



**HKBK COLLEGE OF ENGINEERING**

**Mandatory Disclosure**

## Mandatory Disclosure as per AICTE Norms

|   |  |  |
|---|--|--|
|   | Mandatory Disclosure updated on                        | 1 <sup>st</sup> April 2022   |
| 1 | AICTE File No.   | 1-9321392272   |
|   | Date and Period of last approval                       | 2 <sup>nd</sup> July 2021, 2021-2022                               |
| 2 | Name of the Institution                                | HKBK COLLEGE OF ENGINEERING  |
|   | Address of the Institution                             | # 22/1, Nagawara, Bengaluru-560 045.                               |
|   | City and Pin Code                                      | <b>Bengaluru - 560 045</b>   |
|   | State /UT  | KARNATAKA  |
|   | Phone number with STD code                             | 080-25441722, 080-25443744<br>080-25443690, 080-25443698           |
|   | FAX number with STD code                               | 080-25443813   |
|   | Office hours at the Institution                        | 8.30 AM to 5.00 PM   |
|   | Academic hours at the Institution                      | 8.30 AM to 4.30 PM   |
|   | Email :  | info@hkbk.edu.in   |
|   | Website  | www.hkbk.edu.in  |
|   | Nearest Railway Station (dist in Km)                   | Cantonment Railway Station ( 7 km)                                 |
|   | Nearest Airport (dist in Km)                           | Bangalore International Airport, Devanahalli, Bengaluru (29.5 km ) |
| 3 | Type of Institution                                    |  |
|   | Category (1) of the institution                        | Religious Minority, Private (Unaided)                              |
|   | Category (2) of the institution                        | Co-Education   |
| 4 | Name of the organization running the Institution       | Karnataka State Muslim Federation ®                                |
|   | Address of the Organization                            | No. 6/1, Cantonment Railway Station Road, Bangalore-560051         |
|   | Registered with  | Karnataka Registration Societies Act, 1960                         |
|   | Registration date                                      | S.No. 514/1994-95  |
|   | Website of the organization (Society or Trust website) | www.hkbk.edu.in  |
| 5 | Name of the affiliating University                     | VISVESVARAYA TECHNOLOGICAL UNIVERSITY                              |
|   | Address  | Jnana Sangama, Macche, Belagavi - 590018, Karnataka                |
|   | Latest affiliation period                              | 2021-2022  |
| 6 | Name of Principal / Director                           | Dr. Tabassum Ara   |
|   | Exact Designation                                      | Principal  |
|   | Phone number with STD code                             | 080-25441722, 080-25443744<br>080-25443690, 080-25443698           |
|   | FAX number with STD code                               | 080-25443813   |
|   | Email  | principal@hkbk.edu.in  |
|   | Highest degree   | Ph.D   |
|   | Field of Specialization                                | Computer Science and Engineering                                   |

## 7. Governing Board Members List :

| Sl. No. | Name                   | Affiliation   | Designation                |
|---------|------------------------|---|----------------------------|
| 1.      | Mr. C.M. Ibrahim       | Academician   | Chairman                   |
| 2.      | Mr. C.M. Faiz Mohammed | Academician   | Director                   |
| 3.      | Mr. Manzoor Ahmad Khan | Academician   | Secretary                  |
| 4.      | Mr. Sandeep Shastri    | Academician   | Member                     |
| 5.      | Mr. Narendran K        | Industrialist   | Member                     |
| 6.      | Dr. U. Ramesh          | AICTE Regional Officer  | AICTE Nominee              |
| 7.      | Dr. H.P. Nanda         | Academician   | VTU Nominee                |
| 8.      | Dr. H U Talwar         | Director, Department of Technical Education (DTE) Govt. of Karnataka, Bangalore | Member State Govt. Nominee |
| 9.      | Dr. Tabassum Ara       | Principal HKBKCE  | Member Secretary           |
| 10.     | Dr. R. Loganathan      | Prof. & HOD CSE, HKBKCE   | Member                     |
| 11.     | Prof. Khallikunaisa    | Asst. Prof. CSE, HKBKCE   | Member                     |

## 8. Academic Advisory Body:

| Sr. No.  | Name                      | Affiliation       | Designation      |
|--|---------------------------|-------------------|------------------|
| 1.   | Dr. Tabassum Ara          | Principal, HKBKCE | Member Secretary |
| 2.   | Dr. Hussain Ahamed        | Head-IQAC         | Convener         |
| 3.   | Dr. R. Loganathan         | HOD – CSE         | Member           |
| 4.   | Dr. Syed Mustafa          | HOD – ISE         | Member           |
| 5.   | Dr. Syed Abu Sayeed Mohd. | HOD – CIV         | Member           |
| 6.   | Dr. Latha Rajagopal       | HOD – ECE         | Member           |
| 7.   | Dr. Salim Shareiff        | HOD – ME          | Member           |
| 8.   | Prof. Sheik Haroon Safdar | HOD – EEE         | Member           |
| 9.   | Dr. Sanaulla P.F          | HOD – Chemistry   | Member           |
| 10.  | Dr. Chandrakumar K.       | HOD – Physics     | Member           |
| 11.  | Dr. C.S. Nagabhushana     | HOD – Mathematics | Member           |
| 12.  | Prof. Vanaja V            | HOD – MBA         | Member           |
| Frequency of Academic Advisory Body Meeting and Date of Last Meeting |                           |                   |                  |
| Once in a month  |                           |                   |                  |

## PROGRAMMES APPROVED BY AICTE

| S.NO | COURSES                                   | DURATION | INTAKE |
|------|---|----------|--------|
| 1    | Computer Science and Engineering          | 4Years   | 180    |
| 2    | Information Science and Engineering       | 4Years   | 120    |
| 3    | Electronics and Communication Engineering | 4Years   | 180    |
| 4    | Mechanical Engineering                    | 4Years   | 60     |
| 5    | Artificial Intelligence                   | 4Years   | 60     |
| 6    | Civil Engineering                         | 4Years   | 60     |
| 7    | MBA                                       | 2Years   | 60     |

## PROGRAMMES ACCREDITED BY NBA

| S.NO | COURSES                                   | DURATION   |
|------|---|--|
| 1    | Computer Science and Engineering          | 2015 - 2017<br>(2 Years)   |
| 2    | Information Science and Engineering       | 2015 - 2017<br>(2 Years)   |
| 3    | Electronics and Communication Engineering | 2015 - 2017<br>(2 Years)<br><br><b>2019 - 2022<br/>(3 Years)</b> |
| 4    | Mechanical Engineering                    | 2015 - 2017<br>(2 Years)   |
| 5    | Electrical and Electronics Engineering    | 2015 - 2017<br>(2 Years)   |

## NAAC ACCREDITATION STATUS

| S.No | Programmes / Courses Accredited           | Status                                    |
|------|---|---|
| 1    | Computer Science and Engineering          | <b>“B” Grade<br/>(till June<br/>2022)</b> |
| 2    | Information Science and Engineering       |   |
| 3    | Electronics and Communication Engineering |   |
| 4    | Mechanical Engineering                    |   |
| 5    | Electrical and Electronics Engineering    |   |

# All India Council for Technical Education

(A Statutory body under Ministry of Education, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2021-22

### Extension of Approval (EoA)

F.No. South-West/1-9321392272/2021/EOA

Date: 02-Jul-2021

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

#### Sub: Extension of Approval for the Academic Year 2021-22

Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1<sup>st</sup> Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

|                                     |   |                           |  |
|-------------------------------------|---|---------------------------|--|
| Permanent Id                        | 1-21116724  | Application Id            | 1-9321392272   |
| Name of the Institution /University | HKBK COLLEGE OF ENGINEERING   | Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION  |
| Institution /University Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045 | Society/Trust Address     | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| Institution /University Type        | Private-Self Financing  | Region                    | South-West   |

#### To conduct following Programs / Courses with the Intake indicated below for the Academic Year 2021-22

| Program                    | Level          | Course                           | Affiliating Body (University /Body)            | Intake Approved for 2020-21 | Intake Approved for 2021-22 | NRI Approval Status | FN / Gulf quota/ OCI/ Approval Status |
|----------------------------|----------------|----------------------------------|--|-----------------------------|-----------------------------|---------------------|---------------------------------------|
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING | Visvesvaraya Technological University, Belgaum | 180                         | 180                         | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG | Visvesvaraya Technological University, Belgaum | 180                         | 180                         | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | MECHANICAL ENGINEERING           | Visvesvaraya Technological University, Belgaum | 60                          | 60                          | NA                  | NA                                    |

|                            |                |  |  |     |                  |    |    |
|----------------------------|----------------|--|--|-----|------------------|----|----|
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING          | Visvesvaraya Technological University, Belgaum | 180 | 120              | NA | NA |
| MANAGEMENT                 | POST GRADUATE  | MBA  | Visvesvaraya Technological University, Belgaum | 60  | 60               | NA | NA |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | CIVIL ENGINEERING                            | Visvesvaraya Technological University, Belgaum | 60  | 60               | NA | NA |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING | Visvesvaraya Technological University, Belgaum | 0   | 60 <sup>##</sup> | NA | NA |

## Approved New Course(s)

**Approved Vocational Courses for 2021-22:**

| Sr.No. | Program                    | Level          | Course (Specialization)           | Intake Approved 2021-22 |
|--------|----------------------------|----------------|-----------------------------------|-------------------------|
| 1.     | ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | Electronic Manufacturing Services | 30                      |
| 2.     | ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | Production Technology             | 30                      |
| 3.     | ENGINEERING AND TECHNOLOGY | DIPLOMA        | Production Technology             | 30                      |
| 4.     | MANAGEMENT/IT/ITES         | DIPLOMA        | Graphics And Multimedia           | 30                      |

**General Conditions for Vocational Courses:**

1. It is mandatory to comply with all the provisions as given in APH 2021-22 (Chapter VI) and also in the 'Guidelines for Institutions Applying for Running Vocational Courses' uploaded at [www.aicte-india.org/education/vocational-education](http://www.aicte-india.org/education/vocational-education)
2. **The Institution will ensure that the minimum batch size of 10 students shall be maintained for each course.**
3. The courses must be conducted as per the guidelines issued under SAMVAY (Skill Assessment Matrix for vertical advancement of Youth). Training under these courses must be aligned with the outcome at each level as prescribed under National Skill Qualification Framework (NSQF).

**It is mandatory to comply with all the essential requirements as given in APH 2021-22 (Appendix 6)**



### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2021-22 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Complaint Committee (ICC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

**Prof.Rajive Kumar**  
**Member Secretary, AICTE**

Copy \*\* to:

1. **The Director of Technical Education\*\*, Karnataka**
2. **The Registrar\*\*,  
Visvesvaraya Technological University, Belgaum**
3. **The Principal / Director,  
HKBK COLLEGE OF ENGINEERING  
# 22/1, Nagawara, Bangalore-560045,  
Bangalore,Bangalore Urban,  
Karnataka,560045**
4. **The Secretary / Chairman,  
# 6/1, CANTONMENT RAILWAY STATION ROAD,  
BANGALORE,BANGALORE URBAN  
Karnataka,560051**
5. **The Regional Officer,  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka**
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>.

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

*This is a computer generated Statement. No signature Required*

# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2020-21

### Extension of Approval (EoA)

F.No. South-West/1-7003949128/2020/EOA

Date: 09-Jun-2020

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

#### Sub: Extension of Approval for the Academic Year 2020-21

Ref: Application of the Institution for Extension of Approval for the Academic Year 2020-21

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2020 notified by the Council vide notification number F.No. AB/AICTE/REG/2020 dated 4<sup>th</sup> February 2020 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                       |   |                           |  |
|-----------------------|---|---------------------------|--|
| Permanent Id          | 1-21116724  | Application Id            | 1-7003949128   |
| Name of the Institute | HKBK COLLEGE OF ENGINEERING   | Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION  |
| Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045 | Society/Trust Address     | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| Institute Type        | Private-Self Financing  | Region                    | South-West   |

#### To conduct following Courses with the Intake indicated below for the Academic Year 2020-21

| Program                    | Level          | Course                           | Affiliating Body (University /Body)            | Intake Approved for 2019-20 | Intake Approved for 2020-21 | NRI Approval Status | PIO / FN / Gulf quota/ OCI/ Approval Status |
|----------------------------|----------------|----------------------------------|--|-----------------------------|-----------------------------|---------------------|---|
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING | Visvesvaraya Technological University, Belgaum | 180                         | 180                         | NA                  | NA  |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG | Visvesvaraya Technological University, Belgaum | 180                         | 180                         | NA                  | NA  |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | MECHANICAL ENGINEERING           | Visvesvaraya Technological University, Belgaum | 180                         | 60                          | NA                  | NA  |

|                            |                |                                     |  |     |     |    |    |
|----------------------------|----------------|-------------------------------------|--|-----|-----|----|----|
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING | Visvesvaraya Technological University, Belgaum | 120 | 180 | NA | NA |
| MANAGEMENT                 | POST GRADUATE  | MBA                                 | Visvesvaraya Technological University, Belgaum | 60  | 60  | NA | NA |
| ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | CIVIL ENGINEERING                   | Visvesvaraya Technological University, Belgaum | 120 | 60  | NA | NA |

#### **Approved Vocational Courses for 2020-21:**

| Sr.No. | Program                    | Level          | Course (Specialization)           | Intake Approved 2020-21 |
|--------|----------------------------|----------------|-----------------------------------|-------------------------|
| 1.     | ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | Electronic Manufacturing Services | 30                      |
| 2.     | ENGINEERING AND TECHNOLOGY | UNDER GRADUATE | Production Technology             | 30                      |
| 3.     | ENGINEERING AND TECHNOLOGY | DIPLOMA        | Production Technology             | 30                      |
| 4.     | MANAGEMENT/IT/ ITES        | DIPLOMA        | Graphics And Multimedia           | 30                      |

#### **Important General Conditions for Vocational Courses:**

1. It is mandatory to comply with all the provisions as given in APH 2020-21 (Chapter VI) and also in the 'Guidelines for Institutes Applying for Running Vocational Courses' uploaded at [www.aicte-india.org/education/vocational-education](http://www.aicte-india.org/education/vocational-education)
2. **The Institute will ensure that the minimum batch size of 10 students shall be maintained for each course.**
3. The courses must be conducted as per the guidelines issued under SAMVAY (Skill Assessment Matrix for vertical advancement of Youth). Training under these courses must be aligned with the outcome at each level as prescribed under National Skill Qualification Framework (NSQF).

**It is mandatory to comply with all the essential requirements as given in APH 2020-21 (Appendix 6)**

#### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2020-21 is implemented without affecting the reservation percentages of SC/ ST/ OBC/ General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years beginning with the Academic Year 2020-21

2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time now amalgamated as total intake shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2020-21 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook. All such Institutions/ Universities shall have to create the necessary Faculty, Infrastructure and other facilities WITHIN 2 YEARS to fulfil the norms based on the Affidavit submitted to AICTE.
3. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
4. Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 373/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Prof. Rajive Kumar**  
**Member Secretary, AICTE**

Copy to:

1. **The Director Of Technical Education\*\***, Karnataka
2. **The Registrar\*\***,  
Visvesvaraya Technological University, Belgaum
3. **The Principal / Director**,  
HKBK COLLEGE OF ENGINEERING  
# 22/1, Nagawara, Bangalore-560045,  
Bangalore, Bangalore Urban,  
Karnataka, 560045
4. **The Secretary / Chairman**,  
# 6/1, CANTONMENT RAILWAY STATION ROAD,  
BANGALORE, BANGALORE URBAN  
Karnataka, 560051
5. **The Regional Officer**,  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2019-20

### Extension of Approval (EoA)

F.No. South-West/1-4266273867/2019/EOA

Date: 29-Apr-2019

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

#### Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                              |   |                                  |  |
|------------------------------|---|----------------------------------|--|
| <b>Permanent Id</b>          | 1-21116724  | <b>Application Id</b>            | 1-4266273867   |
| <b>Name of the Institute</b> | HKBK COLLEGE OF ENGINEERING   | <b>Name of the Society/Trust</b> | KARNATAKA STATE MUSLIM FEDERATION  |
| <b>Institute Address</b>     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045 | <b>Society/Trust Address</b>     | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| <b>Institute Type</b>        | Unaided - Private   | <b>Region</b>                    | South-West   |

|  |    |   |    |
|--|----|---|----|
| <b>Opted for Change from Women to Co-Ed and vice versa</b>       | No | <b>Change from Women to Co-Ed and vice versa Approved or Not</b>      | NA |
| <b>Opted for Change of Name</b>                                  | No | <b>Change of Name Approved or Not</b>                                 | NA |
| <b>Opted for Change of Site/Location</b>                         | No | <b>Change of Site/Location Approved or Not</b>                        | NA |
| <b>Opted for Conversion from Degree to Diploma or vice versa</b> | No | <b>Conversion for Degree to Diploma or vice versa Approved or Not</b> | NA |
| <b>Opted for Organization Name Change</b>                        | No | <b>Change of Organization Name Approved or Not</b>                    | NA |
| <b>Opted for Merger of Institution</b>                           | No | <b>Merger of Institution Approved or Not</b>                          | NA |
| <b>Opted for Introduction of New Program/Level</b>               | No | <b>Introduction of Program/Level Approved or Not</b>                  | NA |

#### To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

| Program                    | Shift | Level          | Course                           | FT/PT+ | Affiliating Body (Univ/Body)                   | Intake Approved for 2019-20 | NRI Approval Status | PIO / FN / Gulf quota/ OCI/ Approval Status |
|----------------------------|-------|----------------|----------------------------------|--------|--|-----------------------------|---------------------|---|
| ENGINEERING AND TECHNOLOGY | 1st   | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING | FT     | Visvesvaraya Technological University, Belgaum | 180                         | NA                  | NA  |
| ENGINEERING AND TECHNOLOGY | 1st   | UNDER GRADUATE | ELECTRONICS & COMMUNICATIO       | FT     | Visvesvaraya Technological University, Belgaum | 180                         | NA                  | NA  |

|                            |     |                |                                     |    |  |     |    |    |
|----------------------------|-----|----------------|-------------------------------------|----|--|-----|----|----|
|                            |     |                | N ENGG                              |    |  |     |    |    |
| ENGINEERING AND TECHNOLOGY | 1st | UNDER GRADUATE | MECHANICAL ENGINEERING              | FT | Visvesvaraya Technological University, Belgaum | 180 | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING | FT | Visvesvaraya Technological University, Belgaum | 120 | NA | NA |
| MANAGEMENT                 | 1st | POST GRADUATE  | MASTERS IN BUSINESS ADMINISTRATION  | FT | Visvesvaraya Technological University, Belgaum | 30  | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st | UNDER GRADUATE | CIVIL ENGINEERING                   | FT | Visvesvaraya Technological University, Belgaum | 120 | NA | NA |

+FT - Full Time, PT-Part Time

# Punitive Action against the Institute

**Course(s) Applied for Closure by the Institute for the Academic Year 2019-20**

| Program                    | Shift | Level          | Course                                 | FT/PT+ | Affiliating Body (Univ/Body)                   | Course Closure Status |
|----------------------------|-------|----------------|--|--------|--|-----------------------|
| ENGINEERING AND TECHNOLOGY | 1st   | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FT     | Visvesvaraya Technological University, Belgaum | Approved              |
| ENGINEERING AND TECHNOLOGY | 1st   | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING       | FT     | Visvesvaraya Technological University, Belgaum | Approved              |

+FT-Full Time, PT-Part Time

\$ Due to non-submission of NOC's from University / Board and / or State Government

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)**

**NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT / DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General. However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.**

**Prof. A.P Mittal**  
Member Secretary, AICTE

Copy to:

- The Director Of Technical Education\*\*, Karnataka**
- The Registrar\*\*,  
Visvesvaraya Technological University, Belgaum**

3. **The Principal / Director,**  
Hkbc College Of Engineering  
# 22/1, Nagawara, Bangalore-560045,  
Bangalore,Bangalore Urban,  
Karnataka,560045
4. **The Secretary / Chairman,**  
Karnataka State Muslim Federation  
# 6/1, Cantonment Railway Station Road,.  
Bangalore,Bangalore Urban,  
Karnataka,560051
5. **The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

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\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.

# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2018-19

### Extension of Approval (EoA)

F.No. South-West/1-3514731195/2018/EOA

Date: 10-Apr-2018

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

#### Sub: Extension of Approval for the Academic Year 2018-19

Ref: Application of the Institution for Extension of approval for the Academic Year 2018-19

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and amended on December 5, 2017 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                              |   |                                  |  |
|------------------------------|---|----------------------------------|--|
| <b>Permanent Id</b>          | 1-21116724  | <b>Application Id</b>            | 1-3514731195   |
| <b>Name of the Institute</b> | HKBK COLLEGE OF ENGINEERING   | <b>Name of the Society/Trust</b> | KARNATAKA STATE MUSLIM FEDERATION  |
| <b>Institute Address</b>     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045 | <b>Society/Trust Address</b>     | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| <b>Institute Type</b>        | Unaided - Private   | <b>Region</b>                    | South-West   |

|  |    |   |    |
|--|----|---|----|
| <b>Opted for Change from Women to Co-Ed and vice versa</b>       | No | <b>Change from Women to Co-Ed and vice versa Approved or Not</b>      | NA |
| <b>Opted for Change of Name</b>                                  | No | <b>Change of Name Approved or Not</b>                                 | NA |
| <b>Opted for Change of Site</b>                                  | No | <b>Change of Site Approved or Not</b>                                 | NA |
| <b>Opted for Conversion from Degree to Diploma or vice versa</b> | No | <b>Conversion for Degree to Diploma or vice versa Approved or Not</b> | NA |
| <b>Opted for Organization Name Change</b>                        | No | <b>Change of Organization Name Approved or Not</b>                    | NA |

#### To conduct following Courses with the Intake indicated below for the Academic Year 2018-19

| Program                    | Shift | Level          | Course                                 | FT/PT+ | Affiliating Body (Univ/Body)                   | Intake Approved for 2018-19 | NRI Approval Status | PIO / FN / Gulf quota/ OCI/ Approval Status | Foreign Collaboration /Twining Program Approval Status* |
|----------------------------|-------|----------------|--|--------|--|-----------------------------|---------------------|---|---|
| ENGINEERING AND TECHNOLOGY | 1st   | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FT     | Visvesvaraya Technological University, Belgaum | 180                         | NA                  | NA  | NA  |
| ENGINEERING AND TECHNOLOGY | 1st   | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG       | FT     | Visvesvaraya Technological University, Belgaum | 180                         | NA                  | NA  | NA  |
| ENGINEERING AND TECHNOLOGY | 1st   | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FT     | Visvesvaraya Technological University, Belgaum | 60                          | NA                  | NA  | NA  |
| ENGINEERING                | 1st   | UNDER          | MECHANICAL                             | FT     | Visvesvaraya Technological University, Belgaum | 180                         | NA                  | NA  | NA  |



|                            |     |                |                                     |    |   |     |    |    |    |
|----------------------------|-----|----------------|-------------------------------------|----|---|-----|----|----|----|
| AND TECHNOLOGY             |     | GRADUATE       | ENGINEERING                         |    | al University, Belgaum                          |     |    |    |    |
| ENGINEERING AND TECHNOLOGY | 1st | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING | FT | Visvesvaraya Technologic al University, Belgaum | 120 | NA | NA | NA |
| MANAGEMENT                 | 1st | POST GRADUATE  | MASTERS IN BUSINESS ADMINISTRATION  | FT | Visvesvaraya Technologic al University, Belgaum | 60  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING    | FT | Visvesvaraya Technologic al University, Belgaum | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st | UNDER GRADUATE | CIVIL ENGINEERING                   | FT | Visvesvaraya Technologic al University, Belgaum | 120 | NA | NA | NA |

+FT – Full Time, PT-Part Time  
# Punitive Action against the Institute

**Course(s) Applied for Closure by the Institute for the Academic Year 2018-19**

| Program                    | Shift | Level         | Course                           | FT/PT+ | Affiliating Body (Univ/Body)                    | Course Closure Status |
|----------------------------|-------|---------------|----------------------------------|--------|---|-----------------------|
| ENGINEERING AND TECHNOLOGY | 1st   | POST GRADUATE | COMPUTER NETWORK ENGINEERING     | FT     | Visvesvaraya Technologic al University, Belgaum | Approved              |
| ENGINEERING AND TECHNOLOGY | 1st   | POST GRADUATE | VLSI DESIGN AND EMBEDDED SYSTEMS | FT     | Visvesvaraya Technologic al University, Belgaum | Approved              |
| ENGINEERING AND TECHNOLOGY | 1st   | POST GRADUATE | ELECTRONICS                      | FT     | Visvesvaraya Technologic al University, Belgaum | Approved              |
| ENGINEERING AND TECHNOLOGY | 1st   | POST GRADUATE | THERMAL POWER ENGINEERING        | FT     | Visvesvaraya Technologic al University, Belgaum | Approved              |

+FT-Full Time, PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Prof. A.P Mittal**  
**Member Secretary, AICTE**

Copy to:

1. The Regional Officer,  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
2. The Director Of Technical Education\*\*,  
Karnataka
3. The Registrar\*\*,  
Visvesvaraya Technological University, Belgaum
4. The Principal / Director,  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE, BANGALORE URBAN,

Karnataka,560045

5. The Secretary / Chairman,  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE,BANGALORE URBAN,  
Karnataka,560051
6. Guard File(AICTE)

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

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\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

F.No. South-West/1-3330490627/2017/EOA

Date: 10-Apr-2017

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

## Sub: Extension of approval for the academic year 2017-18

Ref: Application of the Institution for Extension of approval for the academic year 2017-18

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2016 notified by the Council vide notification number F.No.AB/AICTE/REG/2016 dated 30/11/2016 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                           |                                   |                       |  |
|---------------------------|-----------------------------------|-----------------------|--|
| Permanent Id              | 1-21116724                        | Application Id        | 1-3330490627   |
| Name of the Institute     | HKBK COLLEGE OF ENGINEERING       | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045  |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| Institute Type            | Unaided - Private                 | Region                | South-West   |

|   |                |   |                |   |                |
|---|----------------|---|----------------|---|----------------|
| Opted for change from Women to Co-ed and Vice versa | No             | Opted for change of name                    | No             | Opted for change of site                              | No             |
| Change from Women to Co-ed approved and Vice versa  | Not Applicable | Change of name Approved                     | Not Applicable | Change of site Approved                               | Not Applicable |
| Opted for Conversion from degree to diploma         | No             | Opted for Conversion from diploma to degree | No             | Conversion (degree to diploma or vice-versa) Approved | Not Applicable |

To conduct following courses with the intake indicated below for the academic year 2017-18

| Application Id: 1-3330490627 |           |               | Course                       | Full/Part Time | Affiliating Body                               | Intake Approved for 2016-17 | Intake Approved for 2017-18 | NRI Approval status | PIO / FN / Gulf quota/ OCI/ Approval status | Foreign Collaboration/Twining Program Approval status* |
|------------------------------|-----------|---------------|------------------------------|----------------|--|-----------------------------|-----------------------------|---------------------|---|--|
| Program                      | Shift     | Level         |                              |                |  |                             |                             |                     |   |  |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE | COMPUTER NETWORK ENGINEERING | FULL TIME      | Visvesvaraya Technological University, Belgaum | 18                          | 18                          | NA                  | NA  | NA   |



# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

|                            |           |                |  |           |  |     |     |    |    |    |
|----------------------------|-----------|----------------|--|-----------|--|-----|-----|----|----|----|
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME | Visvesvaraya Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | ELECTRONICS                            | FULL TIME | Visvesvaraya Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | THERMAL POWER ENGINEERING              | FULL TIME | Visvesvaraya Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | VLSI DESIGN AND EMBEDDED SYSTEMS       | FULL TIME | Visvesvaraya Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | CIVIL ENGINEERING                      | FULL TIME | Visvesvaraya Technological University, Belgaum | 120 | 120 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME | Visvesvaraya Technological University, Belgaum | 180 | 180 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FULL TIME | Visvesvaraya Technological University, Belgaum | 60  | 60  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG       | FULL TIME | Visvesvaraya Technological University, Belgaum | 180 | 180 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING    | FULL TIME | Visvesvaraya Technological University, Belgaum | 120 | 120 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | MECHANICAL ENGINEERING                 | FULL TIME | Visvesvaraya Technological University, Belgaum | 180 | 180 | NA | NA | NA |



# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

|            |           |               |                                    |           |  |    |    |    |    |    |
|------------|-----------|---------------|------------------------------------|-----------|--|----|----|----|----|----|
| MANAGEMENT | 1st Shift | POST GRADUATE | MASTERS IN BUSINESS ADMINISTRATION | FULL TIME | Visvesvaraya Technological University, Belgaum | 60 | 60 | NA | NA | NA |
|------------|-----------|---------------|------------------------------------|-----------|--|----|----|----|----|----|

The above mentioned approval is subject to the condition that

HKBK COLLEGE OF ENGINEERING

shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Note: Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org)**

**Prof. A.P Mittal**  
**Member Secretary, AICTE**

Copy to:

- The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
- The Director Of Technical Education\*\*,**  
Karnataka
- The Registrar\*\*,**  
Visvesvaraya Technological University, Belgaum
- The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560045
- The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560051
- Guard File(AICTE)**

**Note: \*\* - Approval letter copy will not be communicated through post/email. However, provision is made in the portal for downloading Approval letter through Authorized login credentials allotted to concerned DTE/Registrar.**



## ***All India Council for Technical Education***

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

F.No. South-West/1-2816293740/2016/EOA

Date: 25-Apr-2016

To,

The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

**Sub: Extension of approval for the academic year 2016-17**

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                           |                                   |                       |  |
|---------------------------|-----------------------------------|-----------------------|--|
| Regional Office           | South-West                        | Application Id        | 1-2816293740   |
| Name of the Institute     | HKBK COLLEGE OF ENGINEERING       | Permanent Id          | 1-21116724   |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045  |
| Institute Type            | Unaided - Private                 | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |

|   |                |                          |                |                          |                |
|---|----------------|--------------------------|----------------|--------------------------|----------------|
| Opted for change from Women to Co-ed and Vice versa | No             | Opted for change of name | No             | Opted for change of site | No             |
| Change from Women to Co-ed approved and Vice versa  | Not Applicable | Change of name Approved  | Not Applicable | Change of site Approved  | Not Applicable |

To conduct following courses with the intake indicated below for the academic year 2016-17

| Application Id: 1-2816293740 |           |               | Course                       | Full/Part Time | Affiliating Body                               | Intake 2015-16 | Intake Approved for 2016-17 | NRI Approval status | PIO / FN / Gulf quota Approval status | Foreign Collaboration/Twining Program Approval status |
|------------------------------|-----------|---------------|------------------------------|----------------|--|----------------|-----------------------------|---------------------|---------------------------------------|---|
| Program                      | Shift     | Level         |                              |                |  |                |                             |                     |                                       |   |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE | COMPUTER NETWORK ENGINEERING | FULL TIME      | Visvesvaraya Technological University, Belagum | 18             | 18                          | NA                  | NA                                    | NA  |



|                            |           |                |  |           |   |     |     |    |    |    |
|----------------------------|-----------|----------------|--|-----------|---|-----|-----|----|----|----|
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME | Vesveswaraiah Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | ELECTRONICS                            | FULL TIME | Vesveswaraiah Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | THERMAL POWER ENGINEERING              | FULL TIME | Vesveswaraiah Technological University, Belgaum | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | POST GRADUATE  | VLSI DESIGN AND EMBEDDED SYSTEMS       | FULL TIME | Visvesvaraya Technological University, Belgaum  | 18  | 18  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | CIVIL ENGINEERING                      | FULL TIME | Vesveswaraiah Technological University, Belgaum | 120 | 120 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME | Vesveswaraiah Technological University, Belgaum | 120 | 180 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FULL TIME | Vesveswaraiah Technological University, Belgaum | 60  | 60  | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG       | FULL TIME | Vesveswaraiah Technological University, Belgaum | 180 | 180 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING    | FULL TIME | Vesveswaraiah Technological University, Belgaum | 60  | 120 | NA | NA | NA |
| ENGINEERING AND TECHNOLOGY | 1st Shift | UNDER GRADUATE | MECHANICAL ENGINEERING                 | FULL TIME | Vesveswaraiah Technological University, Belgaum | 120 | 180 | NA | NA | NA |





*All India Council for Technical Education*  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

|            |           |               |                                    |           |   |    |    |    |    |    |
|------------|-----------|---------------|------------------------------------|-----------|---|----|----|----|----|----|
| MANAGEMENT | 1st Shift | POST GRADUATE | MASTERS IN BUSINESS ADMINISTRATION | FULL TIME | Vesveswaraiah Technological University, Belgaum | 60 | 60 | NA | NA | NA |
|------------|-----------|---------------|------------------------------------|-----------|---|----|----|----|----|----|

The above mentioned approval is subject to the condition that HKBK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Note: Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org)**

**Dr. Avinash S Pant**  
**Vice - Chairman, AICTE**

Copy to:

- 1. The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
- 2. The Director Of Technical Education,**  
Karnataka
- 3. The Registrar,**  
Visvesvaraya Technological University, Belgaum
- 4. The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE,BANGALORE URBAN,  
Karnataka,560045
- 5. The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE,BANGALORE URBAN,  
Karnataka,560051
- 6. Guard File(AICTE)**



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

F.No. South-West/1-2460097163/2015/EOA

Date: 07-Apr-2015

To,  
The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

**Sub: Extension of approval for the academic year 2015-16**

Ref: Application of the Institution for Extension of approval for the academic year 2015-16

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                           |                                   |                       |  |
|---------------------------|-----------------------------------|-----------------------|--|
| Regional Office           | South-West                        | Application Id        | 1-2460097163   |
|                           |                                   | Permanent Id          | 1-21116724   |
| Name of the Institute     | HKBK COLLEGE OF ENGINEERING       | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045  |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| Institute Type            | Unaided - Private                 |                       |  |

|                                      |                |                          |                |                          |                |
|--------------------------------------|----------------|--------------------------|----------------|--------------------------|----------------|
| Opted for change from Women to Co-ed | No             | Opted for change of name | No             | Opted for change of site | No             |
| Change from Women to Co-ed approved  | Not Applicable | Change of name Approved  | Not Applicable | Change of site Approved  | Not Applicable |

To conduct following courses with the intake indicated below for the academic year 2015-16

Application Number: 1-2460097163\*

Page 1 of 4

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:2 May 2015

Printed By : AE457411



| Application Id: 1-2460097163 |           |                | Course                                 | Full/Part Time | Affiliating Body                                | Intake 2014-15 | Intake Approved for 15-16 | NRI Approval status | PIO Approval status | Foreign Collaboration Approval status |
|------------------------------|-----------|----------------|--|----------------|---|----------------|---------------------------|---------------------|---------------------|---------------------------------------|
| Program                      | Shift     | Level          |  |                |   |                |                           |                     |                     |                                       |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | COMPUTER NETWORK ENGINEERING           | FULL TIME      | Visvesvaraya Technological University, Belgaum  | 18             | 18                        | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | ELECTRONICS                            | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | THERMAL POWER ENGINEERING              | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | VLSI DESIGN AND EMBEDDED SYSTEMS       | FULL TIME      | Visvesvaraya Technological University, Belgaum  | 18             | 18                        | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | CIVIL ENGINEERING                      | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | NA                  | NA                  | NA                                    |



*All India Council for Technical Education*  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

| Application Id: 1-2460097163 |           |                | Course                              | Full/Part Time | Affiliating Body                                | Intake 2014-15 | Intake Approved for 15-16 | NRI Approval status | PIO Approval status | Foreign Collaboration Approval status |
|------------------------------|-----------|----------------|-------------------------------------|----------------|---|----------------|---------------------------|---------------------|---------------------|---------------------------------------|
| Program                      | Shift     | Level          |                                     |                |   |                |                           |                     |                     |                                       |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG    | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 180            | 180                       | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | NA                  | NA                  | NA                                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | MECHANICAL ENGINEERING              | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | NA                  | NA                  | NA                                    |
| MANAGEMENT                   | 1st Shift | POST GRADUATE  | MASTERS IN BUSINESS ADMINISTRATION  | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | NA                  | NA                  | NA                                    |

Note: Validity of the course details may be verified at [www.aicte-india.org>departments>approvals](http://www.aicte-india.org>departments>approvals)

The above mentioned approval is subject to the condition that HKBK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**Dr. Avinash S Pant**

Application Number: 1-2460097163\*

Page 3 of 4

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:2 May 2015

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**Actg Chairman, AICTE**

Copy to:

1. **The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**  
Karnataka
3. **The Registrar,**  
Visvesvaraya Technological University, Belagaum
4. **The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560045
5. **The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560051
6. **Guard File(AICTE)**



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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

F.No. South-West/1-2016594398/2014/EOA

Date: 04-Jun-2014

To,  
The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                           |                                   |                       |  |
|---------------------------|-----------------------------------|-----------------------|--|
| Regional Office           | South-West                        | Application Id        | 1-2016594398   |
|                           |                                   | Permanent Id          | 1-21116724   |
| Name of the Institute     | HKBK COLLEGE OF ENGINEERING       | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045      |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD,, BANGALORE, BANGALORE URBAN, Karnataka, 560051 |
| Institute Type            | Unaided - Private                 |                       |  |

|                                      |                |                          |                |                          |                |
|--------------------------------------|----------------|--------------------------|----------------|--------------------------|----------------|
| Opted for change from Women to Co-ed | No             | Opted for change of name | No             | Opted for change of site | No             |
| Change from Women to Co-ed approved  | Not Applicable | Change of name Approved  | Not Applicable | Change of site Approved  | Not Applicable |

to conduct following courses with the intake indicated below for the academic year 2014-15

Application Number: 1-2016594398\*

Page 1 of 4

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:9 June 2014

Printed By : AE457411



| Application Id: 1-2016594398 |           |                | Course                                 | Full/Part Time | Affiliating Body                                | Intake 2013-14 | Intake Approved for 14-15 | NRI Approval status | PIO Approval status | Foreign Collaboration Approval status |
|------------------------------|-----------|----------------|--|----------------|---|----------------|---------------------------|---------------------|---------------------|---------------------------------------|
| Program                      | Shift     | Level          |  |                |   |                |                           |                     |                     |                                       |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | COMPUTER NETWORK ENGINEERING           | FULL TIME      | Visvesvaraya Technological University, Belgaum  | 0              | 18                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | ELECTRONICS                            | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | THERMAL POWER ENGINEERING              | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | VLSI DESIGN AND EMBEDDED SYSTEMS       | FULL TIME      | Visvesvaraya Technological University, Belgaum  | 0              | 18                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | CIVIL ENGINEERING                      | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 120                       | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 180                       | NA                  | NA                  | N                                     |



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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

| Application Id: 1-2016594398 |           |                | Course                              | Full/Part Time | Affiliating Body                                | Intake 2013-14 | Intake Approved for 14-15 | NRI Approval status | PIO Approval status | Foreign Collaboration Approval status |
|------------------------------|-----------|----------------|-------------------------------------|----------------|---|----------------|---------------------------|---------------------|---------------------|---------------------------------------|
| Program                      | Shift     | Level          |                                     |                |   |                |                           |                     |                     |                                       |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | NA                  | NA                  | N                                     |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | MECHANICAL ENGINEERING              | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | NA                  | NA                  | N                                     |
| MANAGEMENT                   | 1st Shift | POST GRADUATE  | MASTERS IN BUSINESS ADMINISTRATION  | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | NA                  | NA                  | N                                     |

- Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org)>departments>approvals

The above mentioned approval is subject to the condition that HKBK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**(Dr. Kuncheria P. Isaac)**

Member Secretary, AICTE





*All India Council for Technical Education*  
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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

Copy to:

1. **The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**  
Karnataka
3. **The Registrar,**  
Visvesvaraya Technological University, Belagaum
4. **The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE,BANGALORE URBAN,  
Karnataka,560045
5. **The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE,BANGALORE URBAN,  
Karnataka,560051
6. **Guard File(AICTE)**



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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

F.No. South-West/1-1419482932/2013/EOA

Date: 19-Mar-2013

To,  
The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

Sub: Extension of approval for the academic year 2013-14

Ref: Application of the Institution for Extension of approval for the academic year 2013-14

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                           |                                   |                       |  |
|---------------------------|-----------------------------------|-----------------------|--|
| Regional Office           | South-West                        | Application Id        | 1-1419482932   |
|                           |                                   | Permanent Id          | 1-21116724   |
| Name of the Institute     | HKBK COLLEGE OF ENGINEERING       | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045  |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD,,BANGALORE,BANGALORE URBAN,Karnataka,560051 |
| Institute Type            | Unaided - Private                 |                       |  |

|                                      |                |                          |                |                          |                |
|--------------------------------------|----------------|--------------------------|----------------|--------------------------|----------------|
| Opted for change from Women to Co-ed | No             | Opted for change of name | No             | Opted for change of site | No             |
| Change from Women to Co-ed approved  | Not Applicable | Change of name Approved  | Not Applicable | Change of site Approved  | Not Applicable |

to conduct following courses with the intake indicated below for the academic year 2013-14



| Application Id: 1-1419482932 |           |                | Course                                 | Full/Part Time | Affiliating Body                                | Intake 2012-13 | Intake Approved for 13-14 | NRI | PIO | Foreign Collaboration |
|------------------------------|-----------|----------------|--|----------------|---|----------------|---------------------------|-----|-----|-----------------------|
| Program                      | Shift     | Level          |  |                |   |                |                           |     |     |                       |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | ELECTRONICS                            | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | POST GRADUATE  | THERMAL POWER ENGINEERING              | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 18             | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | CIVIL ENGINEERING                      | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG       | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING    | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY   | 1st Shift | UNDER GRADUATE | MECHANICAL ENGINEERING                 | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 120            | 120                       | No  | No  | No                    |



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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

| Application Id: 1-1419482932 |           |               | Course                             | Full/Part Time | Affiliating Body                                | Intake 2012-13 | Intake Approved for 13-14 | NRI | PIO | Foreign Collaboration |
|------------------------------|-----------|---------------|------------------------------------|----------------|---|----------------|---------------------------|-----|-----|-----------------------|
| Program                      | Shift     | Level         |                                    |                |   |                |                           |     |     |                       |
| MANAGEMENT                   | 1st Shift | POST GRADUATE | MASTERS IN BUSINESS ADMINISTRATION | FULL TIME      | Vesveswaraiah Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |

- Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org)>departments>approvals

The above mentioned approval is subject to the condition that HKBK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**(Dr. Kuncheria P. Isaac)**

Member Secretary, AICTE

Copy to:

- The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
- The Director Of Technical Education,**  
Karnataka
- The Registrar,**  
Vesveswaraiah Technological University, Belgaum
- The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING



*All India Council for Technical Education*  
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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-India.org](http://www.aicte-India.org)

# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560045

5. **The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560051

6. **Guard File(AICTE)**





All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724163 www.aicte-india.org

F.No. South-West/1-736732742/2012/EOA

Date: 10 May 2012

To,  
The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 6th Floor,  
M.S. Building, R. N. 645, Dr. B. R. Ambedkar Road,  
Bangalore-560001

Sub: Extension of approval for the academic year 2012-13

Ref: Application of the Institution for Extension of approval for the academic year 2012-13

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2010 notified by the Council vide notification number F-No.37-3/Legal/2010 dated 10/12/2010 and amendment vide notification number F-No.37-3/Legal/2011 dated 30/09/2011 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

|                           |                                   |                       |   |
|---------------------------|-----------------------------------|-----------------------|---|
| Regional Office           | South-West                        | Application Id        | 1-736732742   |
|                           |                                   | Permanent Id          | 1-21116724  |
| Name of the Institute     | HRBK COLLEGE OF ENGINEERING       | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045     |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD, BANGALORE, BANGALORE URBAN, Karnataka, 560051 |
| Institute Type            | Unaided - Private                 |                       |   |

|                                      |                |                          |                |                          |                |
|--------------------------------------|----------------|--------------------------|----------------|--------------------------|----------------|
| Opted for change from Women to Co-ed | No             | Opted for change of name | No             | Opted for change of site | No             |
| Change from Women to Co-ed approved  | Not Applicable | Change of name Approved  | Not Applicable | Change of site Approved  | Not Applicable |

to conduct following courses with the intake indicated below for the academic year 2012-13

Application Number: 1-736732742\*

Page 1 of 4

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Letter Printed On: 17 May 2012.

Printed By : AE457411





**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

| Application Id: 1-736732742 |           |                | Course                                 | Full/Part Time | Affiliating Body                               | Intake 2011-12 | Intake Approved for 12-13 | NBO | PO | Foreign Collaboration |
|-----------------------------|-----------|----------------|--|----------------|--|----------------|---------------------------|-----|----|-----------------------|
| Program                     | Shift     | Level          |  |                |  |                |                           |     |    |                       |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING       | FULL TIME      | Visvesvaraya Technological University, Belgaum | 120            | 120                       | No  | No | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG       | FULL TIME      | Visvesvaraya Technological University, Belgaum | 120            | 120                       | No  | No | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING | FULL TIME      | Visvesvaraya Technological University, Belgaum | 60             | 60                        | No  | No | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | MECHANICAL ENGINEERING                 | FULL TIME      | Visvesvaraya Technological University, Belgaum | 120            | 120                       | No  | No | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | INFORMATION SCIENCE AND ENGINEERING    | FULL TIME      | Visvesvaraya Technological University, Belgaum | 60             | 60                        | No  | No | No                    |
| MANAGEMENT                  | 1st Shift | POST GRADUATE  | MASTERS IN BUSINESS ADMINISTRATION     | FULL TIME      | Visvesvaraya Technological University, Belgaum | 60             | 60                        | No  | No | No                    |



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
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| Application id: 1-736732742 |           |                | Course                           | Full/Part Time | Affiliating Body                               | Intake 2011-12 | Intake Approved for 12-13 | NRI | PIO | Foreign Collaboration |
|-----------------------------|-----------|----------------|----------------------------------|----------------|--|----------------|---------------------------|-----|-----|-----------------------|
| Program                     | Shift     | Level          |                                  |                |  |                |                           |     |     |                       |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | POST GRADUATE  | ELECTRONICS                      | FULL TIME      | Visvesvaraya Technological University, Belgaum | 18             | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | POST GRADUATE  | THERMAL ENGINEERING              | FULL TIME      | Visvesvaraya Technological University, Belgaum | 18             | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | POST GRADUATE  | COMPUTER SCIENCE AND ENGINEERING | FULL TIME      | Visvesvaraya Technological University, Belgaum | 0              | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | CIVIL ENGINEERING                | FULL TIME      | Visvesvaraya Technological University, Belgaum | 0              | 00                        | No  | No  | No                    |

The above mentioned approval is subject to the condition that HKBK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.





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Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**  
Karnataka
3. **The Registrar,**  
Visvesvaraya Technological University, Belgaum
4. **The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560045
5. **The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560051
6. **Guard File(AICTE)**



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. South-West/1-401611551/2011/EOA

Date: 01-09-2011

To,  
The Principal Secretary (Hr. & Tech Education)  
Govt. of Karnataka, K. G.S., 8th Floor,  
M.S. Building, R. N. 845, Dr. B. R. Ambedkar Road,  
Bangalore-560001

Sub: Extension of approval for the academic year 2011-12.  
Ref: Application of the Institution for Extension of Approval for the Year 2011-12

Sir/Madam,

In terms of the Regulations notified by the Council vide F.No. 37-3/Legal/2011 dated 10/12/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to

|                           |                                   |                       |   |
|---------------------------|-----------------------------------|-----------------------|---|
| Regional Office           | South-West                        | Application Id        | 1-401611551   |
|                           |                                   | Permanent Id          | 1-21118724  |
| Name of the Institute     | HKBK COLLEGE OF ENGINEERING       | Institute Address     | # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045     |
| Name of the Society/Trust | KARNATAKA STATE MUSLIM FEDERATION | Society/Trust Address | # 6/1, CANTONMENT RAILWAY STATION ROAD, BANGALORE, BANGALORE URBAN, Karnataka, 560031 |
| Institute Type            | Unaided - Private                 |                       |   |

to conduct following courses with the intake indicated below for the academic year 2011-12

| Application Id: 1-401611551 |           |                | Course                           | Full/Part Time | Affiliating Body                               | Intake 2010-11 | Intake Approved for 11-12 | NRS | PID | Foreign Collaboration |
|-----------------------------|-----------|----------------|----------------------------------|----------------|--|----------------|---------------------------|-----|-----|-----------------------|
| Program                     | Shift     | Level          |                                  |                |  |                |                           |     |     |                       |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | COMPUTER SCIENCE AND ENGINEERING | FULL TIME      | Vivekanandha Technological University, Belgaum | 90             | 120                       | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDER GRADUATE | ELECTRONICS & COMMUNICATION ENGG | FULL TIME      | Vivekanandha Technological University, Belgaum | 120            | 120                       | No  | No  | No                    |



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| Application Id: 1-401811551 |           |               | Course                                  | Full/Part Time | Affiliating Body                                | Intake 2010-11 | Intake Approved for 11-12 | NRI | PIO | Foreign Collaboration |
|-----------------------------|-----------|---------------|---|----------------|---|----------------|---------------------------|-----|-----|-----------------------|
| Program                     | Shift     | Level         |   |                |   |                |                           |     |     |                       |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDERGRADUATE | ELECTRICAL AND ELECTRONICS ENGINEERING  | FULL TIME      | Viveksvaray & Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDERGRADUATE | MECHANICAL ENGINEERING                  | FULL TIME      | Viveksvaray & Technological University, Belgaum | 90             | 120                       | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | UNDERGRADUATE | INFORMATION SCIENCE AND ENGINEERING     | FULL TIME      | Viveksvaray & Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |
| MANAGEMENT                  | 1st Shift | POSTGRADUATE  | MASTERS IN BUSINESS ADMINISTRATION      | FULL TIME      | Viveksvaray & Technological University, Belgaum | 60             | 60                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | POSTGRADUATE  | ELECTRONICS & COMMUNICATION ENGINEERING | FULL TIME      | Viveksvaray & Technological University, Belgaum | 0              | 18                        | No  | No  | No                    |
| ENGINEERING AND TECHNOLOGY  | 1st Shift | POSTGRADUATE  | THERMAL ENGINEERING                     | FULL TIME      | Viveksvaray & Technological University, Belgaum | 0              | 18                        | No  | No  | No                    |

The above mentioned approval is subject to the condition that HRSK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved

Application Number : 1-401811551

Page 2 of 3

Note: This is a Computer generated Extension of Approval Letter. No signature is required.

Date of printing: 14-09-2011





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by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

1. The Regional Officer,  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
2. The Director Of Technical Education,  
Karnataka
3. The Registrar,  
Visvesvaraya Technological University, Belgaum
4. The Principal / Director,  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560045
5. The Secretary / Chairman,  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE, BANGALORE URBAN,  
Karnataka, 560051
6. Guard File(AICTE)



# All India Council for Technical Education

(A Statutory Body under Ministry of HRD, Govt of India)

7th floor, Chandralok Building, Janpath, New Delhi 110 001  
Phone: 11 23724151-57 FAX: 11 23724183 www.aicte-india.org

No. : South-West Region/1-21116724/2010/EOA

August 23, 2010

To,  
Principal Secretary (Hr. & Tech Education) Govt. of Karnataka, K. G.S.,  
6th Floor, M.S. Building, R. N. 545, Dr. B. R. Ambedkar Road,

Sub. : Extension of approval for the academic year 2010-11.

Sir,

In terms of the Regulations notified by the Council vide F. No. 37-3/Legal/2010 and norms, standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the extension of approval of the Council to :

KARNATAKA STATE MUSLIM FEDERATION, HKBK COLLEGE OF ENGINEERING, # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, KARNATAKA, PIN : 560045

for conduct of the following courses with the intake indicated below in the academic year 2010-11:

| Sr. No. | Program       | Level | Shift       | Course                           | Intake 2009-10 | Intake 2010-11 |
|---------|---------------|-------|-------------|----------------------------------|----------------|----------------|
| 1       | Engg. / Tech. | UG    | First Shift | MECHANICAL ENGINEERING           | 80             | 80             |
| 2       | Engg. / Tech. | UG    | First Shift | INFORMATION TECHNOLOGY           | 60             | 60             |
| 3       | Engg. / Tech. | UG    | First Shift | ELECTRONICS AND COMMUNICATION    | 120            | 120            |
| 4       | Engg. / Tech. | UG    | First Shift | ELECTRICAL & ELECTRONICS & ENGG. | 60             | 60             |
| 5       | Engg. / Tech. | UG    | First Shift | COMPUTER SCIENCE & ENGINEERING   | 90             | 90             |
| 6       | Management    | PG    | First Shift | MBA                              | 60             | 60             |

The above mentioned approval is subject to the condition that:

KARNATAKA STATE MUSLIM FEDERATION, HKBK COLLEGE OF ENGINEERING, # 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, KARNATAKA, PIN : 560045

shall follow and adhere to the regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and hard copy to Regional Office.

Anti Ragging :- The approval is subject to the institution strictly complying with all the provisions made under the Anti ragging regulation notified by council vide F. No. 37/Legal/AICTE/2009 dated 1-7-2009 in which, it will be liable to any action defined under clause 3(4) of this regulation.

Yours faithfully,  
  
Dr. S. G. Bhurud  
Director

Regional Officer  
South Western Regional Office  
All India Council for Technical Education  
Bangalore-9.





**All India Council for Technical Education**  
(A Statutory Body under Ministry of HRD, Govt of India)

7th floor, Chandrak Building, Janpath, New Delhi 110 061  
Phone : 11 23724151-57 FAX : 11 23724183 www.aicte-india.org

Copy to:

1. The Regional Office, South-West Region, Karnataka
2. The Director of Technical Education, Govt. of Delhi.
3. Guard File (AICTE)
4. The Registrar, Affiliating University
5. The Principal / Director,  
KARNATAKA STATE MUSEUM FEDERATION, HOSKOT COLLEGE OF ENGINEERING, # 32/1, NAGAWARA, BANGALORE-560045, BANGALORE,  
KARNATAKA, PIN : 560045

**Regional Officer**  
**South Western Regional Office**  
**All India Council for Technical Education**  
**Bangalore-9.**







अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक संवैधानिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

RESTORATION LETTER

F. No. 770-53-228(E)/ET/96  
Dt. 10/06/2009

To,

The Principal Secretary,  
Government of Karnataka,  
Multistoried Building,  
Dr. B.R. Ambedkar Veedhi,  
Bangalore - 560 001

INWARD NO. 6986

Date 15-06-2009

Sub: Extension of approval to H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 for the academic year 2009-10 - regarding.

Ref.: Letter of even no dated May 29, 2009.

Sir,

In continuation to Council's letter referred above and in pursuance of the compliance submitted by institution the revised intake for the year 2009-2010 in respect of H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 is as under.

| Name of the Course(s)             | Existing Intake | Revised Intake | Period of approval |
|-----------------------------------|-----------------|----------------|--------------------|
| COMPUTER SCIENCE & ENGINEERING    | 60              | 90             | 2009-10            |
| ELECTRICAL & ELECTRONICS ENGG     | 45              | 60             |                    |
| ELECTRONICS & COMMUNICATION ENGG. | 90              | 120            |                    |
| INFORMATION SCIENCE & TECH.       | 45              | 60             |                    |
| MECHANICAL ENGINEERING            | 60              | 90             |                    |
| MBA                               | 45              | 60             |                    |
| Total                             | 345             | 480            |                    |

All other terms and conditions in the letter referred above remain unchanged.

Yours faithfully,

(DevVrat Singh)  
Adviser (E&T)

Copy to:

1. AICTE Southern West Regional Office,  
Bangalore University Campus,  
P.K.Block, Palace Road,  
Bangalore - 560 009

2. The Principal/ Director,  
CAMBRIDGE INSTITUTE OF TECH.,  
H.R. PURAM, BANGALORE - 560 036

3. The Commissioner of Tech. Education,  
Government of Karnataka, Palace Road,  
Bangalore - 560 001

4. The Registrar,  
Visweswaraiah Technology University,  
Machache Campus, Santebatawad Road,  
Belgaum-580 014

5. Guard File, Bureau, AICTE, New Delhi.

H.K.B.K. COLLEGE OF ENGG.  
S.NO. 22/1, NAGAWARA ARABIC COLLEGE POST,  
BANGALORE - 560 045



7थं तल, चन्द्रलोक भवन, जगपथ नई दिल्ली-110001

7th Floor, Chander Lok Building, Janpath, New Delhi-110001

Phone: 011-23724151-57 Fax: 011-23724183 Website: www.aicte.ernet.in



# अखिल भारतीय तकनीकी शिक्षा परिषद् ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

F. No. 770-53-228(E)/ET/96

(भारत सरकार का संविधिक निकाय) (A statutory body of the Govt. of India)  
May 2, 2008

To,

The Principal Secretary  
Govt. of Karnataka,  
Multistoried Building  
Dr. B. R. Ambedkar Veedhi  
Bangalore-560 001



*[Handwritten signature]*

RECEIVED NO. 4763  
Date 17/07/08

Sub: Extension of approval to H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045

Sir,

As per the Regulations notified by the Council vide F.No. 37-3/Legal/2004 dated 14<sup>th</sup> September 2006 and norms, standards, procedures and conditions prescribed by the Council from time to time and based on the recommendations of Appraisal Committee / Expert Committee, I am directed to convey the extension of approval of the Council to H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 for conduct of the following courses with the intake indicated below:

| Name of the Course (s)            | Existing Intake | Revised Intake | Period of approval |
|-----------------------------------|-----------------|----------------|--------------------|
| COMPUTER SCIENCE & ENGINEERING    | 90              | 90             | 2008-09*           |
| ELECTRICAL & ELECTRONICS ENGG     | 60              | 60             |                    |
| ELECTRONICS & COMMUNICATION ENGG. | 120             | 120            |                    |
| INFORMATION SCIENCE & TECH.       | 60              | 60             |                    |
| MBA                               | 60              | 60             |                    |
| MECHANICAL ENGINEERING            | 90              | 90             |                    |
| <b>Total</b>                      | <b>480</b>      | <b>480</b>     |                    |

\* The Compliance Report along with requisite processing fee is required to be submitted every year by August 31 irrespective of the period of approval.

The above approval is subject to rectification of the following observations / deficiencies / specific conditions by 31<sup>st</sup> August 2008.

## > Faculty:

- ❖ Present Director will be overaged by 30.06.2008 Hence, new Director as per AICTE norms needs to be identified.
- ❖ Faculty with proper cadre ratio, requisite qualifications and experience to be appointed in all the disciplines as per AICTE norms.
- ❖ The faculty shortfall in various branches is as follows:

| Course (s) | Faculty required | Faculty available | Shortfall Number |
|------------|------------------|-------------------|------------------|
| MBA        | 06               | 06                | 02               |
| H & S      | 26               | 12                | 16               |

## BUILT-UP AREA:

| Total Built-Up Area | Required | Available | Shortfall Number |
|---------------------|----------|-----------|------------------|
|                     | 20934    | 18474     | 2430             |

Contd., 2/-



*as Note: The mandatory disclosure in prescribed format is required to be hosted on the website as per directions in the AICTE website failing which, action would be initiated as per the rules and regulations of the AICTE including No Admission / Withdrawal of approval.*

The institution is required to submit two copies of the Compliance Report, indicating the rectification of deficiencies along with mandatory disclosure and details of faculty recruited for each course in the prescribed format (available at AICTE Website [www.aicteernet.in](http://www.aicteernet.in)) to the concerned Regional Office latest by 31<sup>st</sup> August 2008 for consideration of approval beyond the session 2008-09. It may be noted that all the institutions are required to submit the compliance Report alongwith requisite processing fee by 31<sup>st</sup> August every year irrespective of the period of approval.

The Compliance Report must be accompanied with a processing fee of Rs. 40,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. In the absence of processing fee the Compliance Report will not be entertained. Following the Compliance report, the Council would verify the status in respect of rectification of deficiencies through surprise random inspection without any prior notice.

The above approval if granted after rectification of deficiencies would be subject to the fulfillment of the following general conditions:

- 1 That the management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
- 2 (a) That the admission shall be made only after adequate infrastructure and all other facilities are provided as per norms and guidelines of the AICTE.
  - (b) That the admissions shall be made in accordance with the regulations notified by the Council from time to time.
  - (c) That the curriculum of the course, the procedure for evaluation/ assessment of students shall be in accordance with the norms prescribed by the AICTE.
  - (d) That the institution shall not allow closure of the institution or discontinuation of the course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.
  - (e) That no excess admission shall be made by the institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the institution.
  - (f) That the institutions shall not have any collaborative arrangements with any Indian and/ or Foreign Universities for conduct of technical courses other than those approved by AICTE without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the institution.
  - (g) That the institution shall not conduct any course(s) in the field of technical education in the same premises/ campus and / or in the name of the institution without prior permission/ approval of AICTE. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the institution.
  - (h) The institution shall not conduct any non-technical course(s) in the same premises/ campus under any circumstances. In case any violation is reported to the Council, appropriate penal action including withdrawal of approval shall be initiated against the institution.
- 3 That the institution shall operate only from the approved location, and that the institution shall not open any off campus study centers/ extension centers directly or in collaboration with any other institution/ university/ organization for the purpose of imparting technical education without obtaining prior approval from the AICTE.
- 4 That the tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form.
- 5 That the accounts of the institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or any body or persons authorized by it.



- 6 That the Director/ Principal and the teaching and other staff shall be selected according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the Council from time to time.
- 7 (a) That the institution shall furnish requisite returns and reports as desired by AICTE in order to ensure proper maintenance of administrative and academic standards.  
(b) That the technical institution shall publish an information booklet before commencement of the academic year giving details regarding the institution and courses/ programmes being conducted and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education on cost basis. The mandatory disclosure information shall be put on the institution Website. The information shall be revised every year with updated information about all aspects of the institution.  
(c) That it shall be mandatory for the technical institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.  
(d) That a compliance report in the prescribed format along with mandatory disclosures on fulfillment of the above conditions, shall be submitted each year by the institution within the time limit prescribed by the Council from time to time i.e. 31<sup>st</sup> August 2008 for the current year.  
(e) That if Technical Institution fails to disclose the information or suppress and/ or misrepresent the information, appropriate action could be initiated including withdrawal of AICTE approval.
- 8 That all the laboratories, workshops etc. shall be equipped as per the syllabi of the concerned affiliated University and shall be in operational condition before making admissions.
- 9 That a library shall be established with adequate number of titles, books, journals (both Indian & Foreign) etc as per AICTE norms.
- 10 That a computer center with adequate number of terminals, Printers etc. shall be established as per AICTE norms.
- 11 AICTE may carry out random inspections round the year for verifying the status of the institutions to ensure maintenance of norms and standards.
- 12 That the AICTE may also conduct inspections with or without notifying the dates to verify specific complaints of mis-representation, violation of norms and standards, mal-practices etc.
- 13 That the institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
- 14 That in the event of student/candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution/University to the student/candidate withdrawing from the programme. It would not be permissible for institutions and Universities to retain the School/Institution Leaving Certificate in original to force retention of admitted students (See Public Notice aicte/DPG/03(01)/2008).
- 15 The Institute shall take appropriate measures for prevention of ragging in any form, in the light of directions of Supreme Court of India in Writ Petition No. @ 656/1998. In case of failure to prevent the instances of ragging by the institutions, the Council shall take appropriate action including withdrawal of approval.
- 16 That the Management shall strictly follow further conditions as may be specified by the Council from time to time.

17. In the event of non-compliance by the H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 with regard to guidelines, norms and conditions prescribed from time to time the Council shall be free to take measures for withdrawal of its approval or recognition, without consideration of any related issues and that all liabilities arising out of such withdrawal would solely be that of H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 .

Yours faithfully,



(Harish C. Rai)  
Adviser- UG/PG (E&T)

Copy to:

1. The Principal,  
H.K.B.K.COLLEGE OF ENGG.  
S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST,  
BANGALORE 560 045
2. The Regional Officer, AICTE, South-West Regional Office, Bangalore University Campus P.K. Block,  
Palace Road, Bangalore - 560 009.
3. The Commissioner of Tech. Education, Government of Karnataka, Palace Road, Bangalore - 560 001
4. The Registrar, concerned University.  
(He is requested to complete the process of affiliation for facilitating admissions).
5. Guard File (UG/PG).





**अखिल भारतीय तकनीकी शिक्षा परिषद्**  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
 (भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

Revised Letter

770-53-228(E)/ET/96  
 July 13, 2007

To,

The Principal Secretary  
 Govt. of Karnataka,  
 Multistoried Building  
 Dr. B. R. Ambedkar Veedhi  
 Bangalore-560 001



24/7/07

INLET NO. 4813  
 Date 24/07/07

Sub: AICTE Approval for extension / increase / Variation in intake / introduction of additional courses to  
**H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045** for the year 2007-2008 – reg.

Sir,

In continuation to Council's letter referred above, the revised intake for the year 2007-2008 in respect of **H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045** is as under :

| Name of the Course(s)             | Existing Intake | Revised Intake | Period of approval |
|-----------------------------------|-----------------|----------------|--------------------|
| COMPUTER SCIENCE & ENGINEERING    | 90              | 90             |                    |
| ELECTRICAL & ELECTRONICS ENGG     | 60              | 60             |                    |
| ELECTRONICS & COMMUNICATION ENGG. | 90              | 120*           |                    |
| INFORMATION SCIENCE & TECH.       | 60              | 60             |                    |
| MBA                               | 60              | 60             |                    |
| MECHANICAL ENGINEERING            | 90              | 90             |                    |
| MEDICAL ELECTRONICS               | 30              | 60*            |                    |
| Total →                           | 480             | 480            |                    |

The specific deficiencies for not granting the other proposed increase / variation in intake / additional courses to the institution are mentioned below :

1. No. Sr. faculty identified for the proposed MCA course.
2. Shortfall in Built-up area for the proposed courses.

Note : \* The approval for additional course(s) / increase in intake / variation in intake is valid for two years from the date of issue of this letter for getting affiliation with respective university and fulfilling State Government requirements of admission.

The additional intake is being granted based on the projections shown in the Detailed Project Report regarding additional built up space, faculty and other facilities for the proposed intake. It may be noted that all facilities including additional built area and appointment of faculty should be made available before the commencement of the next academic session. Random surprise inspection would be carried out to verify facilities and if the institute is found deficient in fulfillment of norms & standards of AICTE, appropriate action would be initiated by the Council.

Please note that other terms & conditions in the earlier letter of even no dated 15.05.2007 will remain unchanged.

Yours faithfully,

(Harish C. Rai)  
 Adviser- UG/PG (E&T)

AICTE Approved  
 Date 24/7/07

Copy to:

✓ The Principal,  
H.K.B.K.COLLEGE OF ENGG.  
S.NO.22/1, NAGAWARA,  
ARABIC COLLEGE POST,  
BANGALORE 560 0452.

2. The Regional Officer,  
AICTE Southern West Regional Office,  
Bangalore University Campus, P.K.Block,  
Palace Road, Bangalore-560 009
3. The Director of Tech. Education  
Govt. of Karnataka,  
Palace Road, Bangalore-560 001
4. The Registrar, concerned University.  
(He is requested to complete the process of affiliation for facilitating admissions).
5. Guard File (UG/PG).



**अखिल भारतीय तकनीकी शिक्षा परिषद्**  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
 (भारत सरकार का एक संविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F. No. 770-53-228(E)/ET/96

September 5, 2006

To,

The Principal Secretary,  
 Government of Karnataka,  
 Multistoried Building,  
 Dr. B.R. Ambedkar Veedhi,  
 Bangalore - 560 001



3625  
 INWARD NO  
 Date 11/09/06

Sub: AICTE Approval for extension / Increase / Variation in intake / introduction of additional courses to H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045, for the year 2006-2007 - reg.

Sir,

In continuation to Council's letter referred above, the revised intake for the year 2006-2007 in respect of H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045, is as under:

| Name of the Course(s)          | Existing Intake<br>2006-2007 | Revised Intake<br>2006-2007 |
|--------------------------------|------------------------------|-----------------------------|
| COMPUTER SCIENCE & ENGINEERING | 90                           | 90                          |
| ELECTRICAL & ELECTRONICS ENGG. | 60                           | 60                          |
| ELECTRONICS & COMM. ENGG.      | 90                           | 90                          |
| INFORMATION SCIENCE & TECH.    | 60                           | 60                          |
| MECHANICAL ENGINEERING         | 90                           | 90                          |
| MEDICAL ELECTRONICS            | 30                           | 30                          |
| MBA                            | 0                            | 60 *                        |
| <b>Total</b>                   | <b>420</b>                   | <b>480</b>                  |

Note : \* The approval for additional course(s) / Increase in intake / variation in intake is valid for two years from the date of issue of this letter for getting affiliation with respective university and fulfilling State Government requirements of admission.

The additional intake is being granted based on the projections shown in the Detailed Project Report regarding additional built up space, faculty and other facilities for the proposed intake. It may be noted that all facilities including additional built up area and appointment of faculty should be made available before the commencement of the next academic session. Random surprise inspection would be carried out to verify facilities and if the institute is found deficient in fulfillment of norms & standards of AICTE, appropriate action would be initiated by the Council.

Please note that other terms & conditions in the earlier letter of even no dated 15.05.2006 will remain unchanged.

Yours faithfully,

(Harish C. Rai)  
 Adviser-UG/PG (E&T)

Copy to:

1. The Principal,  
 H.K.B.K.COLLEGE OF ENGG.  
 S.NO.22/1, NAGAWARA,  
 ARABIC COLLEGE POST,  
 BANGALORE 560 045
2. The Regional Officer, AICTE, South-West Regional Office, Bangalore University Campus P.K. Block, Palace Road, Bangalore - 560 009.
3. The Commissioner of Tech. Education, Government of Karnataka, Palace Road, Bangalore - 560 001.
4. The Registrar, concerned University.  
 (He is requested to complete the process of affiliation for facilitating admissions).
5. Guard File (UG/PG).

M. Sagar  
 AICTE file  
 11/09/06

इंदिरा गांधी खेल परिसर, इन्दिरा एस्टेट, नई दिल्ली - 110002

Indira Gandhi Sports Complex, I. P. Estate, New Delhi-110 002

दूरभाष / Phone : 23392506, 63-65-66, 71, 73-75 फैक्स / Fax : 011-23392554

वेबसाइट / Website : www.aicteernet.in





अखिल भारतीय तकनीकी शिक्षा परिषद  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(भारत सरकार का एक विधिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)  
SOUTH WESTERN REGIONAL OFFICE

F.No. 14-1/2006-07/SWRO 3588  
Date: 02 February, 2006

To

The Principal,  
HKBK College of Engineering  
#22/1, Nagawara,  
Bangalore - 560 045

**SPEED POST**

SUB: Your proposal for the proposed Increase in Intake in the Existing Degree in Engg.-  
Programme for the year 2006-07.

Sir,

This is to inform that the above said proposal submitted by you for

Additional Course(s)

MBA - 60

Variation in Intake

Electronics & Commn. Engg. - 60 to 90

Electrical & Electronics Engg. - 90 to 60

has been processed as per the laid down guidelines, policies and procedures mentioned in AICTE regulation and hand book for approval process for the year 2006-07. The following short comings / deficiencies have been found after prima facie examination of the proposal.

1. Mandatory Disclosures not submitted alongwith the proposal.
2. Details of the copies of the appointment letters of the faculty members for the proposed increase/ additions alongwith the appointment order, joining letters and biodata, selection committee minutes if any, not submitted.
3. Proof of creation of built-up space created for the proposed increase in intake (photographs, certificate of Architect, undertaking, approved building plan ) not submitted.
4. Proof of additional library, computer facilities created for the proposed increase in intake (photographs, receipts, undertakings) not submitted.

You are requested to submit the above documents (4 copies) to this Regional Office for processing of your application as per the procedure and guidelines of approval process for 2006-2007.

Yours faithfully,

(Dr. Surjit Angra)  
Regional Officer

Copy to:

The Adviser (UG/PG), All India Council for Technical Education,  
Indira Gandhi Sports Complex, Indra Prastha Estate, New Delhi.



10/2  
D NO. 2496  
Date: 10/02/06



अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F.No. 770-53-228(E)/ET/96

June 23, 2005

To

The Principal Secretary,  
Government of Karnataka,  
Multistoried Building,  
Dr. B.R. Ambedkar Veedhi  
Bangalore - 560 001

Sub: Extension of approval to H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 , for the year 2005-06-reg.

Sir/ Madam,

As you are aware, All India Council for Technical Education has been mandated under the AICTE Act, 1987 to ensure **maintenance of norms and standards** with regard to technical education in the country. In exercise of this mandate, the Council insists on fulfillment of the minimum requirements prescribed for imparting technical education by the institution so that **quality of courses** is not compromised and stakeholders are satisfied. The Council also undertakes an **annual inspection** of the institutions and conveys deficiencies to them for **rectification**.

It has been observed however that notwithstanding the Council's **repeated** advice to comply with minimum norms and standards, many institutions continue to be **complacent** about taking steps to remedy the deficiencies.

Such institutions suffer from **critical deficiencies** of faculty in proper cadre ratio, qualification, experience and other requirements. Feed back of students with regard to quality of education imparted by such institutions has evoked grave concern. The Expert Committees, following **holistic appraisal** during inspections, have also pointed out severe shortcomings.

The institution has been found to be suffering from several deficiencies, which are listed in **Annexure-A** for your perusal. Shortage of faculty is of gravest concern.

The deficiencies in respect of faculty (including proper cadre ratio & qualification etc.) could have rendered your institution liable for punitive action including being placed in no admission/ reduced intake category. However the Council has decided to take a lenient view and give you yet another **last opportunity** to rectify the deficiencies particularly with regard to faculty shortage, proper cadre ratio & requisite qualification. Course-wise approved intake in respect of H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 , your institution for the year 2005-06 is as under: -

| COURSE (S)                     | APPROVED INTAKE<br>2004-05 | APPROVED INTAKE<br>2005-06 |
|--------------------------------|----------------------------|----------------------------|
| COMPUTER SCIENCE & ENGINEERING | 90                         | 90                         |
| ELECTRONICS & COMM. ENGG.      | 60                         | 60                         |
| MECHANICAL ENGINEERING         | 90                         | 90                         |
| INFORMATION SCIENCE & TECH.    | 60                         | 60                         |
| MEDICAL ELECTRONICS            | 30                         | 30                         |
| ELECTRICAL & ELECTRONICS       | 90                         | 90                         |
| <b>TOTAL</b>                   | <b>420</b>                 | <b>420</b>                 |

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली - 110002

Indira Gandhi Sports Complex, I. P. Estate, New Delhi - 110 002

दूरभाष / Phone : 23392506, 63-65-68, 71, 73-75 फैक्स / Fax : 011-23392554

वेबसाइट / Website : www.aicteernet.in



INWARD NO. 1022

Date 8/4/05



**Note:-** Additional intake/new courses/PIO quota not granted on account of deficiencies in respect of running existing courses/intake.

The above approval is subject to your rectification of deficiencies latest by August end, 2005. A compliance report indicating rectification of deficiencies and details of faculty recruited for each course must be received by the Council, with a copy to concerned Regional Officer latest by **31<sup>st</sup> August, 2005** to entitle your institution for **extension of approval** for the year **2006-07**.

The compliance report must be accompanied with a **visiting/processing fee** as prescribed by the Council in the form of demand draft in favour of **Member Secretary, AICTE payable at New Delhi**. In the absence of the processing/visiting fee, the compliance report may not be entertained.

Following the compliance report, the Council would verify the status in respect of rectification of deficiencies through physical inspection without any prior intimation. The institution should therefore be prepared for random inspection without any prior notice. Extension of approval for the year 2006-07 shall be dependent on the compliance report and the outcome of the surprise inspection.

**Enclosure:-** Annexure-A

**Note:-** Letter also emailed at notified mail id. Details available on website [www.aicte.ernet.in](http://www.aicte.ernet.in)

Yours faithfully

(Dr. P. Venkateswara Rao)  
Adviser (UG/ PG)

**Copy to :**

1. The Principal,  
H.K.B.K.COLLEGE OF ENGG.  
S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST,  
BANGALORE 560 045
2. The Regional Officer, AICTE, South-West Regional Office, Bangalore University Campus,  
P.K.Block, Palace Road, Bangalore-560 001
3. The Director, Directorate of Technical Education, Palace Road, Bangalore - 560 001.
4. The Registrar,  
(He is requested to complete the process of affiliation for facilitating admissions).
5. Guard File.

| Name and Address of the Institution  | Programme             |
|--|-----------------------|
| H.K.B.K College of Engineering<br>S.No. 22/1, Nagawara, Arabi College Post,<br>Bangalore - 560 045 | Degree in Engineering |

**Faculty**

- ❖ Shortage of senior faculty at the level of Professor 8 (62 %) and Assistant Professor 20 (69 %)
- ❖ AICTE pay scales are not implemented.
- ❖ Teaching methodology is poor
- ❖ Faculty is inadequate for the existing course for the academic year 2004-05 as detailed below.

| Course                   | Required as per AICTE | Available | Shortfall |
|--------------------------|-----------------------|-----------|-----------|
| COMPUTER SCIENCE & ENGG  | 18                    | 11        | 6         |
| ELEC & ELECTRONICS ENGG. | 12                    | 7         | 5         |
| INFORMATION SC & ENGG    | 12                    | 11        | 1         |
| MEDICAL ELECTRONICS      | 8                     | 7         |           |

**Library**

- ❖ Very few journals are being subscribed
- ❖ Inadequate text books available
- ❖ More number of books should be issued to the students

**Computers**

- ❖ Atleast 40 more latest PCs to be added

**Others**

- ❖ Placement cell needs improvement
- ❖ Students demand more lab practices
- ❖ No internet facility (atleast 1Mbps should be made available) 2 more dedicated servers are required
- ❖ Out door and indoor game facilities are poor
- ❖ Space available for ECE, EEE, Medical Electronics is less, Spacing of tables, placing of equipment are compact
- ❖ reorganisation of the labs of ECE/Medical Electronics/EEE is necessary. Better quality of equipments should be added.
- ❖ Fencing / Boundary wall of college campus is desired.
- ❖ Interaction between Students/ Administration and Management is poor.
- ❖ Built up area short by 1402 Sq. Meters.







अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F.No. 770-53-228(E)/ET/96

June 23, 2005

To

The Principal Secretary,  
Government of Karnataka,  
Multistoried Building,  
Dr. B.R. Ambedkar Veedhi  
Bangalore - 560 001

Sub: Extension of approval to H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 , for the year 2005-06-reg.

Sir/ Madam,

As you are aware, All India Council for Technical Education has been mandated under the AICTE Act, 1987 to ensure **maintenance of norms and standards** with regard to technical education in the country. In exercise of this mandate, the Council insists on fulfillment of the minimum requirements prescribed for imparting technical education by the institution so that **quality of courses** is not compromised and stakeholders are satisfied. The Council also undertakes an **annual inspection** of the institutions and conveys deficiencies to them for **rectification**.

It has been observed however that notwithstanding the Council's **repeated** advice to comply with minimum norms and standards, many institutions continue to be **complacent** about taking steps to remedy the deficiencies.

Such institutions suffer from **critical deficiencies** of faculty in proper cadre ratio, qualification, experience and other requirements. Feed back of students with regard to quality of education imparted by such institutions has evoked grave concern. The Expert Committees, following **holistic appraisal** during inspections, have also pointed out severe shortcomings.

The institution has been found to be suffering from several deficiencies, which are listed in **Annexure-A** for your perusal. Shortage of faculty is of gravest concern.

The deficiencies in respect of faculty (including proper cadre ratio & qualification etc.) could have rendered your institution liable for punitive action including being placed in no admission/ reduced intake category. However the Council has decided to take a lenient view and give you yet another **last opportunity** to rectify the deficiencies particularly with regard to faculty shortage, proper cadre ratio & requisite qualification. Course-wise approved intake in respect of H.K.B.K.COLLEGE OF ENGG. S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045 , your institution for the year 2005-06 is as under: -

| COURSE (S)                     | APPROVED INTAKE<br>2004-05 | APPROVED INTAKE<br>2005-06 |
|--------------------------------|----------------------------|----------------------------|
| COMPUTER SCIENCE & ENGINEERING | 90                         | 90                         |
| ELECTRONICS & COMM. ENGG.      | 60                         | 60                         |
| MECHANICAL ENGINEERING         | 90                         | 90                         |
| INFORMATION SCIENCE & TECH.    | 60                         | 60                         |
| MEDICAL ELECTRONICS            | 30                         | 30                         |
| ELECTRICAL & ELECTRONICS       | 90                         | 90                         |
| <b>TOTAL</b>                   | <b>420</b>                 | <b>420</b>                 |

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली - 110002

Indira Gandhi Sports Complex, I. P. Estate, New Delhi - 110 002

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वेबसाइट / Website : www.aicteernet.in

INWARD NO. 1022

Date 8/4/05



**Note:-** Additional intake/new courses/PIO quota not granted on account of deficiencies in respect of running existing courses/intake.

The above approval is subject to your rectification of deficiencies latest by August end, 2005. A compliance report indicating rectification of deficiencies and details of faculty recruited for each course must be received by the Council, with a copy to concerned Regional Officer latest by **31<sup>st</sup> August, 2005** to entitle your institution for **extension of approval** for the year **2006-07**.

The compliance report must be accompanied with a **visiting/processing fee** as prescribed by the Council in the form of demand draft in favour of **Member Secretary, AICTE payable at New Delhi**. In the absence of the processing/visiting fee, the compliance report may not be entertained.

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**Enclosure:-** Annexure-A

**Note:-** Letter also emailed at notified mail id. Details available on website [www.aicte.ernet.in](http://www.aicte.ernet.in)

Yours faithfully

(Dr. P. Venkateswara Rao)  
Adviser (UG/ PG)

**Copy to :**

1. The Principal,  
H.K.B.K.COLLEGE OF ENGG.  
S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST,  
BANGALORE 560 045
2. The Regional Officer, AICTE, South-West Regional Office, Bangalore University Campus,  
P.K.Block, Palace Road, Bangalore-560 001
3. The Director, Directorate of Technical Education, Palace Road, Bangalore - 560 001.
4. The Registrar,  
(He is requested to complete the process of affiliation for facilitating admissions).
5. Guard File.



| Name and Address of the Institution  | Programme             |
|--|-----------------------|
| H.K.B.K College of Engineering<br>S.No. 22/1, Nagawara, Arabi College Post,<br>Bangalore - 560 045 | Degree in Engineering |

**Faculty**

- ❖ Shortage of senior faculty at the level of Professor 8 (62 %) and Assistant Professor 20 (69 %)
- ❖ AICTE pay scales are not implemented.
- ❖ Teaching methodology is poor
- ❖ Faculty is inadequate for the existing course for the academic year 2004-05 as detailed below.

| Course                   | Required as per AICTE | Available | Shortfall |
|--------------------------|-----------------------|-----------|-----------|
| COMPUTER SCIENCE & ENGG  | 18                    | 11        | 6         |
| ELEC & ELECTRONICS ENGG. | 12                    | 7         | 5         |
| INFORMATION SC & ENGG    | 12                    | 11        | 1         |
| MEDICAL ELECTRONICS      | 8                     | 7         |           |

**Library**

- ❖ Very few journals are being subscribed
- ❖ Inadequate text books available
- ❖ More number of books should be issued to the students

**Computers**

- ❖ Atleast 40 more latest PCs to be added

**Others**

- ❖ Placement cell needs improvement
- ❖ Students demand more lab practices
- ❖ No internet facility (atleast 1Mbps should be made available) 2 more dedicated servers are required
- ❖ Out door and indoor game facilities are poor
- ❖ Space available for ECE, EEE, Medical Electronics is less, Spacing of tables, placing of equipment are compact
- ❖ reorganisation of the labs of ECE/Medical Electronics/EEE is necessary. Better quality of equipments should be added.
- ❖ Fencing / Boundary wall of college campus is desired.
- ❖ Interaction between Students/ Administration and Management is poor.
- ❖ Built up area short by 1402 Sq. Meters.





**अखिल भारतीय तकनीकी शिक्षा परिषद**  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
 (भारत सरकार का एक शासित निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

F.NO. 770-53-228(E)/ET/96

Date : 14-05-2004

To,  
 The Secretary Education Department  
 Govt. of Karnataka  
 M.S. Building, Bangalore - 560 001  
KARNATAKA.

FORWARD NO. 2613  
 Date 20/5/04



**Subject: Extension of approval of AICTE to H.K.B.K.COLLEGE OF ENGG., S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045, for the academic year 2004-2005.**

Sir / Madam,

The Application / Proposal and / or the Compliance Report Received from **H.K.B.K.COLLEGE OF ENGG., S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045**, has been processed as per laid down procedure, guidelines, policy and / or norms and standards of AICTE, mentioned in AICTE Regulations and / or "AICTE Hand Book for Approval Process".

I am directed to state that the All India Council for Technical Education (AICTE) is pleased to accord approval to **H.K.B.K.COLLEGE OF ENGG., S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE 560 045**, for extension of AICTE Approval / Introduction of new course(s) / Variation in intake (Increase / Decrease), as applicable, for Under Graduate degree level course(s) in **Engineering & Technology** with Annual Intake as given below: -

| FULL TIME COURSE(S)            | EXISTING ANNUAL INTAKE | REVISED APPROVED INTAKE | ENTRY LEVEL | DURATION (YEARS) | PERIOD OF APPROVAL |
|--------------------------------|------------------------|-------------------------|-------------|------------------|--------------------|
| COMPUTER SCIENCE & ENGINEERING | 90                     | 90                      | 10+2        | 4 years          | 2004-2005          |
| ELECTRONICS & COMM. ENGG.      | 60                     | 60                      | 10+2        | 4 years          | 2004-2005          |
| MECHANICAL ENGINEERING         | 90                     | 90                      | 10+2        | 4 years          | 2004-2005          |
| INFORMATION SCIENCE & TECH.    | 60                     | 60                      | 10+2        | 4 years          | 2004-2005          |
| MEDICAL ELECTRONICS            | 30                     | 30                      | 10+2        | 4 years          | 2004-2005          |
| ELECTRICAL & ELECTRONICS       | 90                     | 90                      | 10+2        | 4 years          | 2004-2005          |
| <b>TOTAL APPROVED INTAKE</b>   | <b>420</b>             | <b>420</b>              |             |                  |                    |

*Copy to be submitted to the following:*  
 1. For approval of the Government of Karnataka



The Approval accorded above is subject to the conditions that any of the following is not violated or intervened during the period of validity of said approval.

1. The institution must continue to have Affiliation to a University for the above courses before making admissions. In the absence of such Affiliation this letter of approval shall be treated as Withdrawn (Order of the High Court of Madras in W. P. No. 33256 of 2002 and other Batch of Petitions).
2. The approved course(s) shall commence as per the academic calendar of the Affiliating University.
3. If this letter of approval is received by you after the closing date of State / National Level Central Counseling for Admissions in the concerned State / Union Territory, this Letter of Approval will not be valid for making any admission during the above specified academic year, and shall be treated as withdrawn.
4. *No excess admission shall be made by the Institution during any academic year.*
5. The approval is valid only for the academic year 2004-2005. If no further extension of AICTE approval is received beyond the academic year 2004-2005, this Approval Letter will not be valid for making any admission for the subsequent years.
6. Any other condition(s) as may be specified by AICTE from time to time.

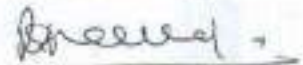
Consequent to the Supreme Court Judgment, the Model Constitution of Governing Body notified by AICTE in its approval Regulations 1994, stands overruled. It has been decided that while AICTE will not insist on any nomination in the Governing Body of Private Unaided Institutions, the Affiliating University / State Government shall impose minimum conditions of affiliation, such as, prescription of qualifications of Governing Body Members, in order to ensure academic excellence. It shall be desirable for the private unaided institutions to induct at least 50% of the members of the Governing Body drawn from renowned academia, academic administrators, Subject Experts and professionals from industry, in order to seek their innovative ideas for continuous improvement in the delivery of teaching learning process, matching best practices elsewhere and achieve excellence.

In exercise of power conferred under 10(p) of the AICTE Act, AICTE, may inspect the institution any time, it may deem fit to verify the progress / compliance or for any other purpose.

The suggested improvements, enclosed, herewith, should be complied with before the commencement of the next academic year, failing which appropriate action may be effected.

In the event of infringement / contravention or non-compliance of the above Conditions and / or the provisions of AICTE Act & Regulations / Guidelines / Norms & Standards as prescribed by AICTE, further actions leading to "Reduced Intake" or "No Admission or Withdrawal of Approval, may be taken by AICTE and the liability arising out of such action shall be solely that of the Management of the Institution.

Yours faithfully,



(Prof. R. S. Gaud)  
Adviser (UG)

Encl.: Suggested Improvements (Specific Conditions) :

Copy to:

1. The Regional Officer, AICTE, South-West Regional Office, Health Centre build., Bangalore University campus Bangalore-560 009
2. The Registrar,
3. The Principal / Director  
H.K.B.K.COLLEGE OF ENGG.  
S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST,  
BANGALORE 560 045
4. The Director of Technical Education, Govt. of Karnataka, place Road, Bangalore-560 001





अखिल भारतीय तकनीकी शिक्षा परिषद्  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(भारत सरकार का एक सांविधिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

S.No.34

F.No.:

Date:30.04.2003

To

The Secretary  
Education Department  
Govt. of Karnataka  
M.S. Building, Bangalore - 560 001  
KARNATAKA.

Sub: Extension of approval of AICTE to H.K.B.K. COLLEGE OF ENGINEERING, S.NO.22/1, NAGAWARA, ARBIC COLLEGE POST, BANGALORE - 560 045, KARNATAKA, for the academic year 2003-04.

Sir/Madam,

The Application/ Proposal and/ or the Compliance Report received from H.K.B.K. COLLEGE OF ENGINEERING, S.NO.22/1, NAGAWARA, ARBIC COLLEGE POST, BANGALORE - 560 045, KARNATAKA, has been processed as per laid down procedure, guidelines, policy and/or norms & standards of AICTE, mentioned in AICTE Regulations and/ or "AICTE Hand Book for Approval Process".

I am directed to state that the All India council for Technical Education (AICTE) is pleased to accord approval to H.K.B.K. COLLEGE OF ENGINEERING, S.NO.22/1, NAGAWARA, ARBIC COLLEGE POST, BANGALORE - 560 045, KARNATAKA, for extension of AICTE Approval/ Introduction of new course(s)/ Variation in intake (Increase/ Decrease), as applicable for under-graduate degree level course(s) in Engineering /Technology with annual intake for each course as given below :

| FULL TIME COURSE(S)            | EXISTING ANNUAL INTAKE | REVISED APPROVED INTAKE | ENTRY LEVEL | DURATION (YEARS) | PERIOD OF APPROVAL |
|--------------------------------|------------------------|-------------------------|-------------|------------------|--------------------|
| COMPUTER SC. ENGG.             | 90                     | 90                      | 10+2        | 4                | 2003-2004          |
| ELECTRICAL & ELECTRONICS ENGG. | 60                     | 60                      | 10+2        | 4                | 2003-2004          |
| ELECTRONICS COMM. ENGG.        | 60                     | 60                      | 10+2        | 4                | 2003-2004          |
| INFORMATION SC. & ENGG.        | 60                     | 60                      | 10+2        | 4                | 2003-2004          |
| MECHANICAL ENGG.               | 90                     | 90                      | 10+2        | 4                | 2003-2004          |
| MEDICAL ELECTRONICS            | 30                     | 30                      | 10+2        | 4                | 2003-2004          |
| Total Annual Intake            | 390                    | 390                     |             |                  |                    |

Mang S.L.

Retired

The approval accorded above is subject to fulfillment of the following Conditions:

1. All full time faculty members as per AICTE Norms must be recruited before making admissions.
2. The Institution must have Affiliation to a University for the above courses before making admissions. In the absence of such Affiliation, this Letter of approval shall be treated as Withdrawn. (Order of the High Court of Madras in W.P. No. 33256 of 2002 and other Batch of Petitions).
3. All the required Laboratories/ Workshops/ Machineries/ Equipment, as per approved syllabi of the affiliating University, must be operational before making admissions.
4. The approved course(s) shall commence as per the academic calendar of the Affiliating University.
5. If this Letter of approval is received by you after the closing date of State / National Level Central Counseling for Admissions in the concerned State / Union Territory, this Letter of approval will not be valid for making any admission during the above specified academic year, and shall be treated as withdrawn.
6. No excess admission shall be made by the Institution during any academic year.
7. The approval is valid only for the academic year 2003-2004. If no further extension of AICTE approval is received beyond the academic year 2003-2004, this Approval Letter will not be valid for making any admission for the subsequent years.
8. Name of the Institution. Name of the Society/Trust, are not allowed to be changed without prior approval of AICTE. The name and title of the institution should be such that "the Emblems and Names (Prevention of improper use) Act 12 (1950)" of Government of India is not violated in any manner.  
  
The use of word "Indian" and /or "National" and/or "All India" and/or "All India Council" and/or "Commission" in any part of the name of a Technical Institution and/ or any name whose abbreviated form leads to "IIM"/ "IIT"/ "IISc"/ "IIT"/ "AICTE"/ "UGC" shall not be permitted. These restrictions will not be applicable for those institutions which are established with the name approved by the Govt. of India.
9. In exercise of power conferred under 10(p) of the AICTE Act, AICTE, may inspect the Institution any time it may deem fit to verify the progress/ compliance or for any other purpose.
10. Any other condition(s) as may be specified by AICTE from time to time.

It may please be noted that consequent to judgement of Hon'ble Supreme Court delivered on 31/10/2002 in TMA Pai Case, the AICTE had issued interim policy regulations, which has been notified in the Gazette of India on 20/03/2003. All the provisions contained in the interim policy regulations shall be applicable for the academic year 2002-2004 in respect of all the AICTE approved institutions.

*Carls. S.*

| NAME AND ADDRESS OF THE INSTITUTION   | PROGRAMME             |
|---|-----------------------|
| H.K.B.K College of Engineering<br>S.No. 22/1, Nagawara, Arabic College<br>Post, Bangalore - 560 045 | DEGREE IN ENGINEERING |

**SUGGESTIONS FOR IMPROVEMENTS ::**

- 28 Nos. (33%) of faculty to be added.
- Mix of senior level faculty to be improved.



F.No.

In the event of infringement/ contravention or non-compliance of the above Conditions and/or the provision of AICTE Act & Regulations/ Guidelines/ Norms & Standards as prescribed by AICTE, further actions leading to 'Reduced Intake' or "No Admission or Withdrawal of Approval, may be taken by AICTE and the liability arising out of such actions will be solely that of the Management of the Institution.

Your faithfully,

*R. S. Gaud*

(Prof. R.S. Gaud)  
Adviser (UG)

Encl: Suggested Improvements (Specific Conditions)

Copy to:

1. The Regional Officer,  
AICTE, South Western Regional Office  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009.
2. The Registrar, VISVESWARAIAH TECHNOLOGICAL UNIVERSITY.
3. The Principal  
H.K.B.K. COLLEGE OF ENGINEERING,  
S.NO.22/1, NAGAWARA,  
ARBIC COLLEGE, POST,  
BANGALORE - 560 045, KARNATAKA.
4. The Director of Technical Education  
Govt. of Karnataka,  
Palace Road,  
Bangalore - 560 001.
5. Guard File, Bureau (UG).



अखिल भारतीय तकनीकी शिक्षा परिषद्  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
(भारत सरकार का सांविधिक संस्थान) (A STATUTORY BODY OF THE GOVT. OF INDIA)

31<sup>st</sup> July, 2003

To  
The Secretary  
Education Department  
Govt. of Karnataka  
M.S. Building, Bangalore - 560 001  
KARNATAKA.

**CORRIGENDUM**

Sub: Extension of approval of AICTE to H.K.B.K COLLEGE OF ENGINEERING, S.NO. 22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE - 560 045, KARNATAKA for the academic year 2003-04.


Sir/Madam,

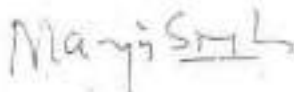
This is in continuation to the Council's earlier dated 30.04.2003 regarding extension of approval to H.K.B.K COLLEGE OF ENGINEERING, S.NO. 22/1, NAGAWARA, ARABIC COLLEGE POST, BANGALORE - 560 045, KARNATAKA for the academic year 2003-2004.

The intake in Electrical & Electronics Engg. may please be read as 90 in place of 60. The total intake of the institution may also be read as 420 in place of 390. All other contents in the approval letter remain unchanged.

The necessary changes may please be incorporated in your records.

Yours faithfully,


  
(Prof. R.S. Gaud)  
Adviser (UG)



Copy to:

1. The Regional Officer,  
AICTE, South Western Regional Office  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009.
2. The Registrar, VISVESWARAIAH TECHNOLOGICAL UNIVERSITY.
3. ☒ The Principal  
H.K.B.K COLLEGE OF ENGINEERING,  
S.NO. 22/1, NAGAWARA,  
ARABIC COLLEGE POST,  
BANGALORE - 560 045,  
KARNATAKA.
4. The Director of Technical Education  
Govt. of Karnataka,  
Palace Road,  
Bangalore - 560 001.
5. Guard File, Bureau (UG).



copy to administrative  




अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(भारत सरकार का एक प्राविधिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

S.NO. 15.  
F.No: 770-53-228(E)/ET/96  
Date: 05-06-2002

To

The Secretary Education Dept.,  
Govt. of Karnataka, M S Building,  
Bangalore - 560 001,  
Karnataka.

Subject: Increase in Intake/ Additional Course/ Extension of Approval, to H.K.B.K.COLLEGE OF ENGG.,  
STATION ROAD, BANGALORE 560 051, ... for conduct of DEGREE programmes.

Sir,

I am directed to state that the All India Council for Technical Education (AICTE), is pleased to accord extension of approval to H.K.B.K.COLLEGE OF ENGG., STATION ROAD, BANGALORE 560 051, ... for the course(s) and intake capacity as given below with the specific conditions that admission shall be made through the Central Counseling by the Govt. of KARNATAKA only:

| COURSE (S)                     | PREVIOUS<br>APPROVED<br>INTAKE | REVISED<br>APPROVED<br>INTAKE | PERIOD OF<br>APPROVAL |
|--------------------------------|--------------------------------|-------------------------------|-----------------------|
| COMPUTER SCIENCE & ENGINEERING | 90                             | 90                            | 2002-2004             |
| ELECTRICAL & ELECTRONICS       | 60                             | 60                            | 2002-2003             |
| ELECTRONICS & COMM. ENGG.      | 60                             | 60                            | 2002-2004             |
| INFORMATION SCIENCE & TECH.    | 60                             | 60                            | 2002-2004             |
| MECHANICAL ENGINEERING         | 45                             | 90                            | 2002-2004             |
| MEDICAL ELECTRONICS            | 30                             | 30                            | 2002-2004             |
| TOTAL                          | 285                            | 390                           |                       |

This approval has been accorded subject to fulfillment of specific conditions listed at Annexure-I (if any) and Norms and Standards & General Conditions as stipulated by Council in Annexure-II.

Further, in the event of infringement/contravention or non-compliance of the norms & standards prescribed by the AICTE during the last approved academic year, the Council shall take further action to withdraw approval to this case for admission during subsequent academic year and the liability arising out of such withdrawal of approval will be solely that of Management / Trust / Society and/or institutions.

Contd...2/-

TO AICTE File  
21/7

इन्दिरा गांधी खेल भवन, इन्दिरा एस्टेट, नई दिल्ली - 110 002  
Indira Gandhi Sports Complex, I.P. Estate, New Delhi-110 002  
दूरभाष / Phone : 3399010/11/12/13/15/16/17/18. फैक्स / Fax : 011-3399002

3392554



The Council reserves the right to visit the Institution any time it may deem fit to verify the compliance of norms and standards of AICTE.

You are requested to kindly monitor the progress made by this Institution for fulfillment of the norms & standards of the Council & keep the concerned Regional Committee and AICTE informed.

Yours faithfully,

(P.N.RAZDAN)  
ADVISER (UG)

copy to:

1. The Regional Officer, AICTE South Western Regional Regional Officer, Health Centre Building, Bangalore University Campus, Bangalore - 560 009.

He is requested to monitor compliance with the norms & standards and conditions stipulated by the Council and keep the concerned Regional Committee and the AICTE informed of the same.

He is also requested to ensure the receipt of notarised undertaking as specified by the Council from the institution / management concerned within the stipulate time frame.

2. The Director of Technical Education,  
Govt. of Karnataka, Palace Road,  
Bangalore - 560 001.
3. The Registrar, BANGALORE UNIVERSITY/VTU.  
He is requested to complete the process of affiliation for facilitating admissions.
4. The Principal,  
H.K.B.K.COLLEGE OF ENGG.,  
STATION ROAD, BANGALORE 560 051,
5. Guard File.

*P.N.Razdan*  
(P.N.RAZDAN)  
ADVISER (UG)

F.No. 770-53-228(E)/ET/96

| NAME OF THE INSTITUTION   | COURSE / PROGRAMME                    |
|---|---------------------------------------|
| H.K.B.K College of Engineering<br>S.No. 22/1, Nagawara, Arabie College<br>Post. Bangalore - 560 045 | DEGREE IN ENGINEERING &<br>TECHNOLOGY |

SPECIFIC CONDITIONS (THE SPECIFIC CONDITIONS SHOULD BE FULFILLED BY 30TH SPET., AND A REPORT SHOULD BE SUBMITTED TO THE CONCERNED REGIONAL OFFICE WITH A COPY TO HEAD QUARTER) ::

- 1) AICTE may kindly note that the new campus of the college is located in Byatarayanapura municipal area, outside the Bangalore city corporation. The overall land requirements may be appropriately determined.

To check

  
(A.K. Nassa)  
Dy. Director (UG)





अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(भारत सरकार का एक संवैधानिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

F.No 770-53-228(E)/ET96  
Date: July 12, 2001

To  
Secretary Education Department,  
Govt. of Karnataka,  
M.S. Building,  
Bangalore - 560 001.

REVISED LETTER

Subject: Extension of Approval H.K.B.K.COLLEGE OF ENGG., STATION ROAD, BANGALORE 560 051, , for conduct of Degree (Engg.) programmes.

Sir,

I am directed to state that on consideration of the reports of the Expert Committee and on consultations with the concerned agencies in this regard, the All India Council for Technical Education (AICTE), is pleased to accord extension of approval to H.K.B.K.COLLEGE OF ENGG., STATION ROAD, BANGALORE 560 051, , only for the course(s) and intake capacity as given below with the specific conditions that admission shall be made through the Central Counseling by the Govt. of KARNATKA only. The earlier letter of even no. dated June 15, 2001 issued by the Council in this regard may be treated as cancelled.

| COURSE(S)                      | PREVIOUS<br>APPROVED<br>INTAKE | REVISED<br>APPROVED<br>INTAKE | PERIOD<br>OF<br>APPROVAL |
|--------------------------------|--------------------------------|-------------------------------|--------------------------|
| COMPUTER SCIENCE & ENGINEERING | 60                             | 90                            | 2001-2003                |
| ELECTRONICS & COMM. ENGG.      | 60                             | 60                            | 2001-2003                |
| INFORMATION SCIENCE & TECH.    | 45                             | 60                            | 2001-2003                |
| MECHANICAL ENGINEERING         | 45                             | 45                            | 2001-2003                |
| MEDICAL ELECTRONICS            | 30                             | 30                            | 2001-2003                |
| TOTAL                          | 240                            | 285                           |                          |

This approval has been accorded subject to fulfilment of norms & standards of the Council for the course(s) and intake approved above.

Further the observations and specific conditions (if any) of the expert committee are annexed with this letter. The institution shall fulfill all the conditions without any delay. Non-fulfilment of the specific conditions will lead to withdrawal of approval without need of any more opportunity, as the institution is well aware of the deficiencies.

*[Signature]*  
Consd...2-

*[Signature]*

*[Signature]*

15

Further, in the event of infringement/contravention or non-compliance of the norms & standards prescribed by the AICTE during the last approved academic year, the Council shall take further action to withdraw approval to this case for admission during subsequent academic year and the liability arising out of such withdrawal of approval will be solely that of Management / Trust / Society and/or institutions.

The Council reserves the right to visit the Institution any time it may deem fit to verify the compliance of norms and standards of AICTE.

You are requested to kindly monitor the progress made by this institution for fulfillment of the norms & standards of the Council & keep the concerned Regional Committee and AICTE informed.



Yours faithfully



(Prof. R.S. Goud)  
Adviser (E&T)

copy to:

1. The Regional Officer, AICTE, SWRO, Bangalore University Campus, Palace Road, Bangalore - 560 019.

He is requested to monitor compliance with the norms & standards and conditions stipulated by the Council and keep the concerned Regional Committee and the AICTE informed of the same.

He is also requested to ensure the receipt of notarised undertaking as specified by the Council from the institution / management concerned within the stipulate time frame.

2. The Director of Technical Education, Govt of Karnataka, Palace Road, Bangalore - 560 001.

3. The Registrar, BANGALORE UNIVERSITY /VTU

He is requested to complete the process of affiliation for facilitating admissions.

4. The Principal, H.K.B.K.COLLEGE OF ENGG., STATION ROAD, BANGALORE 560 051.

5. Guard File.

| NAME OF THE INSTITUTION                                       | SE/PROGRAMME                       |
|---|------------------------------------|
| AK S.K. COLLEGE OF ENGG.<br>STATION ROAD<br>BANGALORE 560 051 | DEGREE IN ENGINEERING & TECHNOLOGY |

**SPECIFIC CONDITIONS TO BE COMPLIED WITHIN THREE MONTHS:**

- i) Library facility should be augmented. Library space is inadequate as per norms with less number of titles. There is no reference section in the library. More volumes should be added. More National & International relevant journals need to be subscribed.
- ii) Compound wall of the College should be immediately completed.
- iii) Labs/Computer Center/Class Rooms/Canteen should be well furnished.
- iv) Institute is still running at temporary site. The institute should relocate on permanent site at the earliest, which has been delayed quite long. Separate Building and Land available exclusively for Engineering College should be as per AICTE norms.

*[Signature]*  
ADVISER (E&T)





अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(भारत सरकार का एक सांविधिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

✓  
PROF. A.M. AGRAWAL  
ADVISER (E&T)

F.No.: 770-53-228(E)/ET/96  
Date: 25.09.2000

25/9/2000

To  
The Principal Secretary  
Education Department,  
Govt. of Karnataka,  
H.S. Building,  
Bangalore - 560 001.

Sub.: Extension of AICTE approval to H.K.B.K.COLLEGE OF ENGG. STATION ROAD BANGALORE 560 051 for conduct of Degree course(s) in Engineering & Technology for the academic year(s) 2000-2001.

Sir,  
I am directed to state that on consideration of the reports of the Expert Committee and in consultations with the concerned agencies in this regard, the All India Council for Technical Education (AICTE), is pleased to accord extension of approval to H.K.B.K.COLLEGE OF ENGG. STATION ROAD BANGALORE 560 051 only for the course(s) and intake capacity as given below with the specific conditions that admission shall be made through the Central Counselling by the Govt. of Karnataka only:

| Course(s)                      | Approved Intake | Duration (years) |
|--------------------------------|-----------------|------------------|
| COMPUTER SCIENCE & ENGINEERING | 60              | DEGREE 4         |
| ELECTRONICS & COMM. ENGG.      | 60              | DEGREE 4         |
| INFORMATION SCIENCE & TECH.    | 45              | DEGREE 4         |
| MECHANICAL ENGINEERING         | 45              | DEGREE 4         |
| MEDICAL ELECTRONICS            | 30              | DEGREE 4         |
| TOTAL                          | 240             |                  |

This approval has been accorded subject to fulfillment of norms & standards of the Council for the course(s) and intake approved above.

Further, the observations and specific conditions (if any) of the expert committee are annexed to this letter. The institution shall fulfill all the conditions without any delay. Nonfulfillment will lead to withdrawal of approval without the need of any more opportunity, as the institution is well aware of the deficiencies.

- 1/3 -



अखिल भारतीय तकनीकी शिक्षा परिषद्, नई दिल्ली  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, New Delhi

Continuation Sheet .....

F.No.770-53-228(E)/ET/96.

The admission will be made in accordance with Regulations notified by the AICTE vide GSR 476(E) dated 20.05.1994 based on the Hon'ble Supreme Court Judgement dated 04.02.1993 with regard to WP(C) No. 607 of 1992 in the case of Unni Krishnan JP and other etc. V/s. State Government of Andhra Pradesh and others etc. and later judgements. No Management/Institute/Trust or Society shall announce admissions directly under any circumstances. Any action contrary to this provision taken by the institute will make it liable to be derecognised.

Further, in the event of infringement/contravention or non-compliance of the norms & standards prescribed by the AICTE during the last approved academic year, the Council shall take further action to withdraw approval to this case for admission during subsequent academic year and the liability arising out of such withdrawal of approval will be solely that of Management/Trust/Society and/or Institutions.

The Council reserves the right to visit the institution any time it may deem fit to verify the compliance of Norms & Standards of AICTE.

You are requested to kindly monitor the progress made by this institution for fulfillment of the Norms & Standards of the Council & keep the concerned Regional Committee and AICTE informed.

Yours faithfully,

*Anand Mohan Agrawal*  
(A.M. AGRAWAL) 28/1/96



COPY TO :

1. Regional Officer, Southern Western Regional Office, All India Council for Technical Education, Bangalore University Campus, Palace Road, Bangalore - 560 009

He is requested to closely monitor the compliance of norms & standards stipulated by the Council and keep the concerned Regional Committee and the AICTE informed of the same.

2. The infrastructural and other facilities shall be reviewed during the last approved academic year and recommendations of the concerned Regional Committee be made available to the AICTE.

2. The Director of Technical, Govt. of Karnataka, Palace Road, Bangalore - 560 001.

3. ✓ DIRECTOR/PRINCIPAL, H.K.B.K.COLLEGE OF ENGG. STATION ROAD BANGALORE 560 051

With a request to fulfill the deficiencies as annexed to this letter and submit the compliance by December, 2000 to the Regional Office.

He is informed that this is an opportunity given to the institute.

This may also be taken as advance notice that failure to rectify the deficiencies will entail withdrawal of approval, as persistence of these deficiencies are detrimental to the quality of teaching learning process.

4. The Registrar, BANGALORE UNIVERSITY

He is requested to complete the process of affiliation for facilitating admissions in the course(s) and intake approved by the Council.

5. Guard File.

*Rominder Randhawa*  
23/11/22  
(Rominder Randhawa)  
Asst. Director



अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(An Autonomous Body of the Govt. of India by Parliament Act (52), 1987)

प्रो. बी. जी. संगमेश्वर  
Prof. B. G. Sangameshwara  
सलाहकार  
Advisor

F.No.: 770-53-228(E)/ET/98  
Dated: 14th July, 1999

The Secretary Education Department,  
Govt. of Karnataka,  
H.S. Building,  
Bangalore-560 001.

Sub.: AICTE approval to H.K.B.K. College of Engineering, No.6/1, Cantonment, Station Road, Bangalore-560 051 for additional Degree course(s)/ variations in intake capacity in Engineering & Technology for the academic year(s) 1999-2000 and No Admission During 2000-2001

Sir,

I am directed to state that on consideration of the reports of the Expert Committee and in consultations with the concerned agencies in this regard, the All India Council for Technical Education (AICTE), is pleased to accord approval to H.K.B.K. College of Engineering, No.6/1, Cantonment, Station Road, Bangalore-560 051 only for the course(s) and intake capacity as given below :

| Course(s)                         |        | Existing Intake | New Approved/ Revised Intake | Duration (years) |
|-----------------------------------|--------|-----------------|------------------------------|------------------|
| MECHANICAL ENGINEERING            | DEGREE | 45              | 45                           | 4                |
| ELECTRONICS & COMMUNICATION ENGG. | DEGREE | 45              | 45                           | 4                |
| COMPUTER SCIENCE ENGINEERING      | DEGREE | 45              | 45                           | 4                |
| INFORMATION SCIENCE               | DEGREE | 45              | 45                           | 4                |
|                                   |        | 180             | 180                          |                  |

This approval has been accorded subject to fulfillment of norms & standards of the Council.

Further, the observations and specific conditions (if any) of the expert committee are enlisted in Annexure-I.

Contd.2.....

Received by Speed Post  
on 16<sup>th</sup> July 99.

A. K. Khandel

16/7/99.

Indira Gandhi Sports Complex, I. P. Estate, New Delhi -110 002





अखिल भारतीय तकनीकी शिक्षा परिषद, नई दिल्ली  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, New Delhi

Continuation Sheet .....

- 2 -

The admission will be made in accordance with Regulations notified by the AICTE vide GSR 475(E) dated 20.05.1994 based on the Hon'ble Supreme Court Judgement dated 04.02.1993 with regard to MP(C) No. 807 of 1992 in the case of Unni Krishnan JP and other etc. V/s. State Government of Andhra Pradesh and others etc. and later judgements. No Management/Institute/Trust or Society shall announce admissions directly under any circumstances. Any action contrary to this provision taken by the institute will make it liable to be derecognised.

Further, in the event of infringement/contravention or non-compliance of the norms & standards prescribed by the AICTE during the last approved academic year, the Council shall take further action to withdraw approval to this case for admission during subsequent academic year and the liability arising out of such withdrawal of approval will be solely that of Management/Trust/Society and/or Institutions.

The Council reserves the right to visit the institution any time it may deem fit to note the progress.

You are requested to kindly monitor the progress made by this institution for fulfillment of the norms & standards of the Council & keep the concerned Regional Committee and AICTE informed.

Yours faithfully,

Sons

(S.G. Sangameshwar)

14/3/94





**अखिल भारतीय तकनीकी शिक्षा परिषद्**  
**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
 (भारत सरकार का एक संवैधानिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

PROF. B.G. SANGAMESHWARA  
 ADVISER (E & T)

No. F. 770-53-228(E)/ET/98  
 July 30, 1998

Principal Secretary  
 Education Department  
 Govt. of Karnataka  
 Bangalore - 560 001

Sub: Extension of AICTE's approval period for conduct of existing courses under H.K.B.K COLLEGE OF ENGINEERING, BANGALORE.

Sir,

I am directed to state that on consideration of the observations and findings of the various assessment committees and on the recommendations of South Western Regional Committee and further consideration by committees as constituted by AICTE, the All India Council for Technical Education (AICTE), has extended its earlier approval period upto 1998-99 for conduct of the following existing courses by H.K.B.K. COLLEGE OF ENGINEERING, BANGALORE.

The details of the existing courses / intake approved upto 1998-99 for H.K.B.K COLLEGE OF ENGINEERING, BANGALORE are as follows :-

| COURSE(S)                        | LEVEL  | DURATION |    | INTAKE |
|----------------------------------|--------|----------|----|--------|
| MECHANICAL ENGINEERING           | DEGREE | 4Yrs     | FT | 45     |
| ELECTRONICS & COMMN. ENGINEERING | DEGREE | 4Yrs     | FT | 45     |
| COMPUTER SCIENCE & ENGINEERING   | DEGREE | 4Yrs     | FT | 45     |
| INFORMATION SCIENCE              | DEGREE | 4Yrs     | FT | 45     |
| TOTAL                            |        |          |    | 180    |

Further the Council confirms that the Course(s) / Intake approved for the Institution is as above and final for the subject year. In case the Institution had applied for addition of any other Course(s) / Increase in intake / Variation in intake, the same has not been considered and hence the Institution may reapply as per the regulations.

The approval is subject to fulfillment of Norms & Standards and guidelines as stipulated by AICTE. The Council shall inspect the Institution for verification of facilities/compliances of conditions stipulated in this letter during of the last approved academic year.

The Management/Institute/Trust or Society shall not announce admissions directly under any circumstances and shall lawfully abide by the admission regulations notified by the AICTE vide GSR 476 (E) DATED 20.05.1994 based on the Hon'ble Supreme Court Judgement dated 04.02.1993 with regard to WP (C) No. 607 of 1992 in the case of Unni Krishnan JP and others etc. V/s State Government of Andhra Pradesh and others etc, and later judgements.

for personal  
 of secretary  
 25/9

noted.


Place the  
 Before the  
 meeting  
 of 25/9

Contd... 2

In the event of infringement / Contravention or non-compliance of any of the conditions, guidelines, norms and regulations prescribed by the AICTE from time to time the AICTE or a body or person(s) authorised by it shall be free to take measures for withdrawal of the approval or recognition without consideration of any related issues and that liabilities arising out of such withdrawal would be solely that of the Management/Trust/Society and /or Institutions. AICTE may inspect the Institution at any time it may deem fit to note progress.

You are requested to kindly take appropriate action to implement the decision of AICTE and communicate the progress made in this regard to the South western regional committee of the AICTE under intimation to this office.

Yours faithfully,



(B.G. SANGAMESHWARA)



Copy to :

1. THE REGIONAL OFFICER, ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, SOUTH WESTERN REGIONAL OFFICE, HEALTH CENTRE BUILDING, BANGALORE UNIV. CAMPUS, BANGALORE - 560 009.

He is requested to monitor compliance with conditions as laid down in this approval letter and keep the South Western Regional Committee and the AICTE informed of the same.

2. THE DIRECTOR, DIRECTORATE OF TECHNICAL EDUCATION, GOVT. OF KARNATAKA, BANGALORE - 560 001.

He is requested to monitor compliance with the conditions as laid down in this approval letter and keep the SWRC and the AICTE informed of the same.

3. ✓ THE PRINCIPAL, H.K.B.K. COLLEGE OF ENGINEERING, No. 61, CONTONMENT, RAILWAY STATION ROAD, BANGALORE - 560 051.

4. Guard File.

  
(B.G. SANGAMESHWARA)  
Adviser



अखिल भारतीय तकनीकी शिक्षा परिषद  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION  
(भारत सरकार का एक संविधिक संस्थान) (A STATUTORY BODY OF THE GOVERNMENT OF INDIA)

Prof. B.G. Sankarashwara  
Adviser(AET)

F.170-51-125/1-98  
Date - 31<sup>st</sup> August, 1997

Principal Secretary  
Dept. of Education, Govt. of Karnataka  
Multistoreyed Building  
Prince Road  
Bangalore.

Sub : AICTE approval to KARNATAKA STATE MUSLIM FEDERATION NO.81 BENSON CROSS BENSON TOWN BANGALORE - 560 046. for establishment of  
M K F COLLEGE OF ENGG STATION ROAD  
BANGALORE - 560 051.

Sir,

I am directed to state that based on the consultations with the concerned State Govt. and the affiliating university and on recommendations of the Regional Committee and the Expert Committee constituted by the Council and in per the provisions of AICTE regulations, the All India Council for Technical Education (AICTE), is pleased to accord approval to KARNATAKA STATE MUSLIM FEDERATION NO.81 BENSON CROSS-BENSON TOWN BANGALORE - 560 046. for the establishment of M K F COLLEGE OF ENGG STATION ROAD BANGALORE - 560 051 and to conduct following degree courses in ENGINEERING & TECHNOLOGY with an annual intake mentioned and not less for the session 1997-1998.

| Courses(s)                       | Intake Level | Duration |
|----------------------------------|--------------|----------|
| Computer Science Engg.           | 45 Degree ✓  | 4 years  |
| Electronics & Comm. Engg.        | 45 Degree ✓  | 4 years  |
| Mechanical Engg.                 | 45 Degree ✓  | 4 years  |
| Information Science & Technology | 45 Degree ✓  | 4 years  |

TOTAL 180


This approval has been accorded as per the norms and standards of AICTE.

The admission will be made in accordance with Regulations notified by the AICTE vide GSR dated 02.02.1984 and 1991 and the for the Supreme Court Judgment dated 04.07.1993 with regard to AICTE No. 697 of 1992 in the case of Jawahar Education Trust vs. State Government of Andhra Pradesh and others etc. and later judgments. No management (institution/trust) or not AICTE approved institutions direct or indirect under any circumstances. Any action contrary to this provision taken by the institution or management shall be non-recognised.

Further in the event of infringement/contravention or non-compliance of the norms and standards as prescribed by the Council, the Council shall take further action as required and the liability arising out of such non-compliance shall be that of Management/Trust/Institution and not of the Council.

The Council may inspect/visit the institution any time it may deem fit to note the progress/ compliance. The attention of the management is drawn to the fact that the approval given now is only for one academic session, at the end of which an expert committee shall visit to assess if the norms and standards as stipulated by AICTE are fulfilled, and then only the continuation or otherwise shall be intimated.

You are requested to inform the progress made by these institutions for compliance of norms and standards to the Council and the concerned Regional Office and AICTE, New Delhi, as and when required.

  
Principal Secretary

Copy to :

1. The Regional Officer,  
AICTE-SWRO, Bangalore University Campus,  
Palace Road, Bangalore - 560 009.

He is requested to monitor compliance with conditions as laid down in this approval letter in consultation with the Directorate of Technical Education/State Govt and keep the concerned Regional Committee and the AICTE informed of the same.

2. The Director,  
Technical Education,  
Govt of Karnataka, Bangalore - 560 001.

The name of the Institution and its seats for admission may be included in the approved list of the institutions for admission purposes.

3. REGISTRAR/SECRETARY, BANGALORE UNIVERSITY

He is requested for completing the process for affiliation for facilitating admissions.

4. (a) CHAIRMAN/SECRETARY, KARNATAKA STATE MUSLIM FEDERATION  
NO.81 BENSON CROSS  
BENSON TOWN  
BANGALORE - 560 046.

- (b) PRINCIPAL, H K R K COLLEGE OF ENG  
STATION ROAD BANGALORE - 560 051.

5. Guard File.

*Sone*  
10.11.2009  
BANGALORE  
ADVISER ETI



# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 Telefax: +91 11 2436 0682  
Website: www.nbaind.org



Dated: 21-12-2015

F.No.25-168/2013-NBA

To,

The Principal  
HKBK College of Engineering  
# 22/1, Nagawara,  
Bangalore-560045, Karnataka.

Subject: Accreditation status of programmes applied by HKBK College of Engineering, # 22/1, Nagawara, Bangalore-560045, Karnataka.

Sir,

This has reference to your application dated 13-09-2013 in Tier-II format seeking accreditation by National Board of Accreditation to UG Engineering programmes offered by HKBK College of Engineering, Bangalore, Karnataka.

2. An Expert Team conducted on-site evaluation of the programmes during 9th – 11th October, 2015. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programmes as given in the table below:


| Sl. No. | Name of the Programmes (UG)             | Basis of Evaluation | Accreditation Status   | Period of validity w.e.f. 01.07.2015 | Remarks   |
|---------|---|---------------------|--|--------------------------------------|---|
| (1)     | (2)                                     | (3)                 | (4)  | (5)                                  | (6)   |
| 1.      | Computer Science & Engineering          | Tier-II Document    | Provisionally Accredited (636 marks awarded by the Visiting Team reduced to 626 as per the observations made indicated in the Annexure to this letter) | 2 years                              | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier |
| 2.      | Information Science & Engineering       |                     | Provisionally Accredited (656 marks awarded by the Visiting Team reduced to 648 as per the observations made indicated in the Annexure to this letter) | 2 years                              |   |
| 3.      | Mechanical Engineering                  |                     | Provisionally Accredited   | 2 years                              |   |
| 4.      | Electronics & Communication Engineering |                     | Provisionally Accredited   | 2 years                              |   |
| 5.      | Electrical & Electronics Engineering    |                     | Provisionally Accredited (659 marks awarded by the Visiting Team reduced to 648 as per the observations made indicated in the Annexure to this letter) | 2 years                              |   |

Contd/...



3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.
4. The programmes have been granted provisional accreditation for 2 years. As such, HKBK College of Engineering, Bangalore, Karnataka should submit the Self Assessment Report alongwith a compliance report at least after one year to be considered by the Engineering Evaluation and Accreditation Committee (EEAC) to formulate a view whether compliance report is enough to recommend for accreditation or a visit to the Institute is necessary. The recommendation of EEAC will be considered by the Sub-Committee of the Academic Advisory Committee of Engineering for decision.
5. The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to HKBK College of Engineering, Bangalore, Karnataka as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programme accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the programme(s) accredited, level of programmes and the period of validity of accreditation, as well as the date from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.
6. The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.
7. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.
8. Copy of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programmes are also enclosed.
9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

**Encls:** 1. Copy of Report of Chairman of the Visiting Team.  
2. Copies of Experts Reports of the Visiting Team.

**Copy to:**

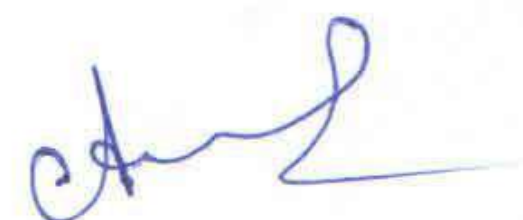
1. The Principal Secretary (Higher Education) Government of Karnataka,  
K.G.S., 6th Floor, M.S. Building, R.N. 645,  
Dr. B.R. Ambedkar Road, Bangalore-560001.
2. The Director of Technical Education,  
Tantrik Shikshan Bhawan, Place Road, Bangalore, Karnataka-560001
3. The Registrar,  
Visvesvaraya Technological University  
Jnana Sangama, VTU Main Road, Machhe, Belagavi,  
Karnataka 590018
4. Accreditation File
5. Master Accreditation Folder of the State



ANNEXURE

HKBK COLLEGE OF ENGINEERING, # 22/1, NAGAWARA, BANGALORE-560045,  
KARNATAKA

| Name of the Programmes               | Observation  |
|--------------------------------------|--|
| Computer Science & Engineering       | <b>Criterion V FC:</b> The Cadre needs to be improved. Only 1 Professor, 3 Associate Professor (joined as Assistant Professor in V-CPC).<br><u>Faculty Qualification:</u> More faculty members should be encouraged to obtained a Ph.D.  |
| Information Science & Engineering    | <b>Criterion IV SP:</b><br><u>Success Rate:</u> The Calculation is as per formula.<br><b>Criterion V FC:</b><br><u>Faculty Qualification:</u> No Ph.D in the department.   |
| Electrical & Electronics Engineering | <b>Criterion V FC:</b> STR: The number faculty as per verification is less than the STR.<br>Faculty as participants/ resource persons in faculty development/training activities – FDP participation by faculty is less. Faculty interaction with outside world – Less interaction with outside world. |



# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903  
Website: www.nbaiind.org



File No: 25-168-2013-NBA

Date: 20-12-2019

To,

The Principal  
HKBK College of Engineering,  
# 22/1, Nagawara,  
Bangalore-560045, Karnataka

Subject: Accreditation status of programs applied by HKBK College of Engineering, # 22/1, Nagawara, Bangalore-560045, Karnataka.

Sir,

This has reference to your application I.D. No. 3256-09/11/2018 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by **HKBK College of Engineering, # 22/1, Nagawara, Bangalore-560045, Karnataka.**

2. An Expert Team conducted on-site evaluation of the programs from 08th to 10th March, 2019. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the program as given in the table below:

| Sl. No | Name of the Program(s) (UG)             | Basis of Evaluation | Accreditation Status | Period of validity   | Remarks   |
|--------|---|---------------------|----------------------|--|---|
| (1)    | (2)                                     | (3)                 | (4)                  | (5)  | (6)   |
| 1.     | Electronics & Communication Engineering | Tier-II             | Accredited           | Academic Years 2019-2020 to 2021-2022 i.e. upto 30-06-2022 | Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier |

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The program has been granted accreditation for 3 years. **HKBK College of Engineering, # 22/1, Nagawara, Bangalore-560045, Karnataka** should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

5. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to **HKBK College of Engineering, # 22/1, Nagawara, Bangalore-560045, Karnataka** as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

Contd/...



7. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Report in respect of the above program is enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

**Encls:** 1. Copy of Report of Chairman of the Visiting Team.  
2. Copy of Expert Report of the Visiting Team.

**Copy to:**

1. The Registrar  
Vishveshwaraiah Technical University  
Jnana Sangama, Belgaum -590 018  
Karnataka
2. Director Technical Education  
Tantrik Shikshan Bhawan  
Palace Road, Bangalore- 560 001  
Karnataka
3. Accreditation File.
4. Master Accreditation file of the State.



## **HKBK COLLEGE OF ENGINEERING**

**Department of Computer Science and Engineering**

**Mandatory Disclosure**



## **Mandatory Disclosure- Computer Science Department**

|               |                                     |   |
|---------------|-------------------------------------|---|
| <b>11 (b)</b> | <b>Name of the Department</b>       | <b>Computer Science and Engineering</b> |
|               | Course                              | Bachelor of Engineering                 |
|               | Level                               | UG                                      |
|               | 1st year of approval by the council | 1997-98                                 |

### Approval Description:

| Academic Year                    | 2020-21   | 2019-20         | 2018-19        | 2017-18        | 2016-17        | 2015-16      |
|----------------------------------|---|-----------------|----------------|----------------|----------------|--------------|
| Year wise sanctioned intake      | 180   | 180             | 180            | 180            | 180            | 120          |
| Year wise actual admission       | 184   | 180             | 174            | 176            | 187            | 118          |
| Cut off marks- General Quota     | 9421-134432   | 32775           | 29390 - 132454 | 16355 - 125714 | 31007          | 38216        |
| Students passed with distinction | 55  | -               | 21             | 57             | 13             | 32           |
| Students passed with first class | 46  | -               | 42             | 16             | 43             | 52           |
| Student placed                   | 63  | 31              | 37             | 38             | 27             | 52           |
| Average pay package              | 3.5 Lakh/Annum  | 3.5 Lakh/Annum  | 3 Lakh/Annum   | 3 Lakh/Annum   | 2.9 Lakh/Annum | 3 Lakh/Annum |
| Student opted for higher studies | 1   | -               | 3              | 11             | 13             | 7            |
| Accreditation status             | -   | NAAC Accredited |                |                |                |              |
| Doctoral Course                  | Ph.D ( Research Centre)   |                 |                |                |                |              |
| Foreign Collaboration            | NIL   |                 |                |                |                |              |
| Professional Society Membership  | ISTE and CSI  |                 |                |                |                |              |
| Professional Activities          | Overload ++ CSI Technical Symposium, Overload IT-19 , CSI Technical Symposium |                 |                |                |                |              |

|                        |  |     |
|------------------------|--|-----|
| Consultancy Activities |  | NIL |
|------------------------|--|-----|

|                                |  |
|--------------------------------|--|
| <b>Departmental activities</b> | <b>AY: 2020-21</b>   |
|                                | <ol style="list-style-type: none"> <li>1. Department of CSE has organized Guest lecture on “Get started with Android” organized by Prof. Khallikkunaisa, Prof. B. mary Nathisiya, Prof. Pushpa.T on 27<sup>th</sup> July 2021</li> <li>2. Department of CSE has organized Webinar on “Mobile Application Development” organized by Prof. Najmusher H, Prof. Husna Tabassum on 4<sup>th</sup> August 2021</li> <li>3. Department of CSE has organized Virtual Webinar on “Digital profiling in Industry 4.0 and Pre-placement training” organized by Prof. Khallikkunaisa, Dr. Sharada.K.A on 5<sup>th</sup> June 2021</li> <li>4. Department of CSE has organized Virtual Webinar on “Modelling and Design-A Industry perspective” organized by Prof. Khallikkunaisa on 5<sup>th</sup> June 2021.</li> <li>5. Department of CSE celebrated International women’s day on 8<sup>th</sup> March 2021</li> <li>6. Department of CSE has organized Virtual webinar on “Cyber Security: The cutting-edge technology” organized by Prof. Husna Tabassum on 22<sup>nd</sup> May 2021</li> <li>7. Department of CSE has organized Virtual guest lecture on “IoT with data analytics” organized by Prof. Archana Hombalimath on 22<sup>nd</sup> July</li> <li>8. Department of CSE has organized Faculty Development on developing “Multi Dimensional Competency in Teaching”, 16<sup>th</sup> to 18<sup>th</sup> march, 2021 organized by Prof. Vikram Sindhu, Prof. Niranjana L, Prof. Suneetha J, Prof. Chandrakala HL and Prof. Bhagya K.</li> <li>9. Department of CSE has organized Virtual webinar on “Augmented Reality and Virtual Reality” organized by Prof. Archana Hombalimath, Prof. B. mary Nathisiya, Prof. Suneetha,</li> </ol> |

|  |   |
|--|---|
|  | <p>Prof. Jenita on 28<sup>th</sup> July 2021</p> <p>10. Department of CSE has organized Webinar on “Future of StartUps-Technology and Innovation” organized by Prof. Archana Hombalimath, Prof. B. Mary Nathisiya, Prof. Suneetha, Prof. Jenita on 27<sup>th</sup> July 2021</p> <p>11. Department of CSE has organized International webinar on “Entrepreneurship and startup ideas organized by Prof. Khallikkunaisa, Prof. Pundalik Chauhan, Prof. Imranulla Khan on 12<sup>th</sup> November 2020</p>   |
|  | <p><b>AY: 2019-20</b></p> <ol style="list-style-type: none"> <li>1. Department of CSE has organized a one-day seminar on "Next Generation Automotive Technologies" on 4th August 2020</li> <li>2. Department of CSE has organized 1 day Workshop on “Python “ on 17-Feb-20’ for 6<sup>th</sup> sem students.</li> <li>3. Department of CSE has organized a 3 days Value Added Course on “Robotic Process Automation” from 06-Feb-2020’ to 08-Feb-2020 for 49 registered students.</li> <li>4. Department of CSE has organized a guest lecture on ” Future and Applications of IOT on 23-Nov-2019 for 30 CSE students.</li> <li>5. Department of CSE has organized a 1 day Workshop on “Software Testing Automation Tools” on 07-11-2019 for for 5<sup>th</sup>sem CSE students (30 Registration).</li> <li>6. Department of CSE has organized Guest Lecture on “Data Science and Cyber Security on 06-Nov-2019 for 40 final year CSE students.</li> <li>7. Department of CSE has organized a 1 day Workshop on “Developing Web Apps using SERVLETS and JSP” on 31-10-2019 for 5<sup>th</sup>sem CSE students (160 Registration).</li> <li>8. Department of CSE has organized a 1 day Workshop on Entrepreneurship and start up on 25-10-2019 for 5<sup>th</sup>sem CSE students (160 Registration).</li> <li>9. Department of CSE has organized Guest Lecture on “Career Opportunities on 23-Oct-2019 for 5<sup>th</sup> Sem CSE students.</li> <li>10. Department of CSE has organized 4 days Value Added Certification Course on “Machine Learning with Python” from 25-Oct-2019 to 28-Oct-2019 for all branch students.</li> <li>11. Department of CSE has organized Seminar on Universal</li> </ol> |

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|  | <p>Human Values –UHV on 26-Oct-2019 for first year students.</p> <p><b>12.</b> Department of CSE has organized a 1 day Workshop on Stress Management on 17-10-2019 for 30 students</p> <p>13. Department of CSE has organized 4 days Value Added course on “No SQL using AWS from 14-Oct-2019 to 17-Oct-2019 for 44 registered CSE students.</p> <p>14. Department of CSE has organized 3 days SDP on “Networks Simulator-2 from 30-Sept-2019 to 02-Oct-2019 for 5<sup>th</sup> sem CSE students .</p> <p>15. Department of CSE has organized Guest Lecture on “ How to write a Good Research paper” on 28-Sept-2019 for final year CSE students</p> <p><b>16.</b> Department of CSE has organized Value Added Course on “Microsoft.Net Framework &amp; its Applications on 26-Sept-2020 for 5<sup>th</sup> sem CSE students</p> <p>17. Department of CSE has organized a 2 days SDP on Android Mobile App Development from 23-Sept-2019 to 24-Sept-2019 for 3<sup>rd</sup> sem students(180)</p> <p>18. Department of CSE has organized a Guest Lecture on “IOS Application Development” on 18-Sept-2019 for 5<sup>th</sup> sem students</p> <p><b>AY: 2018-19</b></p> <p>1.Department of CSE has organized a Guest Lecture on Higher Education in India and Abroad on 25-02-2019 for 6<sup>th</sup>sem CSE students (144 Registration).</p> <p>2.Department of CSE has organized a SDP on Technical Writing in association with NOKIA on 23-03-2019 for 6<sup>th</sup>sem CSE students (79 Registration).</p> <p>3. Department of CSE has organized a 1 Workshop on Real Time Applications of Python on 23-03-2019 for 6<sup>th</sup>sem CSE students (50 Registration).</p> <p>4. Department of CSE has organized a Guest Lecture on Entrepreneurship on 02-03-2019 for CSE students (160 Registration).</p> <p>5. Department of CSE has organized a 2 days workshop on Offensive Security and Penetration Testing on 23-03-2019 to 30-03-2019 for CSE students (35 Registration).</p> <p>6. Department of CSE has organized a Value added program on Manual and Automation testing Java, Sql, DBMS, Data Structure Quantitative Aptitude , Logical Reasoning ,</p> |
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|  | <p>Verbal ability, Tenses, soft skill(GD, resume Writing, Moc Interviews, Jam Exercises from 21-01-2019 To 30-04-2019 for final year students (76 Registration).</p> <ol style="list-style-type: none"> <li>7. Department of CSE has organized a Value added program on “Full stack” from 21-01-2019 to 30-04-2019 for final year students (76 Registration).</li> <li>8. Department of CSE has Professional Body Activities and Membership – students and Faculty – CSI on 2018-19 for CSE 1<sup>st</sup> year students (142 Registration).</li> <li>9. Department of CSE has organized a Value added program on Soft Skills, Aptitude Training Program from 05-08-2018 to 20-08-2018 for final year students (76 Registration).</li> <li>10. Department of CSE has organized a 1Day workshop on “Machine Learning with Python” on 05-10-2018 for 7<sup>th</sup>sem CSE students (55 Registration).</li> <li>11. Department of CSE has organized a 2 days’ workshop on “Emerging Technologies” on 30-10-2018 to 31-10-2018 for all CSE students (70 Registration).</li> <li>12. Department of CSE has organized a Skill Development Courses on Language Lab with ORELL Techno Systems on 06-12-2018 for CSE 1<sup>st</sup> year students (174 Registration).</li> <li>13. Department of CSE has organized Co-Curricular and Extra-Curricular Activities - TCS Tech Bytes – State/National Level Competitions in 2018 for CSE students (10 Registration).</li> <li>14. Department CSE has organized a Social Awareness Programmes- Swach Bharath programme on 2018 for CSE students (25 Registration).</li> </ol> <p><b>AY: 2017-18</b></p> <ol style="list-style-type: none"> <li>1. Department of CSE has conducted an Induction Programme - Awareness on CBCS systems on 02-08-2017 for CSE 1<sup>st</sup> year students (174 Registration).</li> <li>2. Department of CSE has conducted an Induction Programme - OBE Awareness for Faculty and students on 02-08-2017 for CSE 1<sup>st</sup> year students (174 Registration).</li> <li>3. Department of CSE has conducted Industrial Visit, Internship and Industrial Training Programmes – Internship with Biztime, Bangalore in -2017 for CSE final year students.</li> <li>4. Department of CSE has organized a Value added program on Full stack from 15-01-2018 to 30-04-2018 for final year students (82 Registration).</li> </ol> |
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5. Department of CSE has organized a Value added program on Manual Testing, Java, SQL, Quantitative Aptitude, Logical Reasoning, Verbal ability, Tenses, softskill from 15-01-2018 to 30-04-2018 for final year students (82 Registration).
6. Department of CSE has organized a Skill Development Courses on Bridge Course (OOPS, concepts with C++ from 02-02-2018 to 04-02-2018 for CSE students (151 Registration).
7. Department of CSE has organized a Skill Development Courses on Bridge Course (OOPS, concepts with C++ from 11-02-2018 to 16-02-2018 for CSE 2<sup>nd</sup> year students (183 Registration).
8. Department of CSE has organized a 2 days' workshop on Cryptography, Network Security and cyber Law" on 15-02-2018 to 16-02-2018 for 6<sup>th</sup>sem CSE students (79 Registration).
9. Department of CSE has conducted an Industry Interaction on Delivery - 1 day Workshop on IOT on 15-06-2018 for CSE students (25 Registration).
10. Department of CSE has conducted an Industry Interaction on Delivery - Front end design using Angular Java Script dated on 15-02-2017 for CSE 6<sup>th</sup>sem students.
11. Department of CSE has organized a Value Added Courses on Soft Skills and Aptitude Training Program from 14-08-2017 To 24-08-2017 for final year students (82 Registration).
12. Department of CSE has conducted Industrial Visit, Internship and Industrial Training Programmes – Internship with BIZTIME,Bangalore dated on 21-08-2017 for CSE final year students.
13. Department of CSE has conducted an Industry Interaction on Delivery - Android and spring programme with hands-on session dated on 11-09-2017 to 15-09-2017 for CSE 5<sup>th</sup>sem students (71 Registration).
14. Department of CSE has organized a Student Innovation & Development - VTU Projects of under Graduate Final Year Students - Project Title: "Translation of Kannada Text, Image to English Text by processing of images using OCR. 2017-2018 for CSE final year students (05 Registration). Awarded as Best projects in HKBK college level.
15. Department of CSE has conducted a Co-Curricular and Extra-Curricular Activities - TCS Tech Bytes – State/National Level Competitions for students on 2017 (08 Registration).

**AY: 2016-17**

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|                                 | <ol style="list-style-type: none"> <li>1. A Technical talk on “<b>Cloud Computing &amp; virtualization</b>” for the final year students of CSE, conducted on 22<sup>nd</sup> Oct 2016 in the department of CSE. The speaker of the event is Mr. Sobhan Kumar, Senior Software Engineer, HP Enterprises, Bangalore.</li> <li>2. Department of CSE has conducted “<b>Swatch VKIT</b>” in the college premises on 21<sup>st</sup> Oct 2016 and the program was addressed by our beloved Principal Dr. P Giridhara Reddy on the importance of cleanliness, recycling and reusing the bio degradable &amp; dry waste. The program was successfully completed.</li> <li>3. In the remembrance of the greatest Teacher <b>Dr. Sarvapalli Radhakrishnan</b>, our UG Students have arranged <b>Teacher’s-Day celebration</b> function in the college campus on 29<sup>th</sup> Sep.2016.</li> </ol> <p><b>AY: 2015-16</b></p> <ol style="list-style-type: none"> <li>1. Conducted a technical write up and crossword competition for CS students on 31<sup>st</sup> march 2016.</li> <li>2. Conducted a technical event on “Mobile App development” on 7<sup>th</sup> April 2016.</li> <li>3. Conducted an event on “Technical Paper presentation” on 7<sup>th</sup> April 2016.</li> <li>4. Conducted a technical write up and crossword competition for CS students on 10<sup>th</sup> Aug 2015</li> </ol> |
| <p><b>Industrial visits</b></p> | <p style="text-align: center;"><b><u>Industrial Visit</u></b></p> <ol style="list-style-type: none"> <li>1. Department of Computer Science &amp; Engineering has arranged Industrial Visit for the 1<sup>st</sup> Sem students to “Livewire Technologies” on 21-Nov-19’</li> <li>2. Department of Computer Science &amp; Engineering has arranged Industrial Visit for the 7<sup>th</sup> sem students Industrial visit to C-DAC 14-Oct-2019</li> <li>3. Department of Computer Science &amp; Engineering has arranged an Industrial visit for the 6<sup>th</sup>Sem students at Infosys Limited, Mysore on 13<sup>th</sup> November 2018.</li> <li>4. Department of Computer Science &amp; Engineering has arranged an Industrial visit for the 6<sup>th</sup>Sem students at Infosys Limited, Mysore on 13<sup>th</sup> November 2018.</li> <li>5. Department of Computer Science &amp; Engineering has arranged</li> </ol>   |

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|  | <p>an Industrial visit for the 6<sup>th</sup>Sem students at Infosys Limited Electronic city, Bengaluru on 11<sup>th</sup> May 2017.</p>   |
| <b>Funds received</b>                          | <p>1. CSE department has received funds of ₹4000 from KSCST with Dr. Loganathan R as investigator entitled “Corona virus detection using digital image processing”</p> <p><b><u>Students Projects</u></b></p> <ol style="list-style-type: none"> <li>1. CSE Department final year students Won Consolation at Bytes. Cash prize Rs 5000 in Student Innovation &amp; Development – <b>“Smart glasses: Voice Assistant for visually Impaired”</b> in VTU.</li> <li>2. CSE Department final year students Awarded Best project at HKBK. Cash Prize- Rs 5000 in Student Innovation &amp; Development – <b>“An approach to Maintain Class Room Attendance”</b> in VTU.</li> <li>3. CSE Department final year students Awarded VTU – Best project Cash Prize Rs 5000 in Student Innovation &amp; Development – <b>“Smart Mirror”</b> in VTU.</li> </ol>  |
| <b>Conference/Seminar / Workshop organized</b> | <p><b>AY:2020-21</b></p> <ol style="list-style-type: none"> <li>1. Department of CSE has organized 3-Day online FDP on “Developing Multidimensional Competency in Teaching” organized by Prof.Vikram, Prof. Niranjana L, Prof. Suneetha J, Prof. Chandrakala H L and Prof. Bhagya K, from 16<sup>th</sup> to 18<sup>th</sup> of March 2021.</li> <li>2. Department of CSE has organized 5-day National Level SDP on “Future Technology Trends-opportunities and Challenges for Young Minds” in collaboration with CSI organized by Prof. Khallikkunaisa, Dr. Sharada, Prof. Niranjana, Prof. Neelam Malyadri from 29<sup>th</sup> March-2<sup>nd</sup> April 2021.</li> <li>3. Department of CSE has organized 2-day SDP on “Job Interview skills” organized by Prof. Khallikkunaisa, Dr. Deepak, Dr. Sharada, Prof. Niranjana, Prof. Husna Tabassum on 16<sup>th</sup> July and 19<sup>th</sup> July 2021</li> <li>4. Department of CSE has organized 5 Day SDP on “Future Technology trends-Opportunities and challenges for young minds” organized by Dept. of CSE from 29<sup>th</sup> March to 2<sup>nd</sup> April 2021</li> </ol> |



**AY: 2019-20**

1. Department of CSE has conducted FDP on “ Microcontroller & Embedded systems Laboratory (18CSL48) 06-Feb-20’ to 10-Feb-2020’
2. Department of CSE has organized Seminar on **Universal Human Values –UHV** on 26-Oct-2019 for first year students.
3. Department of CSE has organized a 1 day Workshop on **Stress Management** on 17-10-2019 for 30 students
4. Department of CSE has conducted a One day’ **workshop on “Entrepreneurship and Startup strategies with funding opportunities”** on 14-09-2019.
5. Department of CSE has organized a 1 day Workshop on **“Software Testing Automation Tools”** on 07-11-2019 for for 5<sup>th</sup>sem CSE students (30 Registration
6. Department of CSE has conducted 3 days FDP on “ **Analog & Digital Electronics Laboratory”** from 25-July-2019’ to 27-July-2019 ’

**AY: 2018-19**

7. Department of CSE has conducted a One day’ workshop on **“Real time application with Python”** dated on 23-03-2019.
8. Department of CSE has conducted a Two days’ workshop on **“Offensive Security and penetration testing”** dated on 29-03-2019 to 30-03-2019.
9. Department of CSE has conducted a One day’ workshop on **“Machine Learning with Python”** dated on 05-10-2018.

**AY: 2017-18**

10. Department of CSE has conducted a Two days’ workshop on **“Cryptography, Network Security and Cyber Law”** dated on 15-02-2018 to 16-02-2018.
11. Department of CSE has conducted a One day’ workshop on **“IOT”** dated on 15-06-2018.
12. A Two day workshop on **“Advanced JAVA and J2EE”** has been organized for pre final year students on 21<sup>st</sup> 22<sup>nd</sup> Sep

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|  | <p>2017 in the department of CSE.</p> <p><b>AY: 2016-17</b></p> <ol style="list-style-type: none"> <li>13. Department of CSE has conducted a Two day workshop on <b>“Datamining Tools &amp; Techniques”</b> on 1<sup>st</sup> and 2<sup>nd</sup> March 2017 for the Faculties of VTU Colleges.</li> <li>14. Department of CSE has conducted a Two day workshop on <b>“Android Application Development”</b> for the 4<sup>th</sup>Sem students of CSE, on 9<sup>th</sup>&amp; 10<sup>th</sup> March 2017.</li> <li>15. Department of CSE has conducted a Two day workshop on <b>“Java and web technologies”</b> for pre final year students on 28<sup>th</sup> to 29<sup>th</sup> March 2016</li> </ol> <p><b>AY: 2015-16</b></p> <ol style="list-style-type: none"> <li>16. Department of CSE has conducted a One day workshop on <b>“Effective Resume Writing and Interview Preparation”</b> on 13th Aug 2015.</li> <li>17. Department of CSE has conducted a One day Seminar on <b>“Infosys Road Show”</b> on 7th Sep 2015.</li> </ol>  |
|  | <ol style="list-style-type: none"> <li>1.Dr. Ramkumar has attended 12 weeks course on AICTE-NPTEL - Big Data computing course through online NPTEL portal</li> <li>2. Prof. Aarthy G has attended Four Days Online Workshop on “Artificial Intelligence and Assistive Technologies for Enhanced Learning and Inclusive Education” from '18 November to 21 November 2021 held by Diverasia, Vit, Nottingham Trent University, UK</li> <li>3. Dr. Sharada K A has attended 5 days ATAL-FDP on “Advanced topics in Machine learning” from 20/09/21 to 24/09/21 held by Rajiv Gandhi University</li> <li>4. Prof. K.Sangeetha Supriya has attended 3 days FDP on “Block chain,java spring boot,cloud native App” from 10<sup>th</sup> – 12<sup>th</sup> August 2020 held by Dept.of ISE and CSE ,HKBK college of Engineering</li> <li>5. Prof. K.Sangeetha Supriya has attended 3 days workshop on “Awareness On National Institutional Ranking Framework-Nirf” from 15<sup>th</sup> – 19<sup>th</sup> February 2021 held by Dept.of ECE ,HKBK College of Engineering</li> <li>6. Prof. K.Sangeetha Supriya has attended 5-days FDP on “Mobile Application Development” from 22<sup>nd</sup> – 26<sup>th</sup> March 2021 held by Dept.of CSE ,HKBK college of Engineering</li> </ol> |

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|  | <p>7. Prof. K.Sangeetha Supriya has attended 4-days National-level workshop on “Enabling Students towards Higher Order Thinking” from 16<sup>th</sup>-19<sup>th</sup> March 2021 held by Dept. of ECE ,HKBK college of Engineering</p> <p>8. Prof. K.Sangeetha Supriya has attended 3-days FDP on “Developing MultiDimensional Competency in Teaching” from 16<sup>th</sup>-19<sup>th</sup> March 2021 held by Dept. of CSE ,HKBK college Engineering</p> <p>9. Prof. Bhagappa has attended 5-days AICTE Training And Learning (ATAL) Academy- FDP on "Electrical &amp; Computer Engineering" from 1<sup>st</sup>-5<sup>th</sup> Feb 2021 held by AICTE Training And Learning (ATAL) Academy</p> <p>10. Prof. Suneetha J has attended a 5-Days Online Faculty Development Program on DEEP LEARNING &amp; ITS APPLICATIONS : THEORY TO PRACTICE from 6th - 10th July, 2020, organised by Dept of Computer Science &amp;Engineering, Sasi Institute of Technology &amp; Engineering,Tadepalligudem</p> <p>11. Prof. Suneetha J has attended two weeks AICTE sponsored FDP on "Recent Advances in big data analytics of IOT devices using FOG computing from Dec14-26,2020.organized by Dept of Information Technology,MRCET,Hyderabad.</p> <p>12. Prof. Suneetha J has attended one week Faculty Development Program on “DATA SCIENCE BEHIND NATURAL LANGUAGE PROCESSING” organized by the Department of Information Technology, Kakatiya Institute of Technology &amp;Science, Warangal during 6th to 10th July, 2020.</p> <p>13. Prof Smitha Kurian has attended A 5 days FDP on EMERGING TRENDS IN CYBER SECURITY from 15-06-2020 to 20-06-2020.</p> <p>14. Prof. Neelam Malyadri has attended 5 days online FDP Current trends in Machine Learning and Python from 6 to 10 July 2020, at Dayananda Sagar University.</p> <p>15. Prof. Neelam Malyadri has attended FDP on “Big data Analytics with using Spark and Scala” 27 July to 2nd Aug 2020 at Reva University</p> <p>16. Prof. Tabassum Ara has attended International conference on smart technology in computing electrical and electronics 9-10 oct 2020</p> <p>17. Prof. Tabassum Ara has attended ATAL FDP on machine learning 7-12 Dec 2020</p> |
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|  | <p>18. Prof. Tabassum Ara has attended ATAI FDP on blockchain 15019 Dec 2020 Five-Days Online Faculty Development Programme on Current Trends in Machine Learning with Python – A Hands-on Approach"</p> <p>19. Prof. Neelam Malyadri has attended online FDP “Emerging Technologies in web and data Engineering” from 1 to 5th July 2020 at Veman Insitute of Technology Bangalore.</p> <p>20. Prof. Bhagya K, Prof. Chandrakala H L and Prof. Khallikunaisa has attended A five days workshop on “Outcome Based Education and NBA Accreditation” organized by MSRIT, Bengaluru on 20th to 24th Jan 2020.</p> <p>21. Prof. Archana H has attended 10 days Workshop on “Research Methodology” at VTU, HRDC, Muddenahalli, from 17th-26th Jan, 2020.</p> <p>22. Prof. Neelam Malyadri has attended 2 days Workshop on “AWS DevOps – Docker, Ansible and Cloud Formation” at HKBKCE, Bangalore from 13th Feb-14th Feb 2020.</p> <p>23. Prof. Chandrakala HL has attended a 2 days “Holistic Approach of yoga for Women's Wellness” organized by Adhyatma Yoga Academy, Kashmir Bhavan, Bangalore on 1st March 2020.</p> <p>24. Prof. Chandrakala HL has attended a 2 days “International Conference on Philosophy and Praxis of Yoga” organized by MSRIT, Bangalore on 15th-16th February,2020.</p> <p>25. Prof. Neelam Malyadri, Prof. Khallikunaisa, Prof. Bhagya K, Prof. Husna Tabassum, Prof. Ramya KM, Prof. Sangeetha Supriya and Prof. Seema Shivapur has attended A half day workshop on “Understanding 4G/5G Wireless Communication Systems” organized by VTU, Regional Office, Bengaluru on 28th Nov 2019.</p> <p>26. Prof. Kallikkunaisa has attended a 2 days “International Conference on Engineering and Technology” organized by RGC Campus, Bangalore on 29th-30th April,2019</p> <p>27. Prof. B. Mary Nathisiya, Prof. HusnaTabassum, Prof. HalahOzhakkalLatheef, and Prof.Jenita.J has attended A six days workshop on “5G Communication Networks and its Future Perspective” has been organized from 6th Jan 2019 to 11th Jan 2019 at MSRIT Bangalore.</p> <p>28. Prof. Seema Shivapur, Prof. Radha D, Prof. Ramya KM and Prof. Mabel Christina has attended A five days workshop on “Recent Trends in Deep Learning &amp; its Applications” has been</p> |
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|  | <p>organized from 21st Jan 2019 to 25th Jan 2019 at BMSCE Bangalore.</p> <p>29. Prof.Amreen Khanum, Prof.Bhagya K, and Prof.Juveria Afreen has attended A five days “workshop on DevOps” has been organized from 21st Jan 2019 to 25th Jan 2019 at MSRIT Bangalore.</p> <p>30. Prof.Imranulla Khan and Prof. Manzoor Ahmed attended a one day workshop on “A Practical Implementation of IoT using Python &amp; raspberry Pi” Held on 19th Jan 2019 at ISM, Bangalore.</p> <p>31. Prof. Manjula H T has attended A 3 days workshop on “System software &amp; compiler design/operating system lab” organized by GAT from 17th to 19th Jan 2018.</p> <p>32. Prof. Tabassum Ara has attended A 5 days workshop on “Advanced Android &amp; Design Thinking Workshop” organized by Google, Bengaluru from 24th April 2018 to 28th April 2018.</p> <p>33. Prof. Khallikunaisa, Prof.Chandrakala H L, Prof. Pakruddin B and Mr. Mohammed Furkhan Khan has attended A 2 days “workshop on Moodle” organized by HKBKCE, Bengaluru from 24th to 25th April 2018.</p> <p>34. Prof. Bhagya K and Prof. Pushpa M has attended A one day workshop on “New Model Curriculum for first Year - B.E CBCS 2018-19” organized by MSRIT, Bengaluru on 14th May 2018.</p> <p>35. Prof. Archana H, Prof. Manjula H T, Prof. Amreen Khanum and Prof. Krishna Girish has attended A one week workshop on “IoT, Python and Data Analytics” organized by Atria Institute of Technology, Bengaluru from 18th to 24th July 2018.</p> <p>36. Prof. Manzoor Ahmed has attended A one day conference on “Knowledge Discovery in Information Technology” organized by Brindavan College of Engineering, Bangalore on 4th May 2018.</p> <p>37. Prof. Pakruddin B, Prof. Manzoor Ahmed and Prof. Kallikkunaisa has attended A two days “International Conference on Innovation in Engineering Science Technology and Management” organized by HKBKCE, Bangalore on 3rd-4th May, 2018.</p> <p>38. Prof. Kallikkunaisa has attended a one day “National Symposium on Internationalization of Higher Education ,A Paradigm Shift” organized by Dr. AIT, Bangalore on 18th Decemeber,2018.</p> <p>39. Prof. V Vijayalakshmi attended a two-day workshop on “Data Science and Analytics” Held on 20th and 21st July 2017 at Kristu Jayanti College.</p> |
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|  | <p>40. Prof. Kavya D S has Attended 6 days workshop “Distributed and cognitive technologies, business and security” conducted by MSRIT, Bangalore from 24-07-2017 to 29-07-2017.</p> <p>41. Prof. Bhagya K has Attended 3 day workshop “Computer Network Programs in Java &amp; NS2” from 10th Aug 2017 to 12th Aug 2017 conducted by SJBIT, Bangalore.</p> <p>42. Prof. Tabassum Ara has attended A one day workshop on “IoT and Cloud Computing- the coexistence” organized by ISM, Bengaluru on 28th Oct 2017.</p> <p>43. Prof. Jobin S Thomas and Prof. Preethi M has attended A one day workshop on “IoT and Cloud Computing- the coexistence” organized by ISM, Bengaluru on 28th Oct 2017.</p> <p>44. Prof. Tabassum Ara has attended A 3 Day workshop on "Web Technology &amp; its Applications" organized by SJBIT on 16th to 18th July 2017.</p> <p>45. Prof. Chandrakala H L has attended A one day conference on “Public Key Infrastructure and its Applications PKIA 2017” at Chancery Pavillian, Bangalore. Organized by C-DAC on 14th-15th November, 2017.</p> <p>46. Prof. Chandrakala H L, has attended A Three day workshop on “Workshop on Emeriging Technologies” organized by VTU, Regional Office, Bangalore, on 26th SEP 2016.</p> <p>47. Prof. Vijaya Lakshmi has attended A Six day Workshop on “Design for everything: opportunities in IOT” at MSRIT, Bangalore. Organized by C-DAC on 11th - 16th Jan 2016.</p> <p>48. Prof. Vijaya Lakshmi has attended A Six day Workshop on “Recent Trends in Video Analytics” at MSRIT, Bangalore. Organized by C-DAC on 4th - 9th Jan 2016.</p> <p>49. Prof. Loganatahan .R has attended A Three day Workshop on “Python Programming Fundamentals” at NMIT, Bangalore. on 4th - 6th Jan 2016.</p> <p>50. Prof. Chandrakala H L, has attended A Three day workshop on “Research Methodology &amp; Latex” organized by AIT, Bangalore, on 29th - 31st July 2015.</p> <p>51. Prof. Neelam Malyadri, has attended A One day workshop on “Big Data &amp; Excellent Research” organized by ACE, Bangalore, on</p> |
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|                     | <p>25th March 2015.</p> <p>52. Prof. Khallikunaisa, has attended A Two day workshop on “Big Data and Hadoop” organized by UVCE, Bangalore, on 14th -15th May 2015.</p> <p>53. Prof. Archana Hombalimath, Prof. Khallikunaisa, has attended A Two day workshop on “Computational Intelligence : Algorithms and Application” organized by RITM, Bangalore, on 27th-28th Jan 2015.</p>   |
| <b>Publications</b> | <p>1. <b>Loganathan R</b>, Kurian, S., “Novel AODV based service discovery protocol for MANETS. Wireless Netw 27, 2497–2508(2021). <a href="https://doi.org/10.1007/s11276-021-02596-0">https://doi.org/10.1007/s11276-021-02596-0</a>, <b>Springer</b></p> <p>2. <b>Loganathan R</b> and Z. Khan, "AutoLiv: Automated Liver Tumor Segmentation in CT Images," 2020 International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE),2020,pp.151-156, doi:10.1109/ICSTCEE49637.2020.9277076. <b>IEEE</b></p> <p>3. <b>Loganathan R</b>, Duba Sriveni, “Prediction of Violent-Crime Occurrence Using Deep Learning(Autoencoder)”, ISJCRESM, Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020</p> <p>4. <b>Loganathan R</b>, Ayesha Siddiqua, Gifta J.Y, Linta Ann Wilson, Lucky Sharma R “Voice Based Email For Blind”, ISJCRESM, Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020</p> <p>5. <b>Loganathan R</b>, Bi Bi Aliya,Syed Shafiq Ur Rehman,Awaiz Pasha “A Survey on Paperless Examination”, ISJCRESM, Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020</p> <p>6. <b>Loganathan R</b>, Ayesha Siddiqua, Gifta J.Y, Linta Ann Wilson, Lucky Sharma R “Prediction of Violent-Crime Occurrence Using Deep Learning(Autoencoder)”, ISJCRESM, Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020</p> |

7. **Loganathan R.**,Faizaan Ahmed Khan,Iflah Gulzar ,Imran Nazir Parray,Faizan Ali Bhat “A Survey on Prober: An automated network vulnerability scanner.)”, ISJCRESM, Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020

8. **Niranjan L**, Shwetha N., Chidanandan V., Sangeetha N. (2022) Smart Driving Assistance Using Arduino and Proteus Design Tool. In: Jeena Jacob I., Gonzalez- Longatt F.M., Kolandapalayam Shanmugam S., Izonin I. (eds) Expert Clouds and Applications. Lecture Notes in Networks and Systems, vol 209. **Springer, Singapore.**[https://doi.org/10.1007/978-981-16-2126-0\\_51](https://doi.org/10.1007/978-981-16-2126-0_51)

9. **Niranjan L**, Shwetha N., Gangadhar N., Shivaputra (2021) A Cluster-Based Distributed Cooperative Spectrum Sensing Techniques in Cognitive Radio. In: Raj J.S., Ilyasu A.M., Bestak R., Baig Z.A. (eds) Innovative Data Communication Technologies and Application. Lecture Notes on Data Engineering and Communications Technologies, vol 59. **Springer, Singapore.**  
[https://doi.org/10.1007/978-981-15-9651-3\\_20](https://doi.org/10.1007/978-981-15-9651-3_20)

10. **Niranjan L**, N. Shwetha, V. Chidanandan and N. Sangeetha, "Advance System for Driving Assistance Using Arduino and Proteus Design Tool," 2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV), 2021, pp. 1214-1219, doi: 10.1109/ICICV50876.2021.9388620 **IEEE Explore.**

11. **Niranjan L** and Priyatham M., M. (2021), "Lifetime ratio improvement technique using special fixed sensing points in wireless sensor network", International Journal of Pervasive Computing and Communications, Vol. ahead-of-print No. ahead-of- print. <https://doi.org/10.1108/IJPCC-10-2020-0165>,Emerald publication,Emerging SCI



12. **Niranjan, L.**, Venkatesan, C., Suhas, A. R., Satheeskumaran, S., & Nawaz, S. A.(2021). Design and implementation of chicken egg incubator for hatching using iot. International Journal of Computational Science and Engineering, 24(4), 363. <https://doi.org/10.1504/ijcse.2021.11701>, **Inder Science Publicaiton, Emerging SCI**

13. **Niranjan L**, Shwetha N , Sangeetha N , Anshu Deepak, “Performance Analysis of Smart Traffic Control System Using Image Processing”, International Journal of Research and Analytical Reviews, August 2020, Volume 7, Issue 3 E-ISSN 2348-1269, P- ISSN 2349-5138

14. **Niranjan L**, Dr. Sunitha H D, Nithu Shree J , Pranathi V , Aravindh A D, “Design and Implementation of Real Time Monitoring of Aquaponic System Using Atmega328p, IoT and Proteus Design Tool”, International Journal of Research and Analytical Reviews, August 2020, Volume 7, Issue 3 E-ISSN 2348-1269, P- ISSN 2349-5138

15. **Niranjan L**, Dr. Sunitha H D, Bhanuprakash Rajesh D P , Pooja R , Supritha B K “Universal Egg Incubation System for Hatching using Atemga328P, Proteus Design Tool and IoT”, International Journal of Research and Analytical Reviews, August 2020, Volume 7, Issue 3 E-ISSN 2348-1269, P- ISSN 2349-5138.

16. **Niranjan L**, R Navaneetha Krishna , , Mr. Koushik Das , Mr. Subham Gupta , Mr. Tousif Ahmed, “Design and Development of Aluminium Air Battery”, International Journal for Research in Applied Science & Engineering Technology, ISSN: 2321- 9653; IC Value: 45.98; SJ Impact Factor: 7.429, Volume 8 Issue VIII Aug 2020.

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|  | <p>17. <b>Niranjan L</b>, Sneha S Gowda , Nahetrivelo Mahitasoa Victoria , Ganthimarri Supriya, “Design and Development of Free Space Optical Communication System for Transmitting Data &amp; Voic”, International Journal for Research in Applied Science &amp; Engineering Technology, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429, Volume 8 Issue VIII Aug 2020</p> <p>18. <b>Niranjan L</b>, R Navaneetha Krishna, N Shyamsundar , Dr. C Venkatesan “Universal Egg Incubation System for Hatching using Atemga328P, Proteus Design Tool and IoT”, International Journal of Research and Analytical Reviews, August 2020, Volume 7, Issue 3 E-ISSN 2348-1269, P- ISSN 2349-5138</p> <p>19. <b>Deepak N R</b>, Mohamed Aweez Akram et.al. “ A Survey on Deepfake Analysis and Recognition using Deep Learning” , Advancement of Computer Technology and its Applications Volume 4 Issue 2, DOI: <a href="http://doi.org/10.5281/zenodo.5040481">http://doi.org/10.5281/zenodo.5040481</a>, June 29, 2021.</p> <p>20. <b>Deepak N R</b>, Mohamed Aweez Akram “A Study on Tampered Image Detection using Deep Learning” Journal of Huazhong University of Science and Technology, ISSN- 1671-4512, Volume 50, Issue 6. July 2021,</p> <p>21. <b>Deepak N R</b>, Prem Kumar B, Rohan X, Nandish M, Manoj Kumar M “A Survey on Identifying Leaf Disease using Machine Learning, Deep Learning Concepts” Journal of Advances in Computational Intelligence Theory Volume 3 Issue 2, DOI: <a href="https://doi.org/10.5281/zenodo.5171991">https://doi.org/10.5281/zenodo.5171991</a> July 2021</p> <p>22. <b>Sharada K.A</b>, Suma.T, <b>Deepak N.R</b>, “A Translator for Indian sign boards to English using Tesseract and seq2seq model”Online - Elementary Education Online, 2021; Vol 20 (Issue 5): pp. 7214-721, doi: 10.17051/ilkonline.2021.05.813</p> |
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23. K. M P and **D. N R**, "Crop Prediction Based on Influencing Parameters for Different States in India- The Data Mining Approach," 2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS), 2021, pp. 1785-1791, doi: 10.1109/ICICCS51141.2021.9432247.
24. T. N and **D. N R**, "A Convenient Machine Learning Model for Cyber Security," 2021 5th International Conference on Computing Methodologies and Communication (ICCMC), 2021, pp. 284-290, doi: 10.1109/ICCMC51019.2021.9418051.
25. **Husna Tabassum**, "Predection of Cardiac Diseases Using machine learning Algorithms"4<sup>th</sup> International Conference on Soft Computing and Signal Processing(ICSCSP-2021) Springer Advances in Intelligent Systems and Computing (AISC)Series.
26. **Khallikkunaisa**, "A Survey on Machine Learning based State wise Forecast of Covid-19 cases using SEIR and Time Series Model" in Journal of Huazhong University of Science and Technology ISSN-1671-4512
27. **Khallikkunaisa**, "Machine Learning Based State Wise Forecast of Covid-19 Cases using SEIR and Time Series Mode" .5th National Level IEEE Project Competition- 2021" Organized by IEEE Student Branch (STB17861), GSSSIETW in association with **IEEE Bangalore Section and IEEE Mysore Subsection** on 26th June 2021.
28. **Khallikkunaisa**, "Automated Crowd Management in Bus Transport Service-A Safeway during Pandemic" 5th National Level IEEE Project Competition-2021 Organized by IEEE Student Branch (STB17861), GSSSIETW in association with **IEEE Bangalore Section and IEEE Mysore Subsection** on 26th June 2021.

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|  | <p>29. <b>Khallikkunaisa</b>, A Survey on Machine Learning based State wise Forecast of Covid-19 cases using SEIR and Time Series Model selected as Jury Award for a cash prize of 1000/-in National Level Inter Collegiate Project Exhibition organize BitsNBytes, JIT, Bangalore-5TH July 2021</p> <p>30. <b>Archana Hombalimath</b>, “Effective Use cases for Insurance Domain using blockchain Technology” Journal of Seybold report, ISSN No.:1533-9211.</p> <p>31. <b>K.Sangeetha supriya,Vineeta</b>“A Survey on Face Emotion Detection Mechanism with Interaction” ISJCRESM Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020</p> <p>32. V.Ramesh,<b>K.Sangeetha supriya</b> “Identifying and detecting black hole and gray hole attack in MANET using gray wolf optimization “ Int J Commun Syst.2020;e4610. <a href="https://doi.org/10.1002/dac.4610">https://doi.org/10.1002/dac.4610</a>(scopus)</p>   |
|  | <p>1. Ramesh. Vatambeti , D. Pramodh Krishna , K. Sangeetha Supriya- A Novel Scheme for Energy Conservation and reduction in Routing Overhead of AODV for Wireless Ad-Hoc Networks- International Journal of Advanced Science and Technology Volume 29,3, March 2020.</p> <p>2. Prof. Pundalik Chavan, K. Satyanarayan Reddy- QoS Aware Video Transmission in Wireless Network: Successful and Failure Existing Technique Volume 8, Issue 5, January-2020 International.</p> <p>3. Dr. M. Selvam, Sounder RajanThennarasu and K. Srihari- A new whale Optimizer for workflow scheduling in cloud computing environment – January 2020 International.</p> <p>4. Dr. Loganathan R, Prof. Smitha Kurian- Automated Allocation of Resources for Examination System Using Genetic Algorithm – <b>Volume</b> 9,2, December 2019 International.</p> <p>5. Prof. K. Sangeetha Supriya, Ramesh. Vatambeti Link Availability Based Routing Protocol for Mobile Ad-Hoc Networks based on</p> |



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|  | <p>Link Life Time prediction – <b>Volume</b> 9,2, December 2019 International.</p> <p>6. Prof. Smitha Kurian, Dr. Loganathan R. AODV based Service Discovery Protocol with Two Hop Neighbor Information – <b>Volume</b> 8,4, November-2019 International.</p> <p>7. Prof. Ismath Unnisa, Loganathan. R Human Facial Emotion Recognition using Adaptive Sigmoidal Transfer Function in MLP Neural Network - <b>Volume</b> 9,1, October 2019 International.</p> <p>8. Prof. Chandrakala H L, Dr. Loganathan R. A Harmonized Dynamic Quality of Service Aware Data Replication Strategy in Cloud - <b>Volume</b> 8,11, September,2019 International.</p> <p>9. Prof. Tabassum Ara M. Prabhakar Multifactor Authentication and Key Management Protocol for WSN-assisted IoT Communication – <b>Volume</b> 2019/3, September 2019 International.</p> <p>10. Prof. Bhagya K , Kishan Yadav, Mrinal Ghosh , Mohammed Mohsin, Rahul Prasad Kushwaha A survey on IOT Based Smart Parking System JASC: Journal of Applied Science and Computations volume 5,12, Dec-2018.</p> <p>11. Dr. Loganathan R, Ayaan Khan, Ayesha Ameen, Deena Naushad, Mohammed Hayat S Hussain Mujawar A Survey on Solving Mental Health Problems Using Machine Learning JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>12. Prof. Juveriya Afreen, Arfa Mehak, Reshma Banu, Mounika I S, Raksha G K A Survey on Person Identification Using Soft Biometrics JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>13. Prof. Noor e Saba, Shazad Hai, Shifa, Shruthi.S, Vijay Raj.P A Survey on Intelligent Traffic Congestion Control System JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>14. Prof. Amreen Khanam, S.K. Abdul Basith, Anjana Dinesh, Mohammed Imaduddin, Noor Fathima A Survey on Smart Glasses: An audio assistant for visually impaired JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>15. Prof. Neelam Malyadri, RuksarBanu Z, Saba Sadiqa, VT</p> |
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|  | <p>Naseem Taj, Ashika B Monitoring and Maintenance of Highway bridges Using Flex Sensors JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>16. Prof. Archana Hombalimath, Adithi Miriam Thomas, Baseera M, Meghana K S, Almas Fathima A Survey on Fog Computing In Iot Based Healthcare System JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>17. Prof. Vijayalakshmi V, Nireeksha B D, Rashmi N, Sushma V B, Varsha V A Survey on Image Caption Generation using LSTM algorithm JASC: Journal of Applied Science and Computations</p> <p>18. Prof. Krishna Girish, Md. Tajdar Raza , Radha Sharma , Sandesh Singh , Sara Khan A survey on Face Detection and Face Recognition JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>19. Prof. Priya Rathod, Maaz Ahmed , Mohammed Masood Ansari, Tabish Alam, Shruthi N A survey on implementation of IoT using Blockchain with authentication and data protection JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>20. Prof. Manjula H T, Mohammed Thaha J k Mohammed Farhan R, Rahil Ahmed, Spriha Singh Iot Based Smart Mirror For A Smart Home: Mirrors I Like To Face JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>21. Prof. Khallikkunaisa, Chethan K N, Gayathri S, Hashvitha A, Kavya T V Smart Waste Management System Using IOT JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>22. Dr. Pushpa Mohan, Aafrin M Ashraf, Ayesha Jaweriya, Bharat Raina, Krithika P Survey on Human personality Prediction through Handwriting Analysis JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018</p> <p>23. Dr. Loganathan R, Ayesha Siddiqua, Gifta J.Y, Linta Ann Wilson, Lucky Sharma R A Survey Paper on Voice Mail JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>24. Prof. Chandrakala H L, SaffiyaTasneem, SafuraAfreen, Tamanna Farheen, Uzmajavaid Construction of WSN for Protection</p> |
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|  | <p>of Forest Trees Against Burglary JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.</p> <p>25. Prof. Jobin Thomas, Akhlath Faize, Muhammad Zaraar, Furquan Shafi, Syed Tahir, “Predicting the Risk of Heart Failure and Mortality of Heart Failure Patients: A survey JASC: Journal of Applied Science and Computations, Nov 2018, volume 5,11.</p> <p>26. Prof. Pakruddin B, Vishruth ND, Shreeshyam H S, Saurabh, Osama Mustaqim “A Survey on Smart Agricultural Farming Using IOT JASC: Journal of Applied Science and Computations” Nov 2018, volume 5,11.</p> <p>27. Prof. Tabassum Ara, Ali Ahmed, Akash Kumar Jain S, Mehnaz Khanam, Mohammed Lutf Threat Intelligence Sharing: A Survey JASC: Journal of Applied Science and Computations Nov 2018, volume 5,11.</p> <p>28. Prof. Smitha Kurian, Bibek Gautam, Farhan ahmed, Ganesh chaulagain, Manjunath Y A Survey on Security by Encryption of Data and Efficient Data Retrieval over Cloud JASC: Journal of Applied Science and Computations Nov 2018, volume 5,11.</p> <p>29. Dr. Loganathan R, Smitha Kurian Automation of Resource Allocation for the Conduction of Examination Using Genetic Algorithm HKBK International Journal of Engineering Science</p> <p>30. Dr. Neha Mangala and Prof. Priya Rathod Unstructured data analysis and processing using big data tool - hive and machine learning algorithm - linear regression International Journal of Computer Engineering &amp; Technology (IJCET) Volume 9, 2, 2018.</p> <p>31. Prof. Pushpa Mohan Dr. Kirann Kumari Patil Weather and Crop Prediction using Modified self-organizing Map for Mysore Region International Journal of Intelligent Engineering Systems Volume 11,2, 2018.</p> <p>32. Prof. Pakruddin B, SadiyaFirdose,ShaikArifaBanu, SuhanaTabassum, SwathiKumari M Big Data Clustering with privacy preserving International Journal for Scientific Research and Development Volume 6(3), May 2018.</p> <p>33. Prof. Arfa Bhandari, JuveriyaAfreen, Noor E Saba A Survey on Artificial Intelligence Techniques to Prevent Cyber Crime International Journals of Advanced Research in Computer Science</p> |
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|  | <p>and Software Engineering Volume 8(5), May 2018.</p> <p>34. Prof. Preethi M, Rashmi Purad, Kavya D S, Chandrakala H L “A technique for malicious node detection for adaptive data fusion in wireless sensor networks” International Journal of Scientific and Research Publications, Volume 8(6), June 2018.</p> <p>35. Prof. Archana Hombalimath, Manjula H T, AmreenKhanam, Krishna Girish Image Quality Assessment for Iris Recognition International Journal of Scientific and Research Publications Volume 8(6), June 2018.</p> <p>36. Prof. Bhagya K AN RFID FEATURED THREE LEVEL AUTHENTICATION SYSTEM FOR TENABLE TRANSACTION AND ABRIDGMENT OF ATM CARD International Journal of Creative Research Thoughts IJCRT Volume 6(2), April 2018.</p> <p>37. Neha Mangala, Prof. PriyaRathod A comprehensive Review: Internet of things IOSR Journal of Computer Engineering Volume 19,4, Aug 2017.</p> <p>38. Ismath Unnisa, Dr. Loganathan. R PCA-Adaptive RBF Neural Network Hybridization for High Speed Face Recognition International Journal of Advanced in Management, Technology and Engineering Sciences Volume 7,8, 2017.</p> <p>39. Prof. Imran Ulla khan Dr. Loganathan R. Survey on Sketch Based Image Retrieval IJSRD - International Journal for Scientific Research &amp; Development  Volume 5,9, 2017.</p> <p>40. Prof. Manzoor Ahmed, Dr. Loganathan R Survey on Techniques used to Measure Power and Energy Consumption IJSRD - International Journal for Scientific Research &amp; Development  Volume 5,9, 2017.</p> |
| <p><b>Pursuing/<br/>Continuing<br/>Education</b></p> | <ol style="list-style-type: none"> <li>1. Prof. Smitha Kurian</li> <li>2. Prof. Tabassum Ara</li> <li>3. Prof. Pundalik Chavan</li> <li>4. Prof. Manjula HT</li> <li>5. Prof. NeelamMalyadri</li> <li>6. Prof. Archana Hombalimath</li> <li>7. Prof. Bhagya K</li> </ol>  |



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|                         | 8. Prof. Chandrakala   |
| <b>Awards / Rewards</b> | <ol style="list-style-type: none"> <li>1. Prof. Sonia Maria D'Souza has received award and cash prize of ₹5000/- for outstanding performance in the field of Research</li> <li>2. Dr. Ramkumar has received award and cash prize of ₹5000/- for outstanding performance in the field of Innovative Teaching.</li> <li>3. Prof. Tabassum Ara, has received the best faculty award of the year 2018, CSI MUMBAI TECH NEXT INDIA ,” innovative application of technology tools in teaching/learning.</li> <li>4. Prof. Pushpa Mohan, is awarded second prize for the poster presentation in the 10<sup>th</sup> annual conference of Karnataka science and technology Academy 2018, held the building 18-19 January 2018.</li> <li>5. Dr. Loganathan .R, is recognized as BRONZE partner faculty under inspired-the campus connect faculty partnership model in the year 2017.</li> <li>6. Prof. JaveriaAmbareen, is recognized as BRONZE partner faculty under inspired-the campus connect faculty partnership model in the year 2017.</li> <li>7. Prof. JaveriaAmbareen, is awarded certification of appreciation for being the winner in <b>CONTENT GURU</b> Event of inspired faculty excellence awards 2017 by Infosys campus connect.</li> <li>8. Prof. JaveriaAmbareen, is awarded certification of appreciation for being the winner in the <b>DISTINGUISHED FACILITATOR</b> event of inspired faculty excellence awards 2017 by Infosys campus connect.</li> </ol> |

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| <p><b>Distinguished Alumni</b></p> | <ol style="list-style-type: none"> <li>1. Mr. Nicholas Kurian, Senior Engineer Product Development, Harman, Bangalore.</li> <li>2. Mr. Ibrahim Basha, CEO (Imperiali EPF PVT. LTD.), Bangalore.</li> <li>3. Mr. Sama Amin Umarbhai, Data Scientist, Mercedes Benz Research and Development, Bangalore.</li> <li>4. Mr. Mohammad Aamir, Team lead, Convert Cart, Bangalore.</li> <li>5. Mr. Maaz Ahmed, Consultant - Data Engineer, KPMG, Bangalore.</li> <li>6. Ms. Muffariha, BRM Developer, Atria Convergence Technologies, Bangalore.</li> <li>7. Ms. Rachita, Entrepreneur, Network marketing.</li> </ol> |
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# **HKBK COLLEGE OF ENGINEERING**

**Department of Information Science and Engineering**

**Mandatory Disclosure**

|                             |  |  |          |          |          |           |
|-----------------------------|--|--|----------|----------|----------|-----------|
| 1                           | Name of the Department   | INFORMATION SCIENCE AND ENGINEERING                                  |          |          |          |           |
|                             | Course   | B.E  |          |          |          |           |
|                             | Level  | U.G  |          |          |          |           |
|                             | 1 <sup>st</sup> year of approval by the Council  | Yes (1997)   |          |          |          |           |
|                             | Year wise sanctioned intake  | 2016-17  | 2017-18  | 2018-19  | 2019-20  | 2020-21   |
|                             |  | 120  | 120      | 120      | 120      | 180       |
|                             | Year wise Actual Admission   | 104  | 80       | 105      | 124      | 127       |
|                             | Cut off marks –General Quota   | L-36375  | L-35562  | L-27505  | L-31711  | L-43673   |
|                             |  | %86.67   | %66.66   | %87.50   | %100     | 70.50%    |
|                             |  | H-113664   | H-122675 | H-206111 | H-137765 | H-149839  |
|                             | Students passed with distinction   | 23   | 29       | 11       | 68       | 25        |
|                             | Students passed with first class   | 04   | 03       | 11       | 0        | 36        |
|                             | Students Placed  | 16   | 14       | 14       | 49       | 26        |
|                             | Average Pay package  | 3Lakhs   | 4.8Lakhs | 4.8Lakhs | 4.0Lakhs | 3.9 Lakhs |
|                             | Students opted for higher studies  | 2  | 3        | 3        | 3        | 1         |
|                             | Accreditation Status of the Course   | NAAC : B   |          |          |          |           |
|                             | Doctoral Courses   | No   |          |          |          |           |
|                             | Foreign Collaboration  | No   |          |          |          |           |
|                             | Professional Society Membership  | Faculty : ISTE, IEEE, CSI<br>College : IEEE ,CSI,ISTE Student Branch |          |          |          |           |
|                             | Professional Activities  | CSI Technical Symposium OVERLOAD C++                                 |          |          |          |           |
|                             | Consultancy Activities   | No   |          |          |          |           |
|                             | Grants Fetched   | Yes  |          |          |          |           |
| I                           | DEPARTMENTAL ASSOCIATION ACTIVITIES(ISE Forum)   |  |          |          |          |           |
| Forum Logo                  |  |  |          |          |          |           |
|                             | The ISE forum “LOGO and TAG LINE” was released on 19 <sup>th</sup> October 2014  |  |          |          |          |           |
| Donations                   |  |  |          |          |          |           |
| 1                           | Alumni of 2013, 2014, 2015 Batch donated the text books for the department library.  |  |          |          |          |           |
| Student Development Program |  |  |          |          |          |           |
| AY 2020-21                  |  |  |          |          |          |           |
| 1                           | Online SDP Webinar on “GATE AWARENESS PROGRAM” on 12 <sup>th</sup> December 2020, Resource Person Mr. Akash Pushkar, M.Tech., IIT Kanpur, Trainer GATE Academy, Bengaluru .In Association with HKBKCE-CGC(Career Guidance Cell) & GATE Academy. Organized by Prof. Sharavana .K and Prof. Asghar Pasha.<br>Platform used : Google meet   |  |          |          |          |           |
| 2                           | Online Student Development Program on “Advanced Learning Techniques in Analog and Digital Electronic Circuits” on 8 <sup>th</sup> December 2020, Resource Person Prof. Raghunandan G H, Department of Electronics & Telecommunication Engineering, BMS Institute of Technology & Management, Bengaluru. Organized by Prof. Sreekantha.B, Prof. Reshma Raj and Prof. Priyanka K.<br>Platform used : Google meet and You Tube Channel. |  |          |          |          |           |
| 3                           | Online SDP on “Web Application Development using Python on 23 <sup>rd</sup> November 2020, Resource Person Prof.Radha, Department of CSE, Amrita School of Engineering, Bangalore .In Association with ISTE Organized by Dr. Syed Mustafa-HOD-ISE and Prof. Bibina Jenifer .J  |  |          |          |          |           |



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|                   | <b>Platform used : Google meet and You Tube Channel.</b>  |
| 4                 | Online Student Development Program - Expert Talk on <b>“Smart Cities from the Ground to the Cloud: Technologies and Services”</b> on 12th November 2020, Resource Person Dr. A. R. Al-Ali Computer Science and Engineering Department, College of Engineering, American University of Sharjah, UAE, In Association with ISTE ,Organized by <b>Dr. Syed Mustafa-HOD-ISE, Prof Sharavana .K and Prof. Asghar Pasha</b><br><b>Platform used: Blackboard Collaborate.</b> |
| <b>AY 2019-20</b> |   |
| 1                 | SDP - Seminar on <b>“Career Guidance &amp; Education Awareness Program”</b> ,25th February 2020,Resource Persons Ms. Sayeda Sharifunissa, Mr. Pratik Khandelwal, Mr. Bapusaheb Patil, Web engineer, Software Developer, Moblie Engineer, Sofway Solutions, Bangalore, HKBKCE, Bengaluru@ ISE Seminar Hall.  |
| 2                 | <b>SDP on “Python Programming”</b> , 2 <sup>nd</sup> – 4 <sup>th</sup> march 2020, HKBKCE, Resource Persons Mr. K. Ravindra, chartered Secretary, Founder & Developer, Ekalavya Universys, and Bangalore. Organized by Prof. Asghar Pasha and Associate Prof. Sharavana. K, Bengaluru@ ISE Seminar Hall.  |
| 3                 | SDP on <b>“Robotics process Automation”</b> , 15th November 2019,Resource Persons Dr P.Bavitha Matharasi, Assistant Professor, Mount Carmel, Bangalore. Organized by Prof. Shagoufta Taskeen, Prof. Deepika Nair, Prof. Farnaz Khatoon, HKBKCE, Bengaluru@ ISE Seminar Hall.  |
| 4                 | <b>SDP on “Big Data Analytic”</b> ,15 <sup>th</sup> November 2019, Resource Person Dr. Parkavi.A- Associate Professor, Ramaiah Institute of Technology, Bangalore-54, Organized by Prof. Shagoufta Taskeen, Prof. Deepika Nair, Prof. Farnaz Khatoon, HKBKCE, Bengaluru@ ISE Seminar Hall.  |
| 5                 | SDP on <b>“Speed Mathematics”</b> , 13th November 2019, Resource Persons Mr. Farha Khalid, Mr Naveen.AJ, Mr. Siddappa Yalawar, Manaing partner-skill Zone skill Zone 62/1, concord plaza, leveled town, pulikeshinagar, Bangalore. Organized by Prof. Shagoufta Taskeen, Prof. Deepika Nair, Prof. Farnaz Khatoon, HKBKCE, Bengaluru@ ISE Seminar Hall.   |
| 6                 | SDP on <b>“Amazon Web Services”</b> , 23rd November 2019, Resource Person Mr.Pradeep.C ,Manager Virtualization, infrastructure Hosting and Networks, Bangalore. Organized by Prof. Chandanita Chatterjee Prof. Shagoufta Taskeen and Prof.Deepika Nair, HKBKCE, Bengaluru@ ISE Seminar Hall.  |
| 7                 | SDP on <b>“Cyber security, Data science, Digital marketing”</b> , 12 <sup>th</sup> September 2019, Resource Persons Mr. M.S.Mohan Raj, and Mr.Vinu Raja, Trainer-Cybersecurity, Prayan learning Pvt. Ltd, Kalyan Nagar Bangalore, Organized by Prof. Sharavana.K, HKBKCE, Bengaluru @ ISE Seminar Hall.   |
| 8                 | SDP on <b>“Computer Network –NS2”</b> ,21 <sup>st</sup> -22 <sup>nd</sup> August 2019, Session Speaker Dr. J Sandeep , Christ College, Hosur Road, Bangalore. Organized by Prof. Shagoufta taskeen,Prof. Chandanita Chatterjee and Prof. S K Jamil Ahmed, HKBKCE, Bengaluru @ ISE Seminar Hall.   |
| 9                 | SDP on <b>“Software Development life cycle”</b> ,9 <sup>th</sup> and 10 <sup>th</sup> July 2019, Speaker Mr. Kamalnath.R, Architect, Tata Consultancy Services(TCS). Organized by Prof. P.Devisivasankari, HKBKCE, Bengaluru@ ISE Seminar Hall.   |
| 10                | SDP on <b>“Dynamic Web Design using PHP”</b> , 29 <sup>th</sup> - 31 <sup>th</sup> July 2019, Speakers Mr. Fahad Ibrahim, project Manager, SkillMine consulting technology Private limited, Domlur. Bangalore, Resource Persons Dr. Syed Mustafa and Prof.Sharavana.K. Orgainzed by Prof.Sharavana.K and Prof. Asghar Pasha, HKBKCE,ISE Department, Bangalore   |
| 11                | SDP on <b>“DBMS Real Life Project”</b> ,16 <sup>st</sup> and 24 <sup>th</sup> August 2019 Mr. Mr. Souvik Chowdhury Senior Manager, Oracle, Prestige Tech Park, Bangalore, Organized by Prof. Chandanita Chatterjee , Prof. Deepika Nair, HKBKCE, Bengaluru@ ISE Seminar Hall.   |
| 12                | SDP on <b>“Budding Entrepreneurs”</b> ,1 <sup>st</sup> October 2020, Organized by Prof. Shagoufta taskeen,Prof. Chandanita Chatterjee, HKBKCE, Bengaluru@ ISE Seminar Hall.   |
| <b>AY 2018-19</b> |   |

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| 1                 | SDP on “IOT and CN”, Session Speakers Mr. Ram Kumar S, External Consultant and Freelancer, Jetking and Mr. Syed Zabiulla, Business Development Manager, Jetking, 27 <sup>th</sup> October 2018   |
| 2                 | SDP on “ Campus to corporate program” , Resource Persons Mr.RamaBisa- Technical Staff , Dell Ms. Kavitha Ram- Sr . Engineering Manager, Dell,Mr. Murali Mohan- Sr Engineering Manager, Dell Ms. Sumalatha- Manager, Dell, 29 <sup>th</sup> October 2018.                       |
| <b>AY 2018-19</b> |  |
| 1                 | Induction Program Organized, Mr.Khursheed Zeeshan Talk by Subject Expert on Python Language- IBM Pvt Ltd, Ms Ayesha Siddiqa(Talk on Business-Intelligence)- NetApps, Mr Nilab(Talk on Impact of Cloud & AI on Business- Oracle, 1 <sup>st</sup> -18 <sup>th</sup> August 2018. |
| <b>AY 2017-18</b> |  |
| 1                 | Placement Training conducted, Head-Training & development Step up Learning Solutions. 24 <sup>th</sup> August 2107.  |
| 2                 | SDP on “Advanced Embedded Systems”, Resource Persons Mr. RohitPrajapati, Mr. V Pawan Kumar- Field Application Engineer, Edgate Technologies. 4 <sup>th</sup> September 2017.   |
| 3                 | SDP on “Microsoft Training Workshop”, Mr.Vignesh and Team, Microsoft. 23 <sup>rd</sup> September 2017.   |
| 4                 | SDP on “SQL with Java”, Resource Person Ms. TulsiAcharya- Codilar Technologies. 25 <sup>th</sup> -26 <sup>th</sup> September 2017.   |
| 5                 | SDP on “IOT Arduino Basics”, Resource Persons Mr.AjitAshutoshKalle- Finesta Talent Transformation Services LLP,Founder, Mr.Basavaraj, Mr.Chukkala, Ms.SaiSwetha- Pinpoint Educational Services.30 <sup>th</sup> - 31 <sup>st</sup> October 2017.                               |
| 6                 | SDP on “KSCST Project Proposal” Internal Resource Persons Prof.Asghar Pasha, Prof.Sharavana.K and Prof.Heena Kouser- ISE Department. 29 <sup>th</sup> -31 <sup>st</sup> October 2018.  |
| 7                 | SDP on “Object Oriented Programming with C++”, Internal Resource Persons Dr. Syed Mustafa Prof.Aseema Sultana, Prof.HeenaKouser - ISE Department. 29 <sup>th</sup> -31 <sup>st</sup> October 2018.   |
| 8                 | SDP on “Software Testing”, Resource Persons Ms. Sumathi- KPMG Global Services, Prof.Shagufta Taskeen- Asst. Professor, HKBKCE.9 <sup>th</sup> -10 <sup>th</sup> February 2018.   |
| 9                 | SDP on “Design and Analysis of Algorithms using JAVA”, Speaker Mr. Mohammed Sikander, Senior Software Engineer, Cranes Software; Bangalore. 11 <sup>th</sup> February -2018.   |
| 10                | SDP on “Carrier guidance and higher Education” ,Speaker Mr. NAGA SAI KRISHNA. P , Senior Architect , Microsoft Tesco Unisys CTS, Bengaluru. 28 <sup>th</sup> February 2018.  |
| 11                | SDP on “Mobile Application Development”, Resource Persons Mrs. Sathy Priya K.G eaprtment of IT, CMR Institute of Management Studies. 22 <sup>nd</sup> March 2018   |
| 12                | SDP on “Cyber Security” , Resource Person Mr. Rahul Jamgade, Director, Data InfoSec Pvt. Ltd. 23 <sup>rd</sup> & 24 <sup>th</sup> March 2018   |
| <b>AY 2016-17</b> |  |
| 1                 | SDP on “Re-enforcement program on computer Networks” by Dr.Satish Babu Professor, Dept of CSE,SIT,Tumkur, 12 <sup>th</sup> March 2016.   |
| 2                 | SDP on” International Youth Day” at SAP Labs-CSR Initiative & Design Ms.Vlasta Dushil & Team, 12 <sup>th</sup> August 2016.  |
| 3                 | SDP on “Re-enforcement program on core” JAVA by Ms.Safa Albadri Senior Software Develper,IBM,Bangalore, 8 <sup>th</sup> October 2016.  |
| 4                 | SDP on “Re-enforcement program on Data Stuctures with C” by Mr. Sikander Cranes Software Private Limited, 5 <sup>th</sup> November 2016.   |
| 5                 | SDP on “Career Guidance” , Speaker Mr Jawad Ameen Senior Software Engineer at Customer Gauge,Amsterdam,Netherland, 25 <sup>th</sup> January 2017.  |
| 6                 | SDP on “Crash Course on Object Oriented Programming using C++” , Session Speakers Prof. Aseema sultana, Dr syed Mustafa and Prof. Asgar pasha, 6 <sup>th</sup> -10 <sup>th</sup> February 2017.  |
| 7                 | SDP on “Hackathon on Mobile App/ Game Development”, Resource Person Mr. Jome Jacob and Mr  |

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|                   | Adnan Nabi, Business Developer, Corona Labs,16th March 2016.  |
| 8                 | SDP on “ANIMATION AND 3D MODELLING” , Resource Person Mr. Raghu, CEO, Mr. Shridhar, Academic faculty and Mr Manish Kumar, academic head, MICROWORLD LAB.19th April 2016.  |
| <b>AY 2015-16</b> |   |
| 1                 | SDP on “ Software Testing”, Resource Persons Mr.Shivaprasad Nayak- Software Engineer,IBM India Systems Development Labs,Bengaluru.12 <sup>th</sup> March 2016.  |
| 2                 | SDP on “Mobile App Development”, Resource Persons Mr Jome Jacob, Mr Adnan Nabi- Business Developer, Corona Labs by Perkcom. 16 <sup>th</sup> March 2016.  |
| 3                 | SDP on “Animation of 3D Modeling”, Resource Persons Mr.Raghu A.S, Mr.Shridhar.- CEO,Microworld Academy. 19 <sup>th</sup> April 2016.  |
| 4                 | SDP on “Internet of Things”, Resource Persons Mr.Ajit Kalle, Mr.Govindraj Kozhipurath- Founder, Finesta Bangalore.28 <sup>th</sup> October 2016.  |
| 5                 | SDP on “SPEED READ”, Resource Persons Mr. Saud, Mr. Mansoor and Mr.Manish Kumar Founder & Program Director, iSpeedRead.in. 6 <sup>th</sup> August 2015.   |
| 6                 | SDP - Technical Seminar on “Overview of Big Data and Hadoop Eco System”, Session Trainer Ms Sahana Kumaraswamy, Infosys, Bangalore. 7 <sup>th</sup> September 2015,   |
| 7                 | SDP on “Entrepreneurial Journey” , Resource Person Co-chair Yuva Vertical,Bengaluru Chapter & Project Manager,Bosch.17th November 2015.   |
| <b>II</b>         | <b>Funds Received (KSCST,VTU FOSS, VTU Projects of Under Graduate Final Year Students)</b>  |
| <b>AY 2019-20</b> |   |
| 1                 | Prof. Galeebathullah .B received KSCST fund of Rs 4,500/- for the project titled “ <b>Smart Waste Collection and Segregation Bin4</b> ” for the project group of Ms.PAVITHRA N,M.S.RAVEENA M,M.S.SAMREEN BEGUM and Ms. AMEENA ROMAN in 2019. Karnataka State council for science and technology [KSCST] State Level , KSCST – 43rd Series of Student Project Programme : AY 2019-20.      |
| 2                 | Prof. Sharavna.K is sponsored with an amount of 5,000/- under FOSS (Free Open source Software) - VTU in 2019 for the project titled “ <b>Real Time Text to Braille and Audio Convertor</b> “carried out by Final year UG students (ARPITHA N, E SIVASUBRAMANIAN,GAJANAN NAIK and MONISH M GOWDA), VTU FOSS.   |
| 3                 | Prof. Sharavana.K received VTU Projects of Under Graduate Final Year Students AY 2019-20 fund of 5,000/- for the Project Title: “ <b>Effective identification of black money, fake currency using RFID &amp;IOT</b> ” for the project group of Ms. AFEEFA SHIRAZ,M.S.AMEENA FIRDOSE,M.S.ANEESA LAEEQ and Ms. AYESHA SHARIEF, Visvesvaraya Technological University, Belagavi, State Level |
| 4                 | Dr. Syed Mustafa .A received VTU Projects of Under Graduate Final Year Students AY 2019-20 fund of 5,000/- for the Project Title: “ <b>Real time Eye tracking for password authentication</b> ” for the project group of Mr. SYED ZAID,M.S.SYEDA ZEBA TABASSUM, Ms.TASMIYA BANU and Ms.UMME AYMUN, Visvesvaraya Technological University, Belagavi.                                       |
| 5.                | Prof. Asghar received with an amount of Rs.5000/- under VTU Project Exhibition/Competition “AVISHKAR” in 2019. for the project titled “ <b>Early identification of leaf disease’s in Wheat plant using Machine Learning</b> ” carried out by Final year UG students (Mr.AKIL K,Mr.AKSHATH D’ SOUZA,M.S.DASARI VEDASRI and Ms.GEETHA S).   |
| <b>AY 2018-19</b> |   |
| 1                 | Prof. Asghar received fund of Rs 6,000/- for the project titled “ <b>Child and Women Safety Wearable Device using IOT</b> ” under <b>VTU Project Finance Assistance</b> for Innovative Final years Projects, for the project group of (Bi Bi Khatija,Harris K. R,M. Shaista Tarannum and Nida Sayedi) Innovative Final years Projects Selected. <b>Apri/May 2019.</b>                     |
| 2                 | Dr. Syed Mustafa .A fund of Rs 6,000/- for the project titled “ <b>WATER MINERALIZER</b> ” under <b>VTU</b>   |

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|                   | <b>Project Finance Assistance</b> for Innovative Final years Projects, for the project group of (Mariam Umer, Mayank Khan Singh Dsouza, Ayesha Noorain R and Lester Xess) Innovative Final years Projects Selected. <b>Apri/May 2019.</b>   |
| 3                 | Prof. Asghar received with an amount of Rs.5000/- under <b>FOSS (Free Open source Software)</b> - VTU in 2017 for the project titled <b>“Precision Farming Using Mobile Application Development</b> “carried out by Final year UG students (Faraaz Ahmed, Faraz Ahmed, Ruman Pasha and Vinay Prathap.N), <b>VTU FOSS 9<sup>th</sup> May 2019.</b>   |
| <b>AY 2017-18</b> |   |
| 1                 | Prof. Sharavana.K received <b>VTU Projects of Under Graduate Final Year Students AY 2017-18</b> fund of 5,000/- for the Project Title: <b>“Air And Noise Pollution Monitoring And Hazardous Gas Leakage Detection System For Industrial Application”</b> for the project group of Ms. Sarah Zulfiqhar Anis Hameed, Ms. Niha Fathima A.B, Ms. Noor Ayesha Siddiqua and Ms. Shafiya Taranum, Visvesvaraya Technological University, Belagavi, <b>State Level.</b> |
| 2                 | Prof. Savithri Ramesh received VTU <b>Projects of Under Graduate Final Year Students AY 2017-18</b> fund of 5,000/- for the Project Title: <b>“Fortification of Cold Storage Management System For Farmers using IOT”</b> for the project group of Ms. Monica Seles M, Ms. Sania Riza K, Mr. Syed Mohammed Affaan and Ms. Zaiba Khanum, Visvesvaraya Technological University, Belagavi, <b>State Level.</b>  |
| 3                 | Prof. Asghar, received with an amount of Rs.5000/- under <b>FOSS (Free Open source Software)</b> - VTU in 2017 for the project titled <b>“Smart Fire Extinguisher”</b> carried out by Final year UG students (Mr. Mohammed Rayyan.S, Mr. Fayiq Ahmed K, Ms. Apoorva .V and Mr. Mohammed Irfan Khan).  |
| 4                 | Prof. Asghar Pasha received KSCST fund of Rs 5,000/- for the project titled <b>“Extensive and Effective Fire Extinguishing System for Domestic Purpose”</b> for the project group of Mr. Mohammed Rayyan.S, Mr. Fayiq Ahmed K, Ms. Apoorva .V and Mr. Mohammed Irfan Khan in 2017. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 41 <sup>st</sup> Series of Student Project Programme : AY 2017-18.                   |
| 5                 | Prof. Savithri Ramesh received KSCST fund of Rs 5,000/- for the project titled <b>“Advanced Active Detection and Prevention of Water Leakage in concealed pipes”</b> for the project group of Mr. Mario Dominic .J, Mr. Nimi V M, Ms. Rayna John and Mr. Yadav Kavya Dilip in 2017. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 41 <sup>st</sup> Series of Student Project Programme : AY 2017-18                   |
| 6                 | Prof. Shravana.K received KSCST fund of Rs 5,000/- for the project titled <b>“Fortification of Cold Storage Management System For Farmers using IoT</b> “for the project group of Ms. Monica Seles M Ms. Sania Riza K, Mr. Syed Mohammed Affaan and Ms. Zaiba Khanum in 2017. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 41 <sup>st</sup> Series of Student Project Programme : AY 2017-18                         |
| 7                 | Dr. Syed Mustafa .A received KSCST fund of Rs 6,000/- for the project titled <b>“Development of smart helmet for safety and accident detection using IOT”</b> for the project group of Ms. Jenevie Divya John, Ms. Nagma Firdous, Ms. Noor Safiya Sadiq and Ms. Shamshia Taj in 2017. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 41 <sup>st</sup> Series of Student Project Programme : AY 2017-18.                |
| <b>AY 2016-17</b> |   |
| 1                 | Prof. Sharavana.K received KSCST fund of Rs 5,000/- for the project titled <b>“Cold Storage Management System For Farmers Using IOT”</b> for the project group of Mr. Deepak Venkatesh, Ms. Megha Tatti, Ms. Prithvi G Hardikar and Mr. Syed Saqlain Ahmed in 2016. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 40 <sup>th</sup> Series of Student Project Programme : AY 2016-17.                                  |
| 2                 | Prof. Savithri Ramesh received KSCST fund of Rs 4,500/- for the project titled <b>”Development Of Data Acquisition For Underground Water And Gas Pipeline Leakage Monitoring Using IOT”</b> for the project group of Ms. NEETHI RAMAIAH, Ms. DIVYA P and Ms. POORNIMA P in 2016. Karnataka  |



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|                   | State council for science and technology [KSCST] <b>State Level</b> , KSCST – 40th Series of Student Project Programme : AY 2016-17.  |
| 3                 | Prof. Asghar Pasha received KSCST fund of Rs 4,000/- for the project titled “ <b>A Comprehensive Smart Fire Extinguishing System Powered By IOT</b> ” for the project group of Mr. Biboshan Banerjee, Mr. Praveen Kumar K, Ms. Sameerasarvath and Ms. Sabah Zakir in 2016. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 40th Series of Student Project Programme : AY 2016-17.   |
| 4                 | Prof. Savithri Ramesh received Outstanding Project Award KSCST fund of Rs 6,000/- for the project titled “ <b>Development Of Data Acquisition For Underground Water And Gas Pipeline Leakage Monitoring Using IOT</b> ” for the project group of Ms. NEETHI RAMAIAH, Ms. DIVYA P and Ms. POORNIMA P in 2016. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 40 <sup>th</sup> Series of Student Project Programme : AY 2016-17.   |
| <b>III</b>        | <b>Industrial Visit</b>   |
| <b>AY 2019-20</b> |   |
| 1                 | As part of Industry Visit Program for 5th Semester ISE students from HKBK College of Engineering Visited <b>C-DAC(Centre for Development Advance Computing)</b> , Knowledge Park No 1, Opp. HAL Aero engine Division Old Madras Road, (Next to Byappanahalli Metro Station), Bangalore, on 26th November 2019.  |
| 2                 | As part of Industry-Academia program, a visit to <b>Livewire Technologies</b> , Bengaluru. Final year students aspiring to be placed from Information Science and Engineering visited Livewire Technologies on <b>5th November 2019</b> under the banner “ <b>Prayan Learning Private Lmtied</b> ” to enhance their Technical skill sets, Exposure on new technology and tools, Inspiration to join corporate. This visit was organized and coordinated by Prof Sharavana .K, Project initiator, Associate Professor, Department of ISE HKBKCE.     |
| 3                 | Final year girl thirty students aspiring to be placed from computer science and engineering, information science and engineering and electronics and communication branches visited <b>Dell EMC Corporation on 22nd April 2019</b> under the banner “Technology for Women” to enhance their motivational skill and get inspiration to join corporate.   |
| <b>AY 2018-19</b> |   |
| 1                 | As part of Industry- Academia program, a visit to <b>Infosys Limited, Mysore DC</b> was arranged for HKBKCE student by Information Science and Engineering Department. Around 153 students (CSE – 59, ECE - 46 and ISE - 48) with three department HOD’s Dr. Syed Mustafa, Prof, Dr. Loganathan R and Prof. Hussain Ahmed. six faculty members (Prof. Sharavana .K, Prof. Farnaz Khatoon, Prof. Preethi M, Prof. Juveriya Afreen, Prof Zahira, Prof. Shireen Fathima, Prof. Jobin Thomas) had <b>visited Infosys campus on 13th November 2018</b> . |
| 2                 | As part of Industry- Academia program, a visit to <b>Infosys campus, Mysore DC</b> had been arranged for HKBKCE student by Information Science and Engineering Department. Around 86 students (CSE – 55 and ISE 31 ) with four faculty members Prof, Sharavana .K, Prof. Rashmi Purad, Prof. Kavya and Prof. Reshma S Hebbar had visited <b>Infosys campus on 6<sup>th</sup> April 2018</b> .   |
| <b>AY 2017-18</b> |   |
| 1                 | As part of Industry- Academia program, The Training-Workshop conducted on 23 <sup>rd</sup> September 2017 at Microsoft India Private Limited, Embassy Golf Links Business Park, Challaghatta, Bengaluru. The members of the training team were Mr. Alagunila Meganathan Assistant Professor, Department of Master of Computer Applications, Paavai Institutions in Namakkal, Tamilnadu, India  Microsoft MVP   C# Corner MVP on 23 <sup>rd</sup> September 2017.  |
| 2                 | As part of Industry- Academia program, a visit to Infosys Limited, <b>Bengaluru DC</b> was arranged for HKBKCE student by Information Science and Engineering Department. Around 80 students (CSE – 55 and ISE 25 ) with four faculty members (Prof, Sharavana .K, Prof. Aasha Sultana, Pro. Adeel Ahmed Khan and Prof. Pakruddin .B) had <b>visited Infosys campus on 11th May 2017</b> .  |

**AY 2016-17**

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| 1 | On receiving the letter of permission from Chiranjeev Brahma, Country manager SAP University Alliances India. The students of pre-final year and final years from Information Science and Engineering with accompanying staff (Industrial visit coordinator Mr. SHARAVANA .K, went to the to SAP LABS PRIVATE LTD, #138,EPIP Zone, Whitefield , Bangalore <b>on 12<sup>th</sup> August 2016</b> . The CSR Initiative and Design Thinking Challenge Create #TheWorldYouWantToLiveIn conducted at SAP Labs, Bangalore during International Youth Day. |
| 2 | On receiving the letter of permission from CHIRANJEEV BRAHMA, Country manager SAP University Alliances India. Students of V and VII semester Information Science and Engineering with accompanying by Prof. SHARAVANA .K and Prof. Aaesha Sultana went to the industrial visit to the SAP LABS PRIVATE LTD, #138,EPIP Zone, Whitefield , Bangalore <b>on 31 st August 2106</b> .  |

**IV Students Achievements****1 Students Publications****AY 2020-21**

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| 1  | Ruban T, Sagar H, Shashank C, Sachin S Mural, " <b>Diabetic Retinopathy Detection Using ML</b> ", International Journal of advanced Research in Computer and Communication Engineering, Volume:10 Issue:07 July 2021                                   |
| 2  | Mohammed Saqib, Laurel V S, Mohammed Afnaan Ahmed, " <b>A Chat Bot For VTU</b> ", International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue:06 July 2021  |
| 3  | Bharath ,K Prema S, Shashikala P, Tejaswini N, " <b>Autonomous Car</b> ", International Research Journal of Engineering and Technology (IRJET), Volume:08 Issue:06 July 2021   |
| 4  | Abdullah Shareef, Mohammed Owais, Mohammed Shahid, " <b>Augmented Reality E- Commerce Assistant System: Trying While Shopping</b> ", International Journal of Innovative Research in Science, Engineering and Technology, Volume:10 Issue:07 July 2021 |
| 5  | Asutosh Pandey, Abhishek Kumar, SahSarfraaz Mohammad, Makrod Mubbaseer, " <b>Stock Price Value Prediction of a Company</b> " International Research Journalof Engineering and Technology (IRJET), Volume: 08 Issue: 06 July 2021                       |
| 6  | Md Atique Bokhari, VMd Hussain, Bipin Harsh Narnot, " <b>Road Accident Prediction using Machine Learning</b> ", International Research Journalof Engineering and Technology (IRJET), Volume: 08 Issue: 07 July 2021                                    |
| 7  | Jaffar Sadiq Ramiz Hussain Ayesha Hussain Farhan Yunus, " <b>Stress detection through AI based Facial landmarks and Neural network</b> ", Journal of Huazhong University of Science and Technology, Volume: 50 Issue: 07   July 2021                   |
| 8  | Afnan Khan, Chaithra G, Sumaiya, " <b>Phishing Email Detention using Improved RCNN Model</b> ", Journal of Huazhong University of Science and Technology, Volume:50 Issue 06 June 2021   |
| 9  | Fizath Ul Aien, Fathima Azra, Noor Ayesha, Nasreen Banu M, " <b>Plastic Recycling based Smart and Secure Mobile Charger for Public Places</b> ", Journal of Huazhong University of Science and Technology, Volume:50, Issue:06 June 2021               |
| 10 | Milancy S T, Misbah Fathima, MSheba Begum, Shravani Dv, " <b>Survey on GRAMA VIKAS: ASmart Model For Rural Development</b> ", Journal of Huazhong University of Science andTechnology, Volume 50 Issues 07 June 2021                                   |
| 11 | Hari Prasad, Hrithik C, Nagajyothi MS, Rakshitha S, " <b>Face based CCTV Attendance Monitoring System Using Deep Face Recognition</b> ", International Research Journalof Engineering and Technology (IRJET), Volume: 08 Issue:06 June 2021            |

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| 12                | Huzefa R, Shagufa Tazeen, Yashashwini G C, Farhan Ahamed, " <b>A Device for Dumb and People with Usher's Syndrome using IOT</b> ", International Journal Scientific and Indian Research, Accepted  |
| 13                | Abhishek Vishvakarm, Divyraj Singh Memon, Uzma Nandini, " <b>Phishing Website Detection Based On Multidimensional Features driven by Deep Learning</b> ", International Journal of Engineering Applied Sciences and Technology, Volume:01 Issue:08 2021                                |
| <b>AY 2019-20</b> |  |
| 1                 | E Sivasubramanian, Arpitha , Monish M Gowda, Gajanan Manjunath Naik, " <b>Real-Time Text to Braille and Audio Converter</b> " International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 08   Aug 2020  www.irjet.net, e-ISSN: 2395-0056 p-ISSN: 2395-0072 |
| 2                 | Abubaker Siddique, Mohammed Faizan " <b>Estimation of Driver's Level of Drowsiness and Alcohol Intoxication using Arduino</b> " International Research Journal of Engineering and Technology (IRJET) Volume 07 Issue : 08   Au 2020   www.irjet.net/volume7-issue8                     |
| <b>AY 2018-19</b> |  |
| 1                 | Bi Bi Khatija,Harris K. R,M. Shaista Tarannum and Nida Sayedi - " <b>A Literature Survey on Child Safety Wearable Device</b> " International Journal of Research in Engineering, Science and Management-Volume-2, Issue-5, May-2019 www.ijresm.com   ISSN (Online): 2581-5792          |
| 2                 | Bi Bi Khatija,Harris K. R,M. Shaista Tarannum and Nida Sayedi -" <b>A Literature Survey on Child Safety Wearable Device</b> " International conference on Innovation in Engineering Science Technology and Management- ICIESTM-19, HKBKCE,3rd and 4th May 2019.                        |
| 3                 | Babitha S,Afreen Bokhari,Nadiya Sayedi and Anitha P-" <b>IOT Based Smart Talking Energy Meter</b> " International conference on Innovation in Engineering Science Technology and Management. ICIESTM-19 HKBKCE 3rd and 4th May 2019.   |
| 4                 | Babitha S,Afreen Bokhari,Nadiya Sayedi and Anitha P-" <b>IOT Based Smart Talking Energy Meter</b> " International Journal of Research in Engineering, Science and Management.IJRESM Volume-2, Issue-5, April 2019.   |
| 5                 | D. Padma Bhavani,Hanidia Misbah S. S,Madhu Shree M. S and Mamtha H. L- " <b>Smart Baby Cradle Based on IOT</b> " International conference on Innovation in Engineering Science Technology and Management. ICIESTM-19 HKBKCE 3rd and 4th May 2019.                                      |
| 6                 | Monisha S,Namratha K. S,Pavithra S and Minnie Peter-" <b>IOT Based Irrigation System with/Without Internet and pump set control.</b> "- International conference on Innovation in Engineering Science Technology and Management.- ICIESTM-19,HKBKCE 3rd and 4th May 2019.              |
| 7                 | Pavithra V,Rismen Mina A,Saneyyah Seemeen and Farsana Banu M-" <b>Bus Boarding Assist system for Blind using IOT</b> "- International conference on Innovation in Engineering Science Technology and Management.- ICIESTM-19 HKBKCE 3rd and 4th May 2019.                              |
| 8                 | Pavithra V,Rismen Mina A,Saneyyah Seemeen and Farsana Banu M- " <b>Survey on Design of Bus Boarding Assist System For Blind Using IOT Technology</b> "- International Journal of Scientific Research & Engineering Trends- Volume 5, Issue 1, Jan-Feb 2019.                            |
| 9                 | Faraaz Ahmed,Faraz Ahmedm,Ruman Pasha and Vinay Prathap.N, " <b>Precision Farming using Mobile Application Development: SaaS</b> "- International Journal of Research in Engineering, Science and Management. Volume-2, Issue-2, February 2019.  |
| 10                | Vandana Yadav,Prachi Suresh Holagi,Shifali Khan and Misbha Afreen-" <b>Water Monitoring and Billing System using IOT and cloud server(AWS)</b> " - International Journal OF Scientific & Engineering Research - Acceptance Certificate ISSN 2229-5518 9 <sup>th</sup> December 2018.   |

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| 11                | Aradhana Sharma,Ayesha Ruman- <b>“Advance Walking Stick For Blind”</b> - International conference on Innovation in Engineering Science Technology and Management - ICIESTM-19 HKBKCE 3rd and 4th May 2019.  |
| 12                | Mariam Umer,Mayank Khan Singh Dsouza,Ayesha Noorain R and Lester Xess- <b>“WATER MINERALIZER”</b> - International conference on Innovation in Engineering Science Technology and Management.- ICIESTM-19 HKBKCE 3rd and 4th May 2019.   |
| <b>2</b>          | <b>Student Best Projects</b>  |
| <b>AY 2020-21</b> |   |
| 1                 | Fizath Ul Aien, Fathima Azra, Noor Ayesha, Nasreen Banu M, <b>"Plastic Recycling Based Smart and Secure Mobile Charger for Public Places"</b> KSCST Project Finance Assistance for Innovative Final years Projects Cash Prize Amount Rs. 5,000/-  |
| 2                 | Samreen Fathima, L Sayeeda Zainab, Taskeen Fathima, Umme Haneer, <b>"Analysis and Monitoring Air quality using RASPBERRY Pi"</b> , KSCST Project Finance Assistance for Innovative Final years Projects Cash Prize Amount Rs.5,000/-  |
| 3                 | Bharath K, Prema S, Shashikala P, Tejaswini N, <b>"Autonomous Car"</b> , 1. KSCST Project Finance Assistance for Innovative Final years Projects 2. Nominated as Best Project in Project exhibition 2020-21 conducted by HKBKCE, Bangalore. Cash Prize Amount Rs.5,000/-  |
| 4                 | Rajkiran, MichaelSara Khanum, Shalini Gowda, Tajuddin, <b>"Contactless Detection OfCovid 19 Using Deep Learning With X-Ray Images"</b> 1. VTU Project Finance Assistance for Innovative Final years Projects State Level 2. Nominated as Best 3rd Project in Project exhibition 2020-21 conducted by HKBKCE Bangalore, Selected |
| 5                 | Firoj Alam, Shiwam Nishad, RAnkit Kumar, Abhishek Rana, <b>"Crop Yield Prediction Based On Indian Agriculture"</b> VTU Project Finance Assistance for Innovative Final years Projects State Level, Selected   |
| 6                 | Mohammed Waseem, Mohammed Yaseen Nabil Ali, Tamim Ahmed, <b>"Laptop Assistance"</b> , Nominated as Best 2nd Project in Project exhibition 2020-21 conducted by HKBKCE, Bangalore.   |
| <b>AY 2019-20</b> |   |
| 7                 | Mariam Umer,Mayank Khan Singh Dsouza,Ayesha Noorain R and Lester Xess- <b>“WATER MINERALIZER”</b> VTU Project Finance Assistance for Innovative Final years Projects State Level Cash Prize Amount Rs. 5,000/-  |
| 8                 | Bi Bi Khatija,Harris K. R,M. Shaista Tarannum and Nida Sayedi- <b>“A Literature Survey on Child Safety Wearable Device”</b> VTU Project Finance Assistance for Innovative Final years Projects State Level Cash Prize Amount Rs. 5,000/-  |
| 9                 | Babitha S,Afreen Bokhari,Nadiya Sayedi and Anitha P-” <b>IOT Based Smart Talking Energy Meter”</b> International conference on Innovation in Engineering Science Technology and Management.Best Paper Award Certificate   |
| 10                | Faraaz Ahmed,Faraz Ahmed,Ruman Pasha and Vinay Prathap.N- <b>“Precision Farming Using Mobile Application Development”</b> ,VTU, Belagavi, VTU FOSS Project AY-2018-19 Cash Prize,Amount Rs. 5,000/-   |
| 11                | D. Padma Bhavani,Hanidia Misbah S. S,Madhu Shree M. S and Mamtha H. L, <b>“Smart Baby Cradle Based on IOT”</b> ,HKBK Group of Institutions, Bengaluru,Cash Prize,Amount Rs. 5,000/-   |
| <b>3</b>          | <b>Students Skilled NPTEL Online Certification Courses</b>  |
| 1                 | Ms. Sarvath Saba, 4 <sup>th</sup> Semester completed the course on <b>“Ethical Hacking”</b> with a consolidated score of <b>51%</b> on July-October 2019(12 week course)  |
| 2                 | Ms. Asra Zulfiqhar, 4 <sup>th</sup> Semester completed the course on <b>“Introduction to Programming in C”</b> with a   |



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|          | <b>consolidated score of 54%</b> on July-September 2019(8 week course)   |
| 3        | Mr. Arshadkhan A Jahagirdar 4 <sup>th</sup> Semester completed the course on “ <b>Cloud Computing</b> ” with a <b>consolidated score of 64%</b> on August-October 2019(8 week course)            |
| 4        | Mr. Arshadkhan A Jahagirdar 4 <sup>th</sup> Semester completed the course on “ <b>Software Engineering</b> ” with a <b>consolidated score of 69%</b> on July-October 2019(12 week course)        |
| 5        | Mr. Mohammed Saeed 4 <sup>th</sup> Semester completed the course on “ <b>Cloud Computing</b> ” with a <b>consolidated score of 54%</b> on August -October 2019(8 week course)                    |
| 6        | Mr. Mohammed Saeed 4 <sup>th</sup> Semester completed the course on “ <b>The Joy of Computing Using Python</b> ” with a <b>consolidated score of 73%</b> on July-October 2019(12 week course)    |
| 7        | Mr. Mohammed Saeed 4 <sup>th</sup> Semester completed the course on “ <b>Cloud Computing</b> ” with a <b>consolidated score of 54%</b> on August -October 2019(8 week course)                    |
| 8        | Mr. Syed Mohammed Idris, 6 <sup>th</sup> Semester completed the course on “ <b>Ethical Hacking</b> ” with a <b>consolidated score of 66%</b> on July-October 2019(12 week course)                |
| 9        | Mr. Rajkiran Michael, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 46%</b> on July-September 2019(8 week course)      |
| 10       | <b>Ms.Fathima Azra, 5<sup>th</sup> Semester completed the course on “ The Joy of Computing Using Python” with a consolidated score of 72% on July-October 2019(12 week course)</b>               |
| 11       | Mr. Haithik chandrashekar, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 65%</b> on July-September 2019(8 week course) |
| 12       | Ms. Nasreen Banu M, 5 <sup>th</sup> Semester completed the course on “ <b>Python for Data Science</b> ” with <b>consolidated score of 58%</b> on August-September 2019(4week course)             |
| 13       | Mr. Bharath K, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 59%</b> on July-September 2019(8 week course)             |
| 14       | Ms. Misbah Fathima M, 5 <sup>th</sup> Semester completed the course on “ <b>Python for Data Science</b> ” with <b>consolidated score of 63%</b> on August-September 2019(4week course)           |
| 15       | Mr. Ruban 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 62%</b> on July-September 2019(8 week course)                  |
| 16       | Mr. Mohammed Shahid, 5 <sup>th</sup> Semester completed the course on “ <b>Python for Data Science</b> ” with <b>consolidated score of 65%</b> on August-September 2019(4week course)            |
| 17       | Mr. Scahin S Mural, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 50%</b> on July-September 2019(8 week course)        |
| 18       | Mr. Shashank .C, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 51%</b> on July-September 2019(8 week course)           |
| 19       | Ms. Sheba Begum, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 46%</b> on July-September 2019(8 week course)           |
| 20       | Ms. Sharavani D V, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 72%</b> on July-September 2019(8 week course)         |
| 21       | Ms. Suraksha N, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 50%</b> on July-September 2019(8 week course)            |
| 22       | Ms. Subblakshmi, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 60%</b> on July-September 2019(8 week course)           |
| 23       | Ms. Soumya S, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 77%</b> on July-September 2019(8 week course)              |
| 24       | Mr. Tajuddin S, 5 <sup>th</sup> Semester completed the course on “ <b>Data Base Management System</b> ” with a <b>consolidated score of 54%</b> on July-September 2019(8 week course)            |
| 25       | Mr. Abdullah Shareef, 5 <sup>th</sup> Semester completed the course on “ <b>Python for Data Science</b> ” with <b>consolidated score of 69%</b> on August-September 2019(4week course)           |
| <b>4</b> | <b>Students Participation in Co curricular and Extra Curricular activities</b>   |

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| <b>AY-2019-20</b> |   |
| 1                 | Arpitha N, Ayesha Sharief, Monish M Gowda, Bopanna N S, Anto Vivek Participated in <b>IICDC- India Innovation Challenged Design Contest 2019 – Project title “The Visionary”</b>  |
| 2                 | Mr. Abubaker and Mr. Ubair were awarded with the certificates and goodies <b>TCS Tech Bytes Quiz Competition – The Regional Round @ JSS Science and Technology, Mysore</b> on 8th March 2019 and secured 4th place scoring 300 points.  |
| <b>AY-2018-19</b> |   |
| 1                 | V & VII Students participated in TCS Tec bytes quiz held at SJC, Mysuru on 08/03/2018.  |
| 2                 | Iflah Gulzar (1st sem) and Team Rishi Raj Singh (1st sem J sec) of 1st year won First Prize in Basketball for Girls and Chess- College Sports Day   |
| 3                 | Santosh Chaudhary (J sec) of 1st year won Third Prize in Chess- College Sports Day  |
| 4                 | Shagufta Naaz and Shahina Banu (5th sem), Arpitha and Team ( 5th, 3rd, 1st sem) won First Prize in Carrom Doubles, Throwball for Girls - College Sports Day   |
| 5                 | Harsh Narnot and Team ( 5th, 3rd, 1st sem) won Second Prize in Basketball for Boys- College Sports Day  |
| 6                 | Mohd. Afreedi and Team ( 5th, 3rd, 1st sem) won Third Prize in Cricket - College Sports Day   |
| 7                 | Shagufta Naaz, Ayesha Sharief, Chandini K, Mohamed Naufil Adnaan, Mohammed Faizan, Samreen Taj, Shazma, Shivam Anand, Soham Kole, Shashank, Ruban T, 5th and 3rd semesters- Drug Awareness Program 2018-19- MIME and FlashMob – Participated  |
| 8                 | Ruban T – 3rd Semester- Drug Awareness Program 2018-19, Poster / Placard Making won First Prize   |
| 9                 | Lester Xess Participated in Janani 2018 VTU Fest, Bhalki, Bidar District, 2018-19, Western Vocal Solo and Group Singing.  |
| 10                | Mohd. Zuhaib Participated in Janani 2018 VTU Fest, Bhalki, Bidar District, 2018-19, Group singing Indian.   |
| 11                | Mohd. Zuhaib Participated in Janani 2018 VTU Fest, Bhalki, Bidar District, 2018-19, Poster Making   |
| 12                | Umme Juveria Abrar, Samreen Begum, Saima Fathima K, Saba Naaz, Jones Participated in Janani 2018 VTU Fest, Bhalki, Bidar District, 2018-19, Skit.   |
| 13                | Shagufta Naaz, Chandni K, Ayesha Sharif, Sheshank C, Sagar H, Ruban T Participated in Soham Kole, Janani 2018 VTU Fest, Bhalki, Bidar District, 2018-19, MIME.  |
| 14                | Ruban T Participated in Janani 2018 VTU Fest, Bhalki, Bidar District, On Spot Painting.   |
| <b>AY-2017-18</b> |   |
| 1                 | Ms. Vandana Yadav, Ms. Ameen Roman, Participated Certificate and 1st Prize on Event Name:: “Beg Borrow Steel” In Technical Event “ TECH CORONA -2”  |
| 2                 | Ms. Misbah Afreen, Ms. Aradhana Sharma, Ms. Pavithra S, Mr. Mohammed Rayyan, Ms. Pavithra .S, Mr. H.R. Harris, Mr. Vinay Prathap, Mr. Paul George, Ms. Ruman Pasha, Mr. Shiva Prasad, Mr. Mohammed Maanish, Participate and Received Certificate, Event Name: “Beg Borrow Steel” In Technical Event “ tech corona -2” |
| <b>AY-2016-17</b> |   |
| 1                 | Mr. Deepak Venkatesh, Ms. Megha Tatti, Ms. Prithvi G Hardikarm, Mr. Syed Saqlain Ahmed.- Participated in Project Exhibition in HKBKCE Project Title "Cold Storage Management System for Farmers based on IOT" .   |
| <b>AY-2015-16</b> |   |
| 1                 | Mr. Mario Dominic, Ms. Rayna John, Participated in National Conference Paper Presented Title : “Role Based Transaction Coordinator for Distributed, Web Service Transactions”, CMRIT.   |
| 2                 | Ms. Roqsar R.H, Ms. Ayesha Yunus Modi, Ms. Neethi Ramaiahri, Ms. Shariqa Mohammed and Ms. Syeda Farha, Participated in National Level Championship on “ Android Controlled Robotics” HKBKCE.  |
| 3                 | Ms. Sharanya, Ms. Preethi, Ms. Indumathi, won 1st Prize in National Level Competition Innovative Project  |

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|  | Title : Smart Billings at M/s Virtusa Pvt Ltd  |
| 4  | Ms. Adiba, Ms. Indumathi, Ms. Swarnalatha and Ms. Nayana, won 1st Prize in National Level Project Competition organized by AICTE. Title : Visual Inspection & Crack detection on rail track at ALPHA College of Engineering.   |
| 5  | Mr. Varun, Ms. Aishwarya, Ms. Sheeba Farheen, won 2nd Prize in National Level Project Competition organized by AICTE. Title : Visual Inspection & Crack detection on rail track at ALPHA College of Engineering.   |
| 6  | Ms. Prithvi G Hardikar- Participated in Conference Paper presented “ A Review on security in mobile communication Technology” at City Engineering College.   |
| 7  | Ms. Roopa D, Ms. Amreen A R, Ms. Geetha L won Best Project Award and Certificate Curriculum, Project Exhibition AY 2015-16: Title : Control based Irrigation System with GSM at HKBKCE.  |
| <b>5</b>                                   | <b>Distinguished Alumni</b>  |
| 1  | Ms. Pavithra V, Ms. Nida Sayedi and Ms. Nadiya Sayed got placed in <b>Sonata Software in the year 2019-20 with the package of 3.75 LPA.</b>  |
| 2  | Ms. Prachi Holagi has been offered software engineering position with the package of <b>3.36 LPA by TCS.</b>   |
| 3  | Ms. Mamtha H L has been offered software engineering position with the package of <b>3.75 LPA by Accenture.</b>  |
| 4  | Ms. Misbha Afreen got placed in <b>Oracle, Bengaluru during 2019-20</b>  |
| 5  | Ms. Rayna John got placed in <b>HP, with the 3.25 LPA.</b>   |
| 6  | Ms. Nimni V got placed in <b>Torry Harris with the package of 4.1 LPA.</b>   |
| 7  | Ms. Yadav Kavya <b>Dilip in Mindtree with the 3.8 LPA.</b>   |
| 8  | Mr. Mohammed Rayyan S, Entrepreneur of VIZYON Technologies #19/4-2, 3rd cross, Dinnur, Main Road, Opp. Navodaya, School, RT Nagar Post, Bengaluru -560 032., +91 9880731164, 080-23330777, <a href="mailto:rayyan@vizyontec.com">rayyan@vizyontec.com</a> , <a href="http://www.vizyontec.com/contactus.html">http://www.vizyontec.com/contactus.html</a>  |
| <b>V</b>                                   | <b>EVENTS ORGANISED</b>  |
| <b>Faculty Develop Programme Conducted</b> |  |
| 1  | Online AICTE Sponsored 6 Days Online Short Term Training Program (STTP) on “ <b>Python and Mobile Application Development</b> ” was conducted on Phase – 1: 13th to 18th August 2020, Phase – 2: 3rd to 8th September 2020 and Phase -3 : 24th to 29th September 2020, Eminent Speakers from various industries and universities. Program Coordinator Dr. A. Syed Mustafa, Professor & HOD, Dept. of ISE and Prof. Sharavana .K,<br><b>Platform used: Google Meet, WhatsApp Group</b>  |
| 2  | Online FDP on “ <b>Block Chain, Java Spring Boot, Cloud Native App</b> ” was organized by Information Science and Engineering and Computer Science and Engineering, In Association with ISTE, Session Speakers Dr. Manish Kumar Jain - Block Chain Architect and Data Scientist, Ms. Safa Albadri - Developer lead, Aditi Consulting, Bangalore and Alumni Mr. Nilabh Nikunj - Senior Member of Technical, VMware R&D, (Cloud service Business Unit), Support, ALS. 10 <sup>th</sup> – 12 <sup>th</sup> August 2020, at HKBK, Bangalore<br><b>Platform used: Google Meet, WhatsApp Group</b> |
| 3  | FDP on “ <b>Microcontrollers &amp; Embedded System Laboratory</b> ” was organized by Information Science and Engineering and Computer Science and Engineering, Session Speaker Mr. Raghavendra Prasad Yadav, Customer Support, ALS. 06 <sup>th</sup> – 10 <sup>th</sup> February 2020, at HKBK, Bangalore.   |
| 4  | FDP on “ <b>MS OFFICE</b> ” was organized by Information Science and Engineering, Speakers Dr. A. Syed Mustafa, Professor and HOD-ISE, Prof. Asghar Pasha and Prof. Sharavana.K, 17th – 19th July 2019, at HKBK, Bangalore.  |
| 5  | FDP - Workshop on “ <b>MOODLE- Modular Object Oriented Dynamic Learning</b> ”, organized by Dr. A. Syed Mustafa, Prof. & HOD, Department of ISE and ISE Faculties, 24 <sup>th</sup> -25 <sup>th</sup> April 2018, at HKBKCE,   |

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|   | Bangalore.   |
| 6   | FPD on “ <b>Analog &amp; Digital Electronics And Data Structures with C Laboratories</b> ”, organized by Dr. A. Syed Mustafa , Prof. & HOD, Department of ISE and ISE Faculties, 21 <sup>st</sup> -25 <sup>th</sup> July 2016, at HKBKCE, Bangalore(collaboration with CSE Department ). |
| <b>Online E-QUIZ CONDUCTED</b>  |  |
| 1   | Dr. A. Syed Mustafa , Prof. & HOD, <b>Python Quiz Series-3</b> in Association with HKBK-ISTE Chapter and HKBKCE-Innovation club from 29 <sup>th</sup> June 2020. E-certificate is provided to all the participants   |
| 2   | Prof. SK Jamil Ahmed, <b>Data Mining and Data Warehousing Series-3</b> “in Association with HKBK-ISTE Chapter and HKBKCE-Innovation club from 28 <sup>th</sup> July 2020. E-certificate is provided to all the participants  |
| 3   | Prof. Sharavana .K and Prof. Asghar Pasha “ <b>Big Data Analytics Series -3</b> “ in Association with HKBK-ISTE Chapter and HKBKCE-Innovation club from 31 <sup>st</sup> July 2020. E-certificate is provided to all the participants  |
| <b>Faculty Development Program : WORKSHOP/TECHNICAL TALK/FDP ATTENDED</b> |  |
| <b>AY 2019-20</b>   |  |
| 1   | Prof. Shagoufta Taskeen, Participated in “Predictive analytics with Amazon web service”, 15 <sup>th</sup> -20 <sup>th</sup> July 2019, at MSRIT, Bengaluru.  |
| 2   | Prof. Deepika Nair, Participated in “Predictive analytics with Amazon web service”, 15 <sup>th</sup> -20 <sup>th</sup> July 2019, at MSRIT, Bengaluru.   |
| 3   | Prof. Chandanita Chatterje, Participated in “Predictive analytics with Amazon web service”, 15 <sup>th</sup> -20 <sup>th</sup> July 2019, at MSRIT, Bengaluru.   |
| 4   | Prof. Shagoufta Taskeen, Participated in “InfyTQ based foundation program”, 22 <sup>nd</sup> -26 <sup>th</sup> July 2019,at Global Academy of Technology, Bengaluru.   |
| 5   | Prof. Farnaz Khatoon Participated in “InfyTQ based foundation program” , 22 <sup>nd</sup> -26 <sup>th</sup> July 2019, at Global Academy of Technology, Bengaluru.   |
| <b>AY 2018-19</b>   |  |
| 1   | Prof. Aseema Sultana, Participated in “Web Technology and its applications”, 23 <sup>rd</sup> -24 <sup>th</sup> July 2018, at RNSIT, Bengaluru.  |
| 2   | Prof. Soumya shree, Participated in “Discrete Mathematical Structure”, 27 <sup>th</sup> -31 <sup>st</sup> July 2018, at VTU, regional Center, Kalaburagi.  |
| 3   | Prof. Reshma S Hebbar , Participated in “Infosys Faculty Enablement Program”, 5 <sup>th</sup> -11 <sup>th</sup> August 2018, at SJIT, Mangalore.   |
| 4   | Prof. Aseema Sultana, Participated in “Infosys Faculty Enablement Program”, 5 <sup>th</sup> -11 <sup>th</sup> August 2018, at SJIT, Mangalore.   |
| 5   | Prof. Soumya shree, Participated in National symposium on “The Internationalization of higher education: A paradigm shift” on 18 <sup>th</sup> December 2018, at Dr. AIT, Bengaluru.   |
| 6   | Prof. Deepika, Participated in “DevOps” , 21 <sup>st</sup> -25 <sup>th</sup> January 2019, at M.S.Ramaiah Institute of Technology, Bengaluru.  |
| 7   | Prof. Farnaz Khatoon, Participated in “DevOps” ,21 <sup>st</sup> -25 <sup>th</sup> January 2019,at M.S.Ramaiah Institute of Technology, Bengaluru.   |
| 8   | Prof. Chandanita Chatterjee, Participated in “Big Data Analytics”, 21 <sup>st</sup> -25 <sup>th</sup> January 2019, at New Horizon College of Engineering, Bengaluru.  |
| 9   | Prof. Deva kumari, Participated in “Big Data Analytics”, 21 <sup>st</sup> -25 <sup>th</sup> January 2019, at New Horizon College of Engineering, Bengaluru.  |
| 10  | Dr. A .Syed Mustafa, Participated in “Cyber Privacy and Data Security”, 31 <sup>st</sup> January 2019 at IISC, Bengaluru,  |



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| 11                | Prof. Shagoufta Taskeen, Participated in “Cyber security Engineering in Academics”, 23 <sup>rd</sup> March 2019, at RV college of Engineering, Bengaluru.  |
| <b>AY 2017-18</b> |  |
| 1                 | Ms.Shagoufta Taskeen, Participated in “Computer network programming in java and networks lab”,16th-18 <sup>th</sup> August 2017, at SJBIT, Bangalore.  |
| 2                 | Prof. Farnaaz Khatoon, Participated in “DBMS lab with mini project and computer networks laboratory”, 30th August – 3 <sup>rd</sup> September 2017, at HKBKCE, Bangalore.  |
| 3                 | Ms.Shagoufta Taskeen, Participated in “DBMS lab with mini project and computer networks laboratory”,30 <sup>th</sup> August – 3 <sup>rd</sup> September 2017, at HKBKCE, Bangalore.  |
| 4                 | Prof. Savithri Ramesh, Participated in “DBMS lab with mini project and computer networks laboratory”,30 <sup>th</sup> August – 3 <sup>rd</sup> September 2017, at HKBKCE, Bangalore.   |
| 5                 | Prof. Soumya shree, Participated in “DBMS lab with mini project and computer networks laboratory”,30 <sup>th</sup> August – 3 <sup>rd</sup> September 2017, at HKBKCE, Bangalore.  |
| 6                 | Prof..Assema Sultan , Participated in “DBMS lab with mini project and computer networks laboratory”,30 <sup>th</sup> August – 3 <sup>rd</sup> September 2017, at HKBKCE, Bangalore.  |
| 7                 | Prof.Shagoufta Taskeen, Participated in “Data science and big data analytics”, 30 <sup>th</sup> October – 3 <sup>rd</sup> November 2017, at SVCE, Bangalore.   |
| 8                 | Prof..Assema Sultan , Participated in “Data science and big data analytics”, 30 <sup>th</sup> October – 3 <sup>rd</sup> November 2017, at SVCE, Bangalore.   |
| 9                 | Prof. Savithri Ramesh, Participated in "Advances and Developments with EDA tools in Embedded & Communication Design for Researchers"(AICTE sponsored), 11 <sup>th</sup> -23 <sup>rd</sup> December 2017, at SVCE, Bangalore. |
| 10                | Prof. Soumya shree, Participated in "Advances and Developments with EDA tools in Embedded & Communication Design for Researchers"(AICTE sponsored), 11th-23rd December 2017, at SVCE, Bangalore                              |
| 11                | Prof. Heena Kouser, Participated in "Advances and Developments with EDA tools in Embedded & Communication Design for Researchers"(AICTE sponsored), 11 <sup>th</sup> -23 <sup>rd</sup> December 2017, at SVCE, Bangalore.    |
| 12.               | Prof..Assema Sultan, Participated in " IOT System Design using RPI and Data Analytics “,16th-21st Januaury 2018, at MSRIT, Bangalore.  |
| 13                | Prof. Sharavana.K, Participated in “TEQIP-III Sponsored One Week Fdp On "Pedagogy Training In Technical Education" 16th -20th January-2018, VTU-Regional centre Mudelahalli.   |
| 14                | Prof. Soumya shree, Participated in " Python Programming”,22nd to 24th January 2018, Cambridge IT Bangalore , Bangalore.   |
| 15                | Prof. Soumya shree, Participated in “User Interface Technologies”:, 29th January to 3rd February 2018,at Infosys Limited, Bangalore.   |
| 16                | Prof..Assema Sultan, Participated in " System software and OS lab “,29th-31st Januaury 2018, at HKBKCE, Bangalore.   |
| 17                | Prof.Shagoufta Taskeen, Participated in " System software and OS lab “,29th-31st Januaury 2018, at HKBKCE, Bangalore.  |
| 18                | Prof. Farnaaz Khatoon, Participated in " System software and OS lab “,29th-31st Januaury 2018, at HKBKCE, Bangalore.   |
| 19                | Prof. Soumya shree, Participated in “ Discrete Mathematical Structure”,27 July to 31 July 2018, at VTU regional Center ,Kalaburagi,  |
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| 20 | Prof. Farnaaz Khatoon, Participated in “ TEQIP-III Sponsored One Week Fdp On "Pedagogy Training In Technical Education" 16th -20th January-2018, VTU-Regional centre Mudenahalli. |
| 21 | Prof. Savithri Ramesh, Participated in " Avenues On Research & Latex , 1st - 3rd February 2018 , ATRIA IT, Bengaluru ,at SVCE, Bangalore.   |
| 22 | Prof. Asghar Pasha, Participated in “Foundations of linear algebra and machine learning”,16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru.     |
| 23 | Prof. Farnaaz Khatoon , Participated in “Foundations of linear algebra and machine learning”,16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru. |
| 24 | Prof. Sharavana.K, Participated in “Foundations of linear algebra and machine learning”, 16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru.     |
| 25 | Prof. Reshma S Hebbar, Participated in “Foundations of linear algebra and machine learning”, 16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru. |
| 26 | Prof. Reshma S Hebbar, Participated in “ Infosys faculty enablement program ”, 5 <sup>th</sup> - 11 <sup>th</sup> August 2018, SJIT, Mangalore.                                   |

### AY 2016-17

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| 1  | Prof. Savithri Ramesh , Participated in “ Analog and digital electronics and data structures with c laboratories ”,21st -25th July 2016, HKBKCE, Bengaluru.            |
| 2  | Prof. Savithri Ramesh , Participated in “ Software defined data centers : Creating Scalable infrastructure for SMAC and IoT ”,25st -29th July 2016, HKBKCE, Bengaluru. |
| 3  | Prof. Sharavana.K , Participated in “ Software defined data centers : Creating Scalable infrastructure for SMAC and IoT ”,26th -30th December 2016, SIT, Tumkur.       |
| 4  | Prof.Reshma S Hebbar , Participated in “ Research methodology ”,5th -10th August 2016, VCET, Puttur  |
| 5  | Prof. Heena Kouser , Participated in “ Automation using IoT “,23rd -28th January 2017, PDACE, Kalburgi.  |
| 6  | Prof. Aaesha Sultana , Participated in “ Infosys Campus Connect ”,20th February 2017, at Mysore.   |
| 7  | Prof. A. Syed Mustafa , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.   |
| 8  | Prof. Savithri Ramesh , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.   |
| 9  | Prof. Sharavana.K , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.   |
| 10 | Prof. Asghar Pasha , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.  |
| 11 | Prof. Mohammed Mujeerulla , Participated in “ Python Programming and Database Concepts ”,20th - 25th June 2017, Jain university,Bengaluru                              |

### AY 2015-16

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| 1 | Prof. A. Syed Mustafa , Participated in “Application development in Enterprise Cloud”,29th ,30th & 6th October 2015, HKBKCE, Bengaluru.   |
| 2 | Prof. Savithri Ramesh , Participated in “Application development in Enterprise Cloud”,29th ,30th & 6th October 2015, HKBKCE, Bengaluru.   |
| 3 | Prof. A. Syed Mustafa ,Participated in “Application development in Enterprise Cloud Roll based transaction Coordinator for Distributed Web Service Transaction ”,3rd & 4th March 2016, CMRIMS, Bengaluru. |
| 4 | Prof. Heena Kouser, Participated in “Big Data and Hadoop ”, 29th Feb-4th March 2016, PDACE, Kalburgi.   |
| 5 | Prof. Mohammed Mujeerulla, Participated in “Design and implementation of database using Oracle 11g”, 3rd to 5th June 2015, HKBKCE, Bengaluru.   |
| 6 | Prof. Mohammed Mujeerulla, Participated in “Application Development in Enterprise Cloud”, 29th September 30th & 6th October, 2015, HKBKCE, Bengaluru.   |
| 7 | Prof. Fathima Kouser, Participated in “Three days FDP on “Application Development in Enterprise   |

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|   | Cloud”, 29, 30 September and 06-october 2015, Bengaluru, conducted by BizTime.  |
| 8   | Prof. Fathima Kouser, Participated in “A Walk on IBM Bluemix Cloud”, September 29,30 & October 6, 2015, at HKBKCE, Bengaluru.   |
| <b>VI Faculty Publications National / International Journal</b> |   |
| <b>AY 2020-21(International Journal)</b>                        |   |
| 1   | Dr. Syed Mustafa A, International Research Journal of Engineering and Technology (IRJET) “AI ChatBot for VTU”- <b>IRJET, Volume-8 Issue- 7,July 2021</b>  |
| 2   | Prof. Asghar Pasha, International Research Journal of Engineering and Technology(IRJET) “Road Accident Prediction using Machine- <b>IRJET, Volume: 08 Issue:07 July 2021</b>  |
| 3   | Prof. Sharavana K, Journal of Huazhong University of Science and Technology “Stress detection through AI based Facial landmarks and Neural network”- <b>HST,Volume:50 Issue:07, July 2021</b>                                     |
| 4   | Prof. Chandrakala H L, International Research Journal of Engineering and Technology (IRJET) “Stock Price ValuePrediction of a Company”- <b>IRJET, Volume:08 Issue:07, July 2021</b>   |
| 5   | Prof. Bhagya K-Author: International Journal of advanced Research in computer and Communication Engineering “Diabetic Retinopathy Detection”- <b>IJARCCE, Volume 10 Issues 7, July 2021</b>                                       |
| 6   | Prof. Heena Kousar Gogi, International Research Journal of Engineering and Technology (IRJET) “Autonomous Car”- <b>IRJET, Volume 8 issues 7, July 2021</b>  |
| 7   | Prof. Heena Kousar Gogi, International journal of Innovative Research in Science, Engineering and Technology ”Augmented Reality E-Commerce assistant system: Trying while shopping”- <b>IJIRSET, Volume 10 Issue 7, July 2021</b> |
| 8   | Prof. Vijayalakshmi S A, International Research Journal of Engineering and Technology(IRJET) “Road Accident Prediction using Machine Learning”- <b>IRJET, Volume: 08 Issue:07 July 2021</b>                                       |
| 9   | Prof. Sreekantha B, International journal of Innovative Research in Science, Engineering and Technology ”Augmented Reality E- Commerce assistant system: Trying while shopping”- <b>IJIRSET, Volume 10, issue 7, July 2021</b>    |
| 10  | Prof. Shruthi K C, International Research Journal of Engineering and Technology (IRJET) “Autonomous Car”- <b>IRJET, Volume 8 Issues 7, July 2021</b>  |
| 11  | Prof. Shruthi K C, International Research Journal of Engineering and Technology (IRJET) “Stock Price Value Prediction of a Company”- <b>IRJET, Volume:08 Issue:07, July 2021</b>  |
| 12  | Prof. Reshma Raj, International Research Journal of Engineering and Technology (IRJET) “AI Chat Bot for VTU”- <b>IRJET, Volume-8 Issue-7, July 2021</b>   |
| 13  | Prof. Priyanka K, InternationalResearch Journal of Engineering and Technology (IRJET) “AI ChatBot for VTU”- <b>IRJET, Volume-8 Issue-7, July 2021</b>   |
| 14  | Dr. Syed Mustafa A, Gradiva review Journal “ Study on Face Recognition system”- <b>GRJ, Volume-7 Issue-6, June 2021</b>   |
| 15  | Prof. Heena Kousar Gogi, Journal of Huazhong University of Science and Technology "Phishing Email Detection Using Random Forest technique"-HST, Vol 50 Issues 6, June 2021  |
| 16  | Prof. Sharavana K, Journal of Huazhong University of Science and Technology “Survey on GRAMA VIKAS: A Smart Model For Rural Development”- <b>HST, Volume:50 Issues:06, June 2021</b>  |
| 17  | Prof. Vijayalakshmi S A, International Research Journal of Engineering and Technology (IRJET) ” Face based CCTV attendance monitoring system using deep face recognition”- <b>IRJET, Volume: 08 Issue: 06 June 2021</b>           |
| 18  | Prof. Vijayalakshmi S A, Author 2: International Research Journal of Engineering and Technology (IRJET) “Development of Power Monitoring unit using LABVIEW”- <b>IRJET, Volume: 08 Issue: 07, June 2021</b>                       |
| 19  | Prof. Sreekantha B, International Research Journal of Engineering and Technology (IRJET) “Development of Power Monitoring unit using LABVIEW”- <b>IRJET, Volume:08 Issue:07 June 2021</b>   |
| 20  | Prof. Sreekantha B, International Research Journal of Engineering and Technology (IRJET) ” Face based   |

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|    | CCTV attendance monitoring system using deep face recognition”- <b>IRJET, Volume: 08 Issue: 06, June 2021</b>   |
| 21 | Prof. Priyanka K, International Research Journal of Engineering and Technology (IRJET) “Development of Power Monitoring unit usingLABVIEW”- <b>IRJET, Volume: 08 Issue: 07, June 2021</b>   |
| 22 | Prof. Bibiana Jenifer J, Journal of Huazhong University of Science and Technology "Phishing Email DetectionUsing Random Forest technique"- <b>HST, Vol 50, Issues 6, June 2021</b>  |
| 23 | Prof. Bibiana Jenifer J, Journal of Huazhong University of Science and Technology “Plastic Recycling based Smart and secure mobile charger for public places”- <b>HST, Vol 50, Issues 6, June 2021</b>  |
| 24 | Dr. Syed Mustafa A, International conference on Intelligent computing and control system “TDANE: Mechanism for Validation of Domain Certificates for Trusted Browsing”- <b>IEEE, May 2021</b>   |
| 25 | Prof. Sreekantha B, International Journal of Engineering Research in Computer Scienceand Engineering “Intelligent road lighting design using wireless sensor network”- <b>IJERCSE, Volume 8, Issue 5,May 2021</b>   |
| 26 | Prof. Sreekantha B, International conference advance in science, Engineering and Technology ”Intelligent Road Lightning design using wireless sensor network”- <b>ICASET, 21st and 22nd May 2021</b>  |
| 27 | Prof. Shruthi K C, International Journal of Engineering Research in Computer Science and Engineering “Intelligent road lighting design using wireless sensor network”- <b>IJERCSE, Volume 8 Issue 5, May 2021</b>   |
| 28 | Prof. Shruthi K C, International conference advance in science, Engineering and Technology ”Intelligent Road Lightning design using wireless sensor”- <b>ICASET ,21st and 22nd May 2021</b>   |
| 29 | Prof. Priyanka K, International Journal of Engineering Research in Computer Science and Engineering “Intelligent road lighting design using wireless sensor network”- <b>IJERCSE, Volume 8, Issue 5, May 2021</b>   |
| 30 | Prof. Priyanka K, International conference advance in science, Engineering and Technology ”Intelligent Road Lightning design using wireless sensor network”- <b>ICASET, 21st and 22nd May2021</b>   |
| 31 | Prof. Bhagya K-International Journal of Innovative Research in Technology “Smart Routine Planner Using Machine Learning”- <b>IJIRT, Volume 7 Issue 11, April 2021</b>   |
| 32 | Prof. Sreekantha B, International conference on Contemporary approach on revolutionary technique in Science and Engineering” Design and Implementation of MANET connected IOT System”- <b>ICCSE, 9th-10th April 2021</b>  |
| 33 | Prof. Sreekantha B, International conference on Contemporary approach on revolutionary technique in Science and Engineering ”Development of Power Monitoring unit usingLABVIEW”- <b>ICCSE, 9th-10th April 2021</b>  |
| 34 | Prof. Shruthi K C, Turkish Journal of Computer and Mathematics Education ”An Intelligent Smart Ranked Feature Construction Analysis based on Clustering High Dimensional Data Streams”- <b>Turkish Journal of Computer and Mathematics, Vol 12 Issues 9, April 2021</b> |
| 35 | Prof. Shruthi K C, International conference on Contemporary approach on revolutionary technique in Science and Engineering ”Design and Implementation of MANET connected IOT System”- <b>ICCSE, 9th -10th April 2021</b>  |
| 36 | Prof. Reshma Raj, International conference on Contemporaryapproach on revolutionary technique in Science and Engineering” Design and Implementation of MANET connected IOT System”- <b>ICCSE, 9th -10th April 2021</b>  |
| 37 | Prof. Priyanka K, International conference on Contemporary approach on revolutionary technique in Science and Engineering” Development of Power Monitoring unit using LABVIEW”- <b>ICCSE, 9th -10th April 2021</b>  |
| 38 | Prof. Bibiana Jenifer J, International conference on Contemporary approach on revolutionary technique in Science and Engineering, ”Development of Power Monitoring unit using LABVIEW”- <b>ICCSE, 9th -10th April 2021</b>  |
| 40 | Prof. Bibiana Jenifer J, International conference on Contemporary approach on revolutionary technique in Science and Engineering ”Design and Implementation of MANET connected IOT System”- <b>ICCSE, 9th -10th April 2021</b>  |
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| 41                                       | Dr. Syed Mustafa A, International conference Nova Science Publishers Inc “Secured Transactions from the Anomaly User Using 2 Way SSL”, Book Chapter published in Anomaly Detection: <b>Techniques and Applications</b> ”-Nova Science Publishers, March 2021 |
| 42                                       | Prof. Sreekantha B, International conference on intelligent computing, smart communication and network technologies "Design and Development of Radio Frequency Power Sensing Unit"- <b>ICICSCNT, 26-27th March 2021</b>                                      |
| 43                                       | Prof. Priyanka K, International conference on intelligent computing, smart communication and network technologies” Design and Development of Radio Frequency Power Sensing Unit”- <b>ICICSCNT, 26-27th March 2021</b>  |
| 44                                       | Prof. Shruthi K C, International Journal of Engineering Applied Sciences and Technology “Phishing Website Detection Based On Multidimensional Features driven by Deep Learning”- <b>IJEAST, Volume1, issues 8 ,2021</b>                                      |
| 45                                       | Prof. Chandrakala H L, International Scientific Journal of Contemporary Research in Engineering Science and Management “Border Security Using Camouflage Army Robot Based on IoT and Machine learning”- <b>SJCRE SM, Volume:05 Issue:02, Aug.2020</b>        |
| 46                                       | Prof. Asghar Pasha, VTU Project Finance Assistance for Innovative Final years Projects “Contactless Detection Of Covid 19 Using Deep Learning With X-Ray Images”- <b>VTU Belgaum, Innovative Final years Projects Selected. 2020-21</b>                      |
| 47                                       | Dr. Syed Mustafa A, KSCST Project Finance Assistance for Innovative Final years Projects “Analysis and Monitoring Air quality using RASPBERRY Pi”- <b>KSCST, Innovative Final years Projects Selected, 2020-21</b>   |
| 48                                       | Prof. Heena Kousar Gogi, KSCST Project Finance Assistance for Innovative Final years Projects “Analysis and Monitoring Air quality using RASPBERRY Pi”- <b>KSCST, Innovative Final years Projects Selected. 2020-21</b>                                      |
| 49                                       | Prof. Heena Kousar Gogi, KSCST Project Finance Assistance for Innovative Final years Projects “Autonomous car”- <b>KSCST, Innovative Final years Projects Selected. 2020-21</b>  |
| 50                                       | Prof. Heena Kousar Gogi, Project Finance Assistance for Innovative Final years Projects” Plastic Recyclingbased Smart and secure mobile charger for public places”- <b>KSCST, Innovative Final years Projects Selected. 2020-21</b>                          |
| 51                                       | Prof. Shruthi K C, Journal of critical review ”An Efficient framework for Cohesion and quality Topical phrase mining using QBA algorithm”- <b>Journal of critical review, Vol 7, Issues 18,2020</b>  |
| 52                                       | Prof. Heena Kousar Gogi, International journal Scientific and Indian Research “A device for dumb and people with usher's syndrome using IOT”- <b>IJSER, Accepted</b>   |
| <b>AY 2019-20(International Journal)</b> |  |
| 1  | Dr. A Syed Mustafa -“CNN-BLSTM Joint Technique on Dynamic Shape and Appearance of FACS”, International Journal of Engineering and Advanced Technology (IJEAT), <b>Vol.9 / Issue-4/1754-1757/ April 2020, ISSN: 2249 – 8958</b>                               |
| <b>AY 2018-19(International Journal)</b> |  |
| 1  | Dr. A Syed Mustafa, IoT based Smart Talking Energy Meter, International Journal of Research in Engineering, Science, and Management- <b>IJRESM, volume 2, issue 4,Pages 225-229, April 2019, Impact Factor-4.308, DOI/ISSN-2581-5992.</b>                    |
| 2  | Prof. Sharavana K-“Survey on Design of Bus Boarding Assist System For Blind Using IOT Technology” International Journal of Scientific Research & Engineering Trends( <b>IJSRET</b> )Vol 5, Issue 1/2343/-3432/ <b>Jan-Feb 2019,ISSN:2343-2343</b>            |
| 3  | Prof.Asghar Pasha, A Literature Survey on Child Safety Wearable Device, International Journal of Research in Engineering, Science, and Management- <b>JRESM, volume 2, issue 5, Pages 62-67,May 2019, Impact Factor-4.308, DOI/ISSN-2581-5992.</b>           |

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| 4   | Prof. Chandanita Thakur, A Survey on Advance Walking Stick for Blind Assistance using IOT, International Journal of Research in Engineering, Science, and Management- <b>IJRESM</b> , volume 2, issue 5, <b>Pages 58-61,May 2019, Impact Factor, DOI/ISSN-2581-5992.</b>  |
| 5   | Prof.Devisivasankari, “ An effective approach for” International Journal of Information and computing Science- <b>IJICS</b> , volume 6, Issues 6, Pages 11-12,June 2019,DOI/ISSN 0972-1347  |
| 6   | Prof.Devisivasankari, “ An effective approach for” International Journal of Information and computing Science- <b>IJARIIT</b> , volume 5, issue 3, Pages 1256-1257, May 2019, Impact Factor 4.295.  |
| <b>AY 2017-18(International Journal)</b>  |   |
| 1   | Prof. Aseema Sultana, Prof.Farnaz Khatoon- Delineation of the Dimensions of Big Data, and a Review on the Challenges, Opportunities, and Tools of Big Data, International Journal of Engineering Science Invention Research & Development, <b>IJESIRD (Vol 4, Issue 7) Jan -2018, ISSN:2349-6185</b>  |
| 2   | Prof. Aseema Sultana, Unraveling the Data Structures of Big data, the HDFS Architecture and Importance of Data Replication in HDFS- International Research Journal of Engineering and Technology- <b>IRJET (Vol 05 Issue 01) Jan -2018, ISSN:2395-0056,p-ISSN:2395-0072.</b>  |
| 3   | Prof. Sharavana K, Prof. Asghar Pasha, Manuscript Entitled "Approach for Deploying the Hybrid Cloud in Diverse Open-Source Tools", Published in IOSR Journals of Computer Engineering ( <b>IOSR-JCE)- Volume 20, Issue 3,Ver.4 May-June 2018 - ISSN:2278-0661,P-ISSN:8727.</b>  |
| 4   | Mrs. Soumya shreem, Mrs. Nitya Shree, A Survey on Security and Privacy Methods of Big data in Cloud Computing Environment, International Journal of Advance Research, Ideas and Innovations in Technology( <b>IJARIIT</b> ), Volume 3,Issu 6,Nov -Dec 201- ISSN:2454-133X, Impact Factor : 4.295.   |
| 5   | Prof. Shagoufta Taskeen,Prof. Nitya Shree, Prof. Reshma S Hebbar, IoT And Wireless Sensor Network Driven Remote Monitoring In Agriculture Systems, Health Care Systems And Garbage Management-International Journal of informative ,& Futuristic Research( <b>IJIFR</b> )- Volume 5, Issue 9.MAY 2018- ISSN: 2347-1697.                                 |
| <b>AY 2016-17(International Journal)</b>  |   |
| 1   | Prof. Sharavana K- Cold Storage Management System for Farmers based on IOT, International Journal Of Recent Trends In Engineering & Research( <b>IJRTER</b> ), vol.3/issue 5/2455-1457/May 2017- Print ISSN: 2455-1457 Impact Factor 4.01   |
| 2   | Prof. Syed Mustafa, Dr. Y.S.Kumaraswamy- Hybrid Cuckoo Optimization Multi-layer Perception for Hospital Management information System Web Services Quality Classification.- <b>Journal Medical Imaging and Health Informatics/American Scientific Publisher</b> , vol.6/issue 7/1641-14/Nov 2016 [annex-1]- Print ISSN: 2156-7018 Online ISSN:2156-7026 |
| <b>AY 2015-16(International Journal)</b>  |   |
|   | Dr. Rajashekhar .M, Mohd. Mujeer ulla- Comparison of between and closeness centralities using incremental algorithms in dynamically growing networks- <b>IJACET-International Journal of Advanced Computing And Electronics Technology-</b> vol.3/issue 2/2016- Print ISSN: 2394-3408 Online ISSN:2394-3416   |
| <b>AY 2015-16(International Journal)</b>  |   |
| 1   | Prof. Syed Mustafa, Dr. Y.S.Kumaraswamy, Hybrid Particle Swarm Optimization Multi-layer Perception for Web Services Classification. Information Science and Computing /Sathyabama University- vol.10/issue 2/1-7/July 2016- ISSN:0973-9092  |
| 2   | Web Service Classification using Multi-Layer Perceptron, IJCSE/Engineering Publication, vol.7/issue 3/5763//June-July 2016- ISSN:2231-3850 Online ISSN 0976-5166  |
| <b>Research Grants</b>  |   |
| AICTE has granted an amount of <b>Rs. 2.6 Lakh</b> , AQIS (AICTE Quality Improvement Scheme), <b>STTP(Short Term Training Program)</b> on “ <b>Python and Mobile Application Development</b> ”. The Program Coordinator <b>Dr. A Syed Mustafa. Professor and HOD-ISE and Staff.</b> |   |
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## Faculty Online FDP Attended AY 2019-20

| Name of the Faculty | Title<br>FDP, Webinar, Online Certification<br>Courses(NPTEL, Udemy,<br>coursera, Skillscouter | Date-<br>Month-<br>year                      | Place/Host  | Google Drive URL for certificate  |
|---------------------|--|--|---|---|
| Mr. Asghar Pasha    | 1. Webinar on “Business Intelligence and its Applications”                                     | 5th May                                      | S.E.A College of Engineering and Technology, Bangalore-560049     | <a href="https://drive.google.com/drive/folders/1HoLP0IQCd9DjuYv1644bV6Pv5aboD8pa?usp=sharing">https://drive.google.com/drive/folders/1HoLP0IQCd9DjuYv1644bV6Pv5aboD8pa?usp=sharing</a> |
|                     | 2. FDP on “ OBE and NBA Accreditation”   | 9th May 2020                                 | Sinhgad Institute of Technology and Science, Narhe, Pune-41       |   |
|                     | 3.FDP on “ Digital Era Teaching”   | 11th -13th May 2020                          | Diksoochi, Mysuru- 570022   |   |
|                     | 4. International webinar on “Cultivating Positive attitude for Professional Excellence “       | 13th May 2020                                | Colombo Plan Staff College, Phillippine.                          |   |
|                     | 5..FDP on “Big Data Tools”   | 18 <sup>th</sup> - 23 <sup>rd</sup> May 2020 | St. Martin’s Engineering College, Dhulapally, Secunderabad-500100 |   |
|                     | 6. Course on “ Goolge Analytics for Beginners “  | 17th-23rd May 2020                           | Analytics Academy   |   |
|                     | 7. online Quiz on “COVID-19- Awareness”  | 29th May 2020                                | HKBK College of Engineering-560045                                |   |
|                     | 8.Course on “ Advanced Goolge Analytics “  | 2nd- 21st June 2020                          | Analytics Academy   |   |
| Mr. Sharavana.K     | 1.FDP on “Big Data Tools”  | 18 <sup>th</sup> - 23 <sup>rd</sup> May 2020 | St. Martin’s Engineering College, Dhulapally, Secunderabad-500100 | <a href="https://drive.google.com/file/d/1uKA5b7FUtmkQZ393vIH2qYCHHxjLEgeC/view?usp=sharing">https://drive.google.com/file/d/1uKA5b7FUtmkQZ393vIH2qYCHHxjLEgeC/view?usp=sharing</a>     |

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|  | 2.FDP on “Data Science”   | 26 <sup>th</sup> -30 <sup>th</sup> May 2020  | Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai<br><b>Participation Certificate</b>  | <a href="https://drive.google.com/file/d/1vPdVd_-qaGZGEXjxG6uF4a7B163nPrBec/view?usp=sharing">https://drive.google.com/file/d/1vPdVd_-qaGZGEXjxG6uF4a7B163nPrBec/view?usp=sharing</a> |
|  | 3.FDP on “Data Science”   | 26 <sup>th</sup> - 30 <sup>th</sup> May 2020 | Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai<br><b>Appreciation of Online Quiz Certificate</b>  | <a href="https://drive.google.com/file/d/1WaJRvhu6kYF15vqi54HEDhdP062iYLR0/view?usp=sharing">https://drive.google.com/file/d/1WaJRvhu6kYF15vqi54HEDhdP062iYLR0/view?usp=sharing</a>   |
|  | 4. Online quiz on “Enhancing Soft Skills”   | 3rd June 2020                                | Proudhadeveraya Institute of Technology, (PDIT) Belgaum, Karnataka and recognized by AICTE, New Delhi.<br><b>Appreciation of Online Quiz Certificate</b>  | <a href="https://drive.google.com/file/d/1XJ1P_JFxBY2AahzGjaFdPyBcFVIRFm5u/view?usp=sharing">https://drive.google.com/file/d/1XJ1P_JFxBY2AahzGjaFdPyBcFVIRFm5u/view?usp=sharing</a>   |
|  | 5. Webinar Series entitled “Recent Trends in Computer Science and Technology”   | 4th - 6th June 2020                          | KLE College of Engineering & Technology, Chikodi, Karnataka. Department of Computer Science and Engineering<br><br>Approved by AICTE, New Delhi and Affiliated to VTU, Belagavi<br><b>Participation Certificate</b> | <a href="https://drive.google.com/file/d/1wqNaU4cFvH_Wi8vrRVCsR4GeZIDVTMT2/view?usp=sharing">https://drive.google.com/file/d/1wqNaU4cFvH_Wi8vrRVCsR4GeZIDVTMT2/view?usp=sharing</a>   |
|  | 6.International Webinar on “HOW TO GET RESEARCH GRANTS FROM UGC,AICTE”(MINOR OR MAJOR RESEARCH PROJECT APPLICATION PROCESS) | 9th June 2020                                | Jointly hosted by MAR BASELIOS INSTITUTE OF TECHNOLOGY AND SCIENCE[MBITS] & MAHATMA GANDHI UNIVERSITY, SCHOOL OF MANAGEMENT AND BUSINESS  | <a href="https://drive.google.com/file/d/1Zt4lLGL5J_FtPW249X_B8pMhXnEQGg/view?usp=sharing">https://drive.google.com/file/d/1Zt4lLGL5J_FtPW249X_B8pMhXnEQGg/view?usp=sharing</a>       |



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|  |   |                              | STUDIES(SMBS)<br>NELLIMATTOM<br>P.O.KOTHAMAN<br>GALAM-<br>686693,KERALA,INDIA<br><b>Participation<br/>Certificate</b>   |   |
|  | 7.FDP On “ A<br>DevOps approach:<br>Docker in<br>Blockchain”:                       | 17th -21st June 2020         | AMC Engineering<br>College,<br>Department of<br>Computer Science<br>and Engineering,<br>Bangalore.<br><b>Participation<br/>Certificate</b>  | <a href="https://drive.google.com/drive/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E</a>         |
|  | 8."Online Quiz on<br>Effective Teaching<br>Methodologies and<br>Teaching Aptitude " | 30th June 2020               | NRI Institute of<br>Technology<br>Autonomous<br>Approved by<br>AICTE, New<br>Delhi:Permanently<br>Affiliated to<br>JNTUK,<br>Kakinada,A.P-<br>521212<br><b>Participation<br/>Certificate</b>                          | <a href="https://drive.google.com/drive/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E</a>         |
|  | 9 3-Day online<br>Workshop on<br>“LATEX”  | 29th June - 1st July<br>2020 | AMC Engineering<br>College,<br>Department of<br>Computer Science<br>and Engineering,<br>Bangalore.<br><b>Participation<br/>Certificate</b>  | <a href="https://drive.google.com/drive/u/0/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/u/0/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E</a> |
|  | 10.Webinar on<br>“IEEE Publication<br>Process”                                      | 6th July 2020                | Vidyavardhaka<br>College of<br>Engineering,Gokul<br>am, III-Stage,<br>Mysuru - 570 002,<br>Karnataka.<br>Organized by<br>Department of<br>Computer Science<br>and Engineering<br><b>Participation<br/>Certificate</b> | <a href="https://drive.google.com/drive/u/0/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/u/0/folders/1JnySINjIAfS_l6Y0mx6tEoemejfV_m8E</a> |

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|                        | 11. National Level Webinar on “jQuery and AngularJS-Web Technology Tools” | 4th July 2020                                | Organized by the School of Science Studies, CMR University.<br><br><b>Participation Certificate</b>  | <a href="https://drive.google.com/drive/u/0/folders/1JnvSINjLAfS_l6Y0mx6tEoemejfVm8E">https://drive.google.com/drive/u/0/folders/1JnvSINjLAfS_l6Y0mx6tEoemejfVm8E</a>               |
| Ms.P. Devisivasan kari | IEEE Reference management Tools   | 20th may 2020                                | IEEE Bangalore Section   | <a href="https://tinyurl.com/yccerny7">https://tinyurl.com/yccerny7</a>   |
| Mr. Sk Jamil Ahmed     | 1.FDP on “Data Science”   | 26 <sup>th</sup> -30 <sup>th</sup> May 2020  | Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai<br><b>Participation Certificate</b>               | <a href="https://drive.google.com/file/d/1pkw8Hh_AW6k9unGX9NENOEhOmGLC6Fe/view?usp=sharing">https://drive.google.com/file/d/1pkw8Hh_AW6k9unGX9NENOEhOmGLC6Fe/view?usp=sharing</a>   |
|                        | 2.FDP on “Data Science”   | 26 <sup>th</sup> - 30 <sup>th</sup> May 2020 | Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai<br><b>Appreciation of Online Quiz Certificate</b> | <a href="https://drive.google.com/file/d/1n6dDbWWH1NxDV7uEQDCXXhYj0_WEY64j/view?usp=sharing">https://drive.google.com/file/d/1n6dDbWWH1NxDV7uEQDCXXhYj0_WEY64j/view?usp=sharing</a> |
|                        | 3. FDP on “Neural Networks and Deep Learning using Python”                | 1st -5th June, 2020                          | School of Computing and Information Technology, Reva University,Bengaluru.<br><b>Participation Certificate</b>                                 | <a href="https://drive.google.com/file/d/1if6xUjxLmmCzi3cGdoGuISY3tSZ8V02Y/view?usp=sharing">https://drive.google.com/file/d/1if6xUjxLmmCzi3cGdoGuISY3tSZ8V02Y/view?usp=sharing</a> |
|                        | 4. FDP on “Business Analytics with Python”                                | 22nd June-26th June,2020                     | TKR College of Engineering and Technology, Hyderabad.<br><b>Participation Certificate</b>  | <a href="https://drive.google.com/file/d/1pFy7syuLNay6uVkJwMeNw99EeeJtS/view?usp=sharing">https://drive.google.com/file/d/1pFy7syuLNay6uVkJwMeNw99EeeJtS/view?usp=sharing</a>       |

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| 5. FDP on<br>“Image Processing<br>and Data Science”                          | 26th June-29th June,<br>2020     | Canara<br>Engineering<br>College,<br>Mangaluru,<br>Karnataka<br><b>Participation<br/>Certificate</b>         | <a href="https://drive.google.com/file/d/1D-8p3XIPMjk392YVpkRgJOPnQFEZ9y5z/view?usp=sharing">https://drive.google.com/file/d/1D-8p3XIPMjk392YVpkRgJOPnQFEZ9y5z/view?usp=sharing</a>   |
| 6. FDP on<br>“NLP and related<br>Technologies”                               | 9th July-11th July,2020          | NMAMIT,Nitte,<br>Karkala, Karnataka<br><b>Participation<br/>Certificate</b>                                  | <a href="https://drive.google.com/file/d/1MPnjG79QSp6Zs2N8fMpMT6hAHdhpM9hP/view?usp=sharing">https://drive.google.com/file/d/1MPnjG79QSp6Zs2N8fMpMT6hAHdhpM9hP/view?usp=sharing</a>   |
| 7. FDP on<br>“Block Chain,Java<br>Spring Boot and<br>Cloud Native App”       | 10th August-<br>12th August,2020 | HKBKCE,<br>Bengaluru<br>Karnataka<br><br><b>Participation<br/>Certificate</b>                                | <a href="https://drive.google.com/file/d/1oNcZB9d9YLVONocyaDXDaax_Ny3seRej/view?usp=sharing">https://drive.google.com/file/d/1oNcZB9d9YLVONocyaDXDaax_Ny3seRej/view?usp=sharing</a>   |
| 8. FEP on<br>“Python<br>Programing<br>through Infyq<br>Platform”             | 6th July-13th July,<br>2020      | INFOSYS<br>CAMPUS<br>CONNECT<br><br><b>Participation<br/>Certificate</b>                                     | <a href="https://drive.google.com/file/d/10y5SreuSyMWfJiaRZiefSWW5_kGjegBUd/view?usp=sharing">https://drive.google.com/file/d/10y5SreuSyMWfJiaRZiefSWW5_kGjegBUd/view?usp=sharing</a> |
| 9. FDP on “Data<br>Science and<br>Analytics”                                 | 30th Nov-4th Dec,2020            | AICTE Training<br>and Learning<br>(ATAL) Academy,<br>IIIT Nagpur<br><br><b>Participation<br/>Certificate</b> | <a href="https://drive.google.com/file/d/1s0uvLZtr42mxrKjWC0y_tfYI5Sm7i-Sk/view?usp=sharing">https://drive.google.com/file/d/1s0uvLZtr42mxrKjWC0y_tfYI5Sm7i-Sk/view?usp=sharing</a>   |
| 9. Webinar on<br>“ Star AI X-Pert”   | 28th May,2020                    | Star Certification<br><br><b>Participation<br/>Certificate</b>   | <a href="https://drive.google.com/file/d/14K6xFIJ2cKLkppA3mNo_QucOCvf3u5W9/view?usp=sharing">https://drive.google.com/file/d/14K6xFIJ2cKLkppA3mNo_QucOCvf3u5W9/view?usp=sharing</a>   |
| 10. Webinar on<br>“The Future of<br>Computing-Cloud<br>and Fog<br>Computing” | 29th May,2020                    | Noorul Islam<br>Center For Higher<br>Education, Tamil<br>Nadu<br><b>Participation<br/>Certificate</b>        | <a href="https://drive.google.com/file/d/1GNkIACQXbMxrK-z_cUBhZgFy0qKqixAW/view?usp=sharing">https://drive.google.com/file/d/1GNkIACQXbMxrK-z_cUBhZgFy0qKqixAW/view?usp=sharing</a>   |
| 11. Webinar on<br>“Business<br>Intelligence and its<br>Application”          | 05th June,2020                   | S.E.A. College of<br>Engineering and<br>Technology<br><br><b>Participation<br/>Certificate</b>               | <a href="https://drive.google.com/file/d/1ntGsJYt8qxcvYIze2MlsVj_12LZ2AXQl/view?usp=sharing">https://drive.google.com/file/d/1ntGsJYt8qxcvYIze2MlsVj_12LZ2AXQl/view?usp=sharing</a>   |

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| 12. Webinar on<br>“Ethical Hacking”  | 13th June,<br>2020 | Sigma Institute of<br>Engineering-<br>Vadodara<br><br><b>Participation<br/>Certificate</b>                      | <a href="https://drive.google.com/file/d/1qOoDAU3dkUu6q5p2Ufn-z56tEMKvEu/view?usp=sharing">https://drive.google.com/file/d/1qOoDAU3dkUu6q5p2Ufn-z56tEMKvEu/view?usp=sharing</a>     |
| 13. Webinar on<br>“Preparedness and<br>Challenges of<br>College Teachers in<br>the Post Covid Era”               | 14th June,2020     | Government First<br>Grade College For<br>Women, Balmatta,<br>Mangaluru.<br><b>Participation<br/>Certificate</b> | <a href="https://drive.google.com/file/d/10PsWaFGDz-ghaZSH2--JOlw-SPpDWTC/view?usp=sharing">https://drive.google.com/file/d/10PsWaFGDz-ghaZSH2--JOlw-SPpDWTC/view?usp=sharing</a>   |
| 14. Webinar on<br>“Data Analytics<br>using R”  | 27th June,<br>2020 | P.A. College of<br>Engineering,<br>Mangaluru<br><br><b>Participation<br/>Certificate</b>                        | <a href="https://drive.google.com/file/d/1WEJ0D4PkTVCiqupklu9Cd60x63kxT1_j/view?usp=sharing">https://drive.google.com/file/d/1WEJ0D4PkTVCiqupklu9Cd60x63kxT1_j/view?usp=sharing</a> |
| 15. Webinar on<br>“Single Page<br>Application using<br>AngularJS”  | 11th July,<br>2020 | A.J Institute of<br>Engineering and<br>Technology,<br>Mangaluru<br><br><b>Participation<br/>Certificate</b>     | <a href="https://drive.google.com/file/d/1LRPfwCNX-kFfNHppjHvVwRUu5xc0ilKV/view?usp=sharing">https://drive.google.com/file/d/1LRPfwCNX-kFfNHppjHvVwRUu5xc0ilKV/view?usp=sharing</a> |
| 16. NPTEL 12<br>weeks course on<br>“NBA Accreditation<br>and Teaching -<br>Learning in<br>Engineering<br>(NATE)” | Jan-April,<br>2020 | NPTEL Online<br>Certification<br><br><b>Participation<br/>Certificate</b>                                       | <a href="https://drive.google.com/file/d/1K_ncKRevvOl2xHlCtZ4N0io1NgR7C7bu/view?usp=sharing">https://drive.google.com/file/d/1K_ncKRevvOl2xHlCtZ4N0io1NgR7C7bu/view?usp=sharing</a> |
| 17. Online Course<br>on<br>“Machine Learning”  | 23rd April,2020    | Tata Steel<br>ELearning<br>Programing<br><br><b>Certificate of<br/>Completion</b>                               | <a href="https://drive.google.com/file/d/1bnMjNCWl5tUpORjXVamxHQsoFuAy7vhZ/view?usp=sharing">https://drive.google.com/file/d/1bnMjNCWl5tUpORjXVamxHQsoFuAy7vhZ/view?usp=sharing</a> |
| 18. Online Course<br>on “Advance<br>Microsoft Excel”   | 29th April,2020    | Tata Steel<br>ELearning<br>Programing<br><br><b>Certificate of<br/>Completion</b>                               | <a href="https://drive.google.com/file/d/15a-jwxFTV8_BYHuxRUuDsQKEDaFQ/view?usp=sharing">https://drive.google.com/file/d/15a-jwxFTV8_BYHuxRUuDsQKEDaFQ/view?usp=sharing</a>         |
| 19. Online Course<br>on “Intro to Data<br>and Data Science”  | 15th April, 2020   | 365 Data Science<br><br><b>Certificate of<br/>Completion</b>  | <a href="https://drive.google.com/file/d/1sPnwt1sqgZBumJyeEVieNO6OoJ0rwxWd/view?usp=sharing">https://drive.google.com/file/d/1sPnwt1sqgZBumJyeEVieNO6OoJ0rwxWd/view?usp=sharing</a> |



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|                    | 20. Online Course on “Data Visualization with Python”                                       | 12th April, 2020 | CognitiveClassAI<br><b>Certificate of Completion</b>  | <a href="https://drive.google.com/file/d/18OA7Ean007TtAUt6bRlcUha0iwwY7Z7o/view?usp=sharing">https://drive.google.com/file/d/18OA7Ean007TtAUt6bRlcUha0iwwY7Z7o/view?usp=sharing</a>   |
|                    | 21. Online Course on “Python 101 for Data Science”  | 10th April 2020  | CognitiveClassAI<br><b>Certificate of Completion</b>  | <a href="https://drive.google.com/file/d/10nfHbEAPebB6go3oT9_vOsj7zxfHVXqO/view?usp=sharing">https://drive.google.com/file/d/10nfHbEAPebB6go3oT9_vOsj7zxfHVXqO/view?usp=sharing</a>   |
|                    | 22. Online Course on “Introduction to Data Science”   | 12th April, 2020 | CognitiveClassAI<br><b>Certificate of Completion</b>  | <a href="https://drive.google.com/file/d/1-1jiN7OBYcFk8v18tZAgEIX9AMhVgRZf/view?usp=sharing">https://drive.google.com/file/d/1-1jiN7OBYcFk8v18tZAgEIX9AMhVgRZf/view?usp=sharing</a>   |
|                    | 23. Online Course on “Data Analysis with Python”  | 14th April, 2020 | CognitiveClassAI<br><b>Certificate of Completion</b>  | <a href="https://drive.google.com/file/d/1-vI8mlrvb-A5MIIOXaZpE_DHqEGY7CAI/view?usp=sharing">https://drive.google.com/file/d/1-vI8mlrvb-A5MIIOXaZpE_DHqEGY7CAI/view?usp=sharing</a>   |
|                    | 24. Online Course on “Machine Learning with Python”   | 23rd April, 2020 | CognitiveClassAI<br><b>Certificate of Completion</b>  | <a href="https://drive.google.com/file/d/1HbWM0qqIOqUreYyvTzippXvIJDwpDEdF/view?usp=sharing">https://drive.google.com/file/d/1HbWM0qqIOqUreYyvTzippXvIJDwpDEdF/view?usp=sharing</a>   |
| Mr. Sk Jamil Ahmed | 25. Online Course on “Bacterial Genomes: From DNA to Protein Function using Bioinformatics” | 26th April, 2020 | Future Learn Wellcome Genome Campus Advanced Courses and Scientific Conference<br><b>Certificate of Achievement</b> | <a href="https://drive.google.com/file/d/1ykKmDsKrTcynia-5myUGwV_WWN2mFh-x/view?usp=sharing">https://drive.google.com/file/d/1ykKmDsKrTcynia-5myUGwV_WWN2mFh-x/view?usp=sharing</a>   |
|                    | 26. Online Course on “Work-Life Balance and Impact of Remote Working”                       | 26th April, 2020 | Future Learn Coventry University<br><b>Certificate of Achievement</b>   | <a href="https://drive.google.com/file/d/1cqeaqfYdNLfsGsHTGzVyNckaPx6M-yFQ/view?usp=sharing">https://drive.google.com/file/d/1cqeaqfYdNLfsGsHTGzVyNckaPx6M-yFQ/view?usp=sharing</a>   |
|                    | 27. Online Course on “Python Bootcamp 2020 Build 15 Working Applications and Games”         | 4th April, 2020  | Udemy<br><b>Certificate of Completion</b>   | <a href="https://drive.google.com/file/d/1hMISB EWTIHBkpD8EZBV9Jn5hvbuiOdIT/view?usp=sharing">https://drive.google.com/file/d/1hMISB EWTIHBkpD8EZBV9Jn5hvbuiOdIT/view?usp=sharing</a> |
|                    | 28. Online Course on “Python for Absolute Beginners”  | 7th April, 2020  | Udemy<br><b>Certificate of Completion</b>   | <a href="https://drive.google.com/file/d/1Ms3YPeVhTacnAf87vZGxBHMEX-i5T5n0/view?usp=sharing">https://drive.google.com/file/d/1Ms3YPeVhTacnAf87vZGxBHMEX-i5T5n0/view?usp=sharing</a>   |
|                    | 29. Online Course on “Machine Learning, Data Science and Deep Learning with                 | 15th May, 2020   | Udemy<br><b>Certificate of Completion</b>   | <a href="https://drive.google.com/file/d/1ILObRk6N3OP3_GhgRXM7PrADZi5nOGGw/view?usp=sharing">https://drive.google.com/file/d/1ILObRk6N3OP3_GhgRXM7PrADZi5nOGGw/view?usp=sharing</a>   |

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|                    | Python”  |                 |   |   |
|                    | 30. Online Course on “Python for Data Science and Machine Learning Bootcamp” | 23rd June, 2020 | Udemy<br><b>Certificate of Completion</b>   | <a href="https://drive.google.com/file/d/18FxZh_pTc45hs-m38HLfU6Ln0wIMhCCeX/view?usp=sharing">https://drive.google.com/file/d/18FxZh_pTc45hs-m38HLfU6Ln0wIMhCCeX/view?usp=sharing</a> |
| Mr. SK Jamil Ahmed | 31. Online Quiz on “Covid 19-Awareness Quiz”                                 | 29th May, 2020  | HKBK College of Engineering<br><b>Quiz Certificate</b>  | <a href="https://drive.google.com/file/d/10-tKgEgbev8Cv0LYv-Sg0rWs-hsU2-L-/view?usp=sharing">https://drive.google.com/file/d/10-tKgEgbev8Cv0LYv-Sg0rWs-hsU2-L-/view?usp=sharing</a>   |
|                    | 32. Online Quiz on “Test Your Knowledge with NBA Criterias”                  | 31st May, 2020  | MLR Institute of Technology, Laxman Reddy Avenue, Dundigal, Hyderabad 500043<br><b>Quiz Certificate</b>           | <a href="https://drive.google.com/file/d/1rWzC2gmqDaGIurxGkBkbOTUFbC3zdoZh/view?usp=sharing">https://drive.google.com/file/d/1rWzC2gmqDaGIurxGkBkbOTUFbC3zdoZh/view?usp=sharing</a>   |
|                    | 33. Online Quiz on “Python Programming”                                      | 15th June, 2020 | Bharat Institute of Engineering and Technology, Approved by AICTE, Affiliated to JNTUH<br><b>Quiz Certificate</b> | <a href="https://drive.google.com/file/d/1weDH_gJeXFU5M-uj_hkPz5QKbTOHQDob/view?usp=sharing">https://drive.google.com/file/d/1weDH_gJeXFU5M-uj_hkPz5QKbTOHQDob/view?usp=sharing</a>   |
|                    | 34. Online Quiz on “e-Quiz on Python Programming”                            | 28th June, 2020 | Bangalore Technological Institute<br><b>Quiz Certificate</b>  | <a href="https://drive.google.com/file/d/176Uhhxl_cIDF2A2q9fIfgsSufI2UUGju/view?usp=sharing">https://drive.google.com/file/d/176Uhhxl_cIDF2A2q9fIfgsSufI2UUGju/view?usp=sharing</a>   |
|                    | 35. Online Quiz on “Python Quiz Series 1”                                    | 29th June, 2020 | HKBK College of Engineering<br><b>Quiz Certificate</b>  | <a href="https://drive.google.com/file/d/1Udnat469Yfsszu95IwVjHpMkGHNACTwF/view?usp=sharing">https://drive.google.com/file/d/1Udnat469Yfsszu95IwVjHpMkGHNACTwF/view?usp=sharing</a>   |
|                    | 36. Online Quiz on “Effective Teaching Methodologies and Teaching Aptitude”  | 30th June, 2020 | NRI Institute of Technology, Affiliated to JNTUK, Kakinada<br><b>Quiz Certificate</b>                             | <a href="https://drive.google.com/file/d/1htfuw67r04tzNR6XGS219BOzmeTB6ORB/view?usp=sharing">https://drive.google.com/file/d/1htfuw67r04tzNR6XGS219BOzmeTB6ORB/view?usp=sharing</a>   |
|                    | 37. Online Quiz on “Quiz on Cryptography, Network Security and Cyber Law”    | 19th July, 2020 | The Oxford College of Engineering, Bangalore<br><b>Quiz Certificate</b>   | <a href="https://drive.google.com/file/d/1L1CXLOPjXaZDEtoMFWGhKja9j2Qf-9h_/view?usp=sharing">https://drive.google.com/file/d/1L1CXLOPjXaZDEtoMFWGhKja9j2Qf-9h_/view?usp=sharing</a>   |

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| Dr. Syed Mustafa     | 1. Webinar on "IOT Stack - End to End Security Considerations"                                | 26th May 2020             | Dept. of CSE,<br>Cambridge<br>Institute of<br>Technology.          | <a href="https://drive.google.com/file/d/1ICkIZXcXgz9RWzIqW75-dHMAyaFqpn39/view?usp=sharing">https://drive.google.com/file/d/1ICkIZXcXgz9RWzIqW75-dHMAyaFqpn39/view?usp=sharing</a> |
|                      | 2. FDP on "Outcome-based Education and Accreditation"   | 25th - 29th May 2020      | IILM College of Engg. & Tech., Greater Noida, U.P (India).- 201306 | <a href="https://drive.google.com/file/d/1Pz63UVX7wY8_im3DhHnwJjGvhxwqN46J/view?usp=sharing">https://drive.google.com/file/d/1Pz63UVX7wY8_im3DhHnwJjGvhxwqN46J/view?usp=sharing</a> |
|                      | 3. FDP on "A DevOps approach: Dockers in Blockchain"  | 17th - 21st June 2020     | AMC college of Engineering, Bangalore                              | <a href="https://drive.google.com/file/d/1XoJx2pijQ3ctoSwsrLC_UeMC1-cXn1A/view?usp=sharing">https://drive.google.com/file/d/1XoJx2pijQ3ctoSwsrLC_UeMC1-cXn1A/view?usp=sharing</a>   |
|                      | 4. FDP on "Emerging Trends on Cyber Security"   | 15th - 20th June 2020     | CMR Institute of Technology, Bangalore                             | <a href="https://drive.google.com/file/d/1OgzoC6CY75qHQSmK63JJXXp4iNjYv-s/view?usp=sharing">https://drive.google.com/file/d/1OgzoC6CY75qHQSmK63JJXXp4iNjYv-s/view?usp=sharing</a>   |
|                      | 5. NPTEL 12 weeks course on "NBA Accreditation and Teaching - Learning in Engineering (NATE)" | Jan-April 2020            | NPTEL Online Certification   | <a href="https://drive.google.com/file/d/1ASCZ7fBnD5gxZjHkAW1eso8IE7WPHDWH/view?usp=sharing">https://drive.google.com/file/d/1ASCZ7fBnD5gxZjHkAW1eso8IE7WPHDWH/view?usp=sharing</a> |
| Dr.Saira Banu        | AICTE Workshop on 4 Days online Course on Exam Reform   | 29th April - 2nd May 2020 | AICTE  | <a href="https://drive.google.com/open?id=1IstDmLzGxiHk2LFCCH0O5x7UZxi7ey7dF">https://drive.google.com/open?id=1IstDmLzGxiHk2LFCCH0O5x7UZxi7ey7dF</a>                               |
| Mrs.Rakheeb a Taseen | 1.One week FDPon Ict tools  | 11th -16th May 2020       |  | <a href="https://drive.google.com/drive/folders/1_5RZBqAfc5_J_YJZtISMxAbl7SC4VIPN">https://drive.google.com/drive/folders/1_5RZBqAfc5_J_YJZtISMxAbl7SC4VIPN</a>                     |
| Mrs.Rakheeb a Taseen | 2.One week FDP on Artificial intelligence   | 22nd - 26th May 2020      |  | <a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>                     |
| Mrs.Rakheeb a Taseen | 3.One week FDPon OBE  | 25th--29th May 2020       |  | <a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>                     |
| Mrs.Rakheeb a Taseen | 4.One week FDP on neural networks and deep learning   | 1st - 5th June 2020       |  | <a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>                     |
| Mrs.Rakheeb a Taseen | 5.One weekFDP on next generation intelligence   | 20th -25th May 2020       |  | <a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>                     |

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| Mrs. Deepika Nair     | 1.FDP on “Data Science”   | 26 <sup>th</sup> – 30 <sup>th</sup> May 2020 | Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai<br>Appreciation of Online Quiz Certificate | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |
| Mrs. Deepika Nair     | 2.Quiz on Knowledge on NBA criteria   | 31st May                                     | MLR Institute of Technology,Laxman Reddy Avenue,Dundigal, Hyderabad 500043  | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |
| Mrs. Deepika Nair     | 3.Online quiz on “Enhancing Soft Skills”  | 3rd June 2020                                | Proudhadeveraya Institute of Technology, (PDIT) Belgaum, Karnataka and recognized by AICTE, New Delhi.                                  | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |
| Mrs. Deepika Nair     | 4.FDP On “ A DevOps approach: Dockers in Blockchain”:                                     | 17th -21st June 2020                         | AMC Engineering College, Department of Computer Science and Engineering, Bangalore.<br><b>Participation Certificate</b>                 | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |
| Mrs. Deepika Nair     | 5. Webinar on “Preparedness and Challenges of College Teachers in the Post Covid Era”     | 14th June,2020                               | Government First Grade College For Women, Balmatta, Mangaluru.<br><b>Participation Certificate</b>                                      | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |
| Mrs. Deepika Nair     | 6.E-Quiz on Python Programming  | 15th June,2020                               | Bhatat Institute of Engineering and Technology  | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |
| Mrs.Chandanita Thakur | 1. NPTEL Certification on “NBA Accreditation and Teaching-Learning in Engineering (NATE)” | Jan-April, 2020                              | NPTEL Online Certification<br><b>Participation Certificate</b>  | <a href="https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYyiq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a> |

|                        |   |  |   |   |
|------------------------|---|--|---|---|
| Mrs.Chanda nita Thakur | 2. NPTEL Certification on “Database Management System”                                | Jan-April, 2020                              | NPTEL Online Certification<br><br><b>Participation Certificate</b>  | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs.Chanda nita Thakur | 3. Online Course on “Machine Learning”  | 25th April,2020                              | Tata Steel ELearning Programing<br><br><b>Certificate of Completion</b>   | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs.Chanda nita Thakur | 4. Online Course on “Advance Microsoft Excel”   | 31st May,2020                                | Tata Steel ELearning Programing<br><br><b>Certificate of Completion</b>   | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs.Chanda nita Thakur | 5.FDP On “ A DevOps approach: Dockers in Blockchain”:                                 | 17th -21st June 2020                         | AMC Engineering College,<br>Department of Computer Science and Engineering,<br>Bangalore.<br><b>Participation Certificate</b>             | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs.Chanda nita Thakur | 6. FDP on “Data Science”  | 26 <sup>th</sup> – 30 <sup>th</sup> May 2020 | Department of Information toTechnology, Fr. Conceicao Rodrigues College of Engineering, Mumbai<br>Appreciation of Online Quiz Certificate | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs.Chanda nita Thakur | 7.Quiz on Knowledge on NBA criteria   | 31st May                                     | MLR Institute of Technology,Laxman Reddy Avenue,Dundigal, Hyderabad 500043  | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs. Chandanita Thakur | 8. Online quiz on “Enhancing Soft Skills”   | 3rd June 2020                                | Proudhadeveraya Institute of Technology, (PDIT) Belgaum, Karnataka and recognized by AICTE, New Delhi.                                    | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |
| Mrs. Chandanita Thakur | 9. Webinar on “Preparedness and Challenges of College Teachers in the Post Covid Era” | 14th June,2020                               | Government First Grade College For Women, Balmatta, Mangaluru.<br><b>Participation Certificate</b>  | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a> |



|                        |  |                                  |   |   |
|------------------------|--|----------------------------------|---|---|
| Mrs. Chandanita Thakur | 10.Webinar on Artificial Intelligence and its Application in Public Health                       | 18th June,2020                   | Aloysius College  | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>                 |
| Mrs. Chandanita Thakur | 11.E-Quiz on Python Programming  | 15th June,2020                   | Bhatat Institute of Engineering and Technology  | <a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>                 |
| Ms.Farnaz Khatoon      | 1.International Webinar on "Preparedness and challenges of class teachers in the post Covid Era" | 14-06-2020                       | Government First Grade College For Women BALMATTA,MA NGALORE-575001   | <a href="https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-">https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-</a>                         |
| Ms.Farnaz Khatoon      | 2.One week FDP on neural networks and deep learning  | 1st - 5th June 2020              | Reva University Bangalore   | <a href="https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-">https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-</a>                         |
| Ms.Aparna Nair M K     | Online Training Program on Robotics Systems Design using Arm Based MSP432 Microcontrollers       | 17 <sup>th</sup> -19th June 2020 | Texas Instruments India University Program in association with EdGate Technologies Pvt Ltd Bangalore  | <a href="https://drive.google.com/file/d/1NrPUYlfDbD12bhhMTUgW2uO3kt_iDbkU/view?usp=sharing">https://drive.google.com/file/d/1NrPUYlfDbD12bhhMTUgW2uO3kt_iDbkU/view?usp=sharing</a>     |
| Ms.Aparna Nair M K     | e-Quiz on "Fundamentals of Electronics and Communication Engineering"                            | 31 <sup>st</sup> May 2020        | Department of Electronics and Communication Engineering, School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, Jammu and Kashmir, | <a href="https://drive.google.com/file/d/172P_dUs_am7XNXKLtMJzJKlFwqYww2m9/view?usp=sharing">https://drive.google.com/file/d/172P_dUs_am7XNXKLtMJzJKlFwqYww2m9/view?usp=sharing</a>     |
| Mahesha K              | 1. NPTEL Certification on "NBA Accreditation and Teaching-Learning in Engineering (NATE)"        | Jan-April, 2020                  | NPTEL Online Certification<br><br><b>Participation Certificate</b>  | <a href="https://drive.google.com/file/d/13CtILLT6zgWZwNeiOxHJ_gjSYDTQxlp_O/view?usp=drivesdk">https://drive.google.com/file/d/13CtILLT6zgWZwNeiOxHJ_gjSYDTQxlp_O/view?usp=drivesdk</a> |

|   |   |                            |  |   |
|---|---|----------------------------|--|---|
| Mahesha K   | 2. NPTEL Certification on " Software Testing "                              | Jan-Feb, 2020              | NPTEL Online Certification<br><br><b>Participation Certificate</b> | <a href="https://drive.google.com/file/d/138Atw412ELu2W8gkz6Q-koKFW7DtAR4T/view?usp=drivesdk">https://drive.google.com/file/d/138Atw412ELu2W8gkz6Q-koKFW7DtAR4T/view?usp=drivesdk</a> |
| Mahesha K<br>4  | 3. NPTEL Certification on "Introduction to Internet of Things "             | Jan-April, 2020            | NPTEL Online Certification<br><br><b>Participation Certificate</b> | <a href="https://drive.google.com/file/d/13ETnj0-eSzILG1sgHj79U4rVvq02duMa/view?usp=drivesdk">https://drive.google.com/file/d/13ETnj0-eSzILG1sgHj79U4rVvq02duMa/view?usp=drivesdk</a> |
| Galeebathull ah.B<br>Technical Paper Writing and Patenting” | Online Quiz on “Enhancing Soft Skills”                                      | 3 <sup>rd</sup> June 2020  | Proudhadevaraya Institute of Technology “                          | <a href="https://drive.google.com/drive/u/1/folders/1InTAR0SsrqZfSq1wTmvZTsKB_YA_tXqIb">https://drive.google.com/drive/u/1/folders/1InTAR0SsrqZfSq1wTmvZTsKB_YA_tXqIb</a>             |
| Galeebathull ah.B   | Webinar on “ Data Analytics Engineering &Science” Answering the 5 W’s       | 4 <sup>th</sup> June 2020  | Adhiyamaan College of Engineering                                  |   |
| Galeebathull ah.B   | Webinar on “ Buisness Intelligence and it’s Application”                    | 5 <sup>th</sup> June 2020  | S.E.A College of Engineering and Technology                        |   |
| Galeebathull ah.B   | Online Course On “ Getting Started with Software Testing Context and Basics | 9 <sup>th</sup> June2020   | Udemy  | <a href="https://drive.google.com/file/d/1wb_H9MDWtOGjiJ9iHLj6GKxO6ZZPNcSV/view?usp=sharing">https://drive.google.com/file/d/1wb_H9MDWtOGjiJ9iHLj6GKxO6ZZPNcSV/view?usp=sharing</a>   |
| Galeebathull ah.B   | Scrum Foundation Professional Certificate (SFPC)                            | 19 <sup>th</sup> June 2020 | Certiprof  | <a href="https://drive.google.com/file/d/1hUJxm_bQ_RJv8fv_6ajAxYFCNkOW0SFJ/view?usp=sharing">https://drive.google.com/file/d/1hUJxm_bQ_RJv8fv_6ajAxYFCNkOW0SFJ/view?usp=sharing</a>   |
| Galeebathull ah.B   | Webinar on “Technical Paper Writing and Patenting “                         | 29 <sup>th</sup> July 2020 | AMC Engineering College  | <a href="https://drive.google.com/file/d/1Lkg_urwYtPz2gBO0MWMJhSf0_NkkB_44/view?usp=sharing">https://drive.google.com/file/d/1Lkg_urwYtPz2gBO0MWMJhSf0_NkkB_44/view?usp=sharing</a>   |
| Galeebathull ah.B   | Webinar on “ Agile Software Development “                                   | 18 <sup>th</sup> July-2020 | PC Jabin Science College ,Hubbali                                  |   |

|                  |  |  |                                   |   |
|------------------|--|--|-----------------------------------|---|
| Galeebathullah.B | FDP on “Automation Testing Using Selenium “    | 6 <sup>th</sup> – 10 <sup>th</sup> July 2020 | PC Jabin Science College ,Hubbali | <a href="https://drive.google.com/file/d/1uMsBs6ItGytc6u68xj8I0xpDozqMnTVb/view?usp=sharing">https://drive.google.com/file/d/1uMsBs6ItGytc6u68xj8I0xpDozqMnTVb/view?usp=sharing</a> |
| Galeebathullah.B | Webinar on “DNS security and DNS Configuration | 3 <sup>rd</sup> July 2020                    | Brindavan College of Engineering  | <a href="https://drive.google.com/file/d/1n78ppc1e8sWXn443G8BN1dr7-cPMVfyf/view?usp=sharing">https://drive.google.com/file/d/1n78ppc1e8sWXn443G8BN1dr7-cPMVfyf/view?usp=sharing</a> |



# **HKBK COLLEGE OF ENGINEERING**

**Department of Electronics and Communication**

**Mandatory Disclosure**

|  |   |  |                |                |                |                |                |                  |
|--|---|--|----------------|----------------|----------------|----------------|----------------|------------------|
| 1  | Name of the Department  | <b>ELECTRONICS &amp; COMMUNUCATION ENGINEERING</b>                       |                |                |                |                |                |                  |
|  | Course  | <b>B.E</b>   |                |                |                |                |                |                  |
|  | Level   | <b>U.G</b>   |                |                |                |                |                |                  |
|  | 1 <sup>st</sup> year of approval by the Council   | Yes (1997)   |                |                |                |                |                |                  |
|  | Year wise sanctioned intake   | <b>2014-15</b>   | <b>2015-16</b> | <b>2016-17</b> | <b>2017-18</b> | <b>2018-19</b> | <b>2019-20</b> | <b>2020-2021</b> |
|  |   | 180  | 180            | 180            | 180            | 180            | 180            | 180              |
|  | Year wise Actual Admission  | 116  | 116            | 129            | 133            | 127            | 91             | 58               |
|  | Cut off marks –General Quota  |  | L-20348        | L-25775        | L-37105        | L-42086        |                |                  |
|  |   |  |                |                |                |                |                |                  |
|  |   |  | H-107524       | H-116428       | H-175653       | H-210821       |                |                  |
|  | Students passed with distinction  | 67   | 68             | 62             | 58             | 97             | 69             | 22               |
|  | Students passed with first class  | 38   | 13             | 14             | 27             | 62             | 38             | 48               |
|  | Students Placed   |  | 38             | 37             | 34             | 28             | 52             | 35               |
|  | Average Pay package   |  |                |                | 4.9 lakh       | 5 lakh         | 3lakh          | 3 lakh           |
|  | Students opted for higher studies   |  | 4              | 4              | 3              |                | 3              | 3                |
|  | Accreditation Status of the Course  | NBA, NAAC : B  |                |                |                |                |                |                  |
|  | Doctoral Courses  | No   |                |                |                |                |                |                  |
|  | Foreign Collaboration   | No   |                |                |                |                |                |                  |
|  | Professional Society Membership   | <b>Faculty:</b> ISTE, IEEE,<br><b>College:</b> IEEE, ISTE Student Branch |                |                |                |                |                |                  |
|  | Professional Activities   | Yes  |                |                |                |                |                |                  |
|  | Consultancy Activities  | NO   |                |                |                |                |                |                  |
|  | Grants Fetched  | AICTE-ATAL Sponsored FDP on Embedded Systems and Robotics                |                |                |                |                |                |                  |
| <b>I</b>   | <b>DEPARTMENTAL ASSOCIATION ACTIVITIES</b>  |  |                |                |                |                |                |                  |
| <b>FDP/SDP/Workshop/Guest Lectures organized</b> |   |  |                |                |                |                |                |                  |
| <b>AY 2020-21</b>                                |   |  |                |                |                |                |                |                  |
| 1  | An FDP on “Advanced Embedded Systems” was organised from 6th to 10th April 2021.  |  |                |                |                |                |                |                  |
| 2  | An FDP on “Data analytics using AI and ML” was organized from 12th April to 17th April 2021.                                  |  |                |                |                |                |                |                  |
| 3  | A workshop on “Awareness on National Institutional Ranking Framework” was organized from 15th - 19th February 2021.           |  |                |                |                |                |                |                  |
| 4  | A Workshop on “Enabling Students towards Higher Order Thinking (HOT)” was organized from 16-03-21 to 19 -03-21 2021           |  |                |                |                |                |                |                  |
| 5  | A Seminar on “Advances in Artificial Intelligence and Machine Learning” was organized from 19th March 2021 to 21st March 2021 |  |                |                |                |                |                |                  |



## **II FDP/SDP/Workshop/Guest Lectures Attended**

**AY 2020-21**

### **I Webinars Attended**

1. Dr.Venkatesan C, Prof. Suhas A R and Dr.R.G.vidhya attended a webinar on “Startups-Future of India: Plan for startup, Legal and Ethical Steps” on 12/06/2021 organized by Vivekananda Institute of Technology
2. Dr.Venkatesan C, and Prof. Suhas A R attended a webinar on “OBE-In Pursuit of Academic Excellence” on 16/06/2021 organized by Karpagam Academy of Higher Education.
3. Dr.Venkatesan C, Prof. Suhas A R, Dr.R.G.vidhya and Dr.J.Surendiran attended a webinar on “IOT Architecture” on 21-06-2021 organised by Nehru Institute of Engineering and Technology
4. Dr. Venkatesan C attended a webinar on “Challenges and prospective solutions for lead free pervkite solar cells” organised by Nehru Institute of Engineering and Technology on 07-06-2021.
5. Dr.Venkatesan C, Prof. Suhas A R and Dr.R.G.vidhya attended a webinar on “Recent Trends in the application of RAMAN Spectroscopy” organised by St.Antony’s College of Arts and Sciences for Women on 07-06-2020.
6. Prof. Abdul Azeez attended a webinar on “NBA Awareness Webinar on Outcome Based Education and Accreditation” organized by National Board of Accreditation, New Delhi and Visvesvaraya Technological University, on 20th October 2020.
7. Prof. K. H Yogananda attended a webinar on “Role of front end design in VLSI” organised by Dr. AIT on 12-11-2021
8. Dr. Sanajana Prasad attended a webinar on “Job Title Normalization using BERT Embedding and its Impact over Job Recommendation” organised by Dr.AIT on 30<sup>th</sup> April 2021.
9. Dr. Sanajana Prasad attended a webinar on “Opportunities in VLSI and Embedded systems Design ” organised by Dr.AIT on 29<sup>th</sup> April 2021.
10. Prof. Shireen Fathima attended a webinar on “Triveni sangam of Gnaga(Computing), Jamuna(Communication) and sarawati(industry 4.0)” organised by Brindavan College of engineering on 29-04-2021.
11. Prof. Shireen Fathima attended a webinar on “Evolutionary Learning and its Engineering Applications” organised by IEEE Student Branch-GSSS Institute of Engineering and Technology for Women, Mysuru on 21/05/2021.
12. Prof. Rashmi Rani S and Prof. Anees fathima attended a webinar on “Realization of 5 technology ” organised KS school of engineering on 7<sup>th</sup> October 2020.
13. Dr. Sanajana Prasad attended a webinar on “Biped Robot and its control” organised by Dr.AIT on 03<sup>rd</sup> May, 2021.
14. Dr. Sanajana Prasad attended a webinar on “Hamara Tejas” organised by Dr.AIT on 24/06/21.
15. Dr. Sanajana Prasad attended a webinar on “Multicarrier and MIMO in 4G and 5G” organised by Dr.AIT on 05<sup>TH</sup> February 2021.
16. Dr. Sanajana Prasad attended a webinar on “Importance of Mental Well-Being in Continuing Pandemic times” organised by Jain University on October 2020.
17. Dr. Sanajana Prasad attended a webinar on “Extent Of Engineering And Technology In Ancient India (Shilpshastra) ” organised by Padmabhooshan Vasantraodada Patil Institute of Technology, Sangli on 26<sup>th</sup> June 2021
18. Dr. Sanajana Prasad attended a webinar on “Recent Trends in the Applications of Raman Spectrascopy ” organised by St.Antony’s College, Dindugul on 07<sup>th</sup> June 21
19. Dr. Sanajana Prasad attended a webinar on “Challenges and prospective solutions for lead free pervkite solar cells” organised by Nehru Institute of Engineering and Technology on 07-06-2021
20. Dr. Sanajana Prasad attended a webinar on “Insights of National Educational Policy (NEP) ” organised by Dr.AIT on 21<sup>st</sup> May 2021.
21. Prof. Abdul Saleem attended a webinar on “Innovations in Mechanical Engineering and Science” organised by Vel Tech R & D Institute of Science and Technology from 24<sup>th</sup> -30<sup>th</sup> Nov, 2020.
22. Prof. Abdul Saleem attended a webinar on “Innovations in Mechanical Engineering and Science” organised by Vel Tech R & D Institute of Science and Technology from 8<sup>th</sup> -12<sup>th</sup> December, 2020.
23. Prof. Abdul Saleem attended a webinar on “Sexual Harassment at Workplace-Sensitization Session”

organised by BMSIT&M in collaboration with RVITM on 9<sup>th</sup> December 2020.

24. Prof. Abdul Saleem attended a webinar on “Integrating Learning with Neurological Design of the Learner” organised by Ryan Publishers on 2nd Jan 2021
25. Prof. Abdul Saleem attended a webinar on “Opportunities and Challenges in 6G Wireless Technology ” organised by St. Joseph’s Institute of Technology on 19th Jan 2021
26. Prof. Abdul Saleem attended a webinar on “Senior Talks ” organised by IEEE Societies from 19-22 May 2021.
27. Prof. Abdul Saleem attended a webinar on “Digital Image Processing and Computer Vision ” organised by KRE’s Society from 31<sup>st</sup> May-1<sup>st</sup> Jun2021
28. Prof. Abdul Saleem attended a webinar on “Machine Learning and its Recent Trends” organised by IEEE Student Branch, Presidency University on 29<sup>th</sup> Aug 2020

## **II Workshops Attended**

1. Prof. Zahira Tabassum, Prof. syeda Husna Mohammadi, Prof. Abdul Azeez Prof. Rashmi Rani S, Prof. Mohamed Jebran, Prof. Anees Fathima, Prof. Nikhath Tabassum, Dr. B P Pradeep Kumar, Dr. Surendiran J, Prof. Abdul Saleem and Prof. Surendra K V attended a workshop on “Awareness on NIRF ” organised by HKBKCE from 15/2/21-19/2/21
2. Prof. Zahira Tabassum, Prof. syeda Husna Mohammadi, Prof. Surendra K.V, Prof. Abdul Azeez, Prof. Rashmi Rani S, Dr. B P Pradeep Kumar, Dr. Surendiran J, and Prof. Abdul Saleem attended a workshop on “Enabling Students towards HOTS” organised by HKBKCE from 15/03/21-19/03/21
3. Prof. Mohamed Jebran P attended a workshop on “Recent Advancement on Electronics and Computer Intelligence.” Organized by ambalpur University Institute of Information Technology (SUIT), Burla, Odisha from 26th to 30th April 2021.
4. Prof. Mohamed Jebran P attended a workshop on “How Teachers Can Make a Difference” Organized by Teaching Learning Center (TLC) Indian Institute of Technology Madras , Chennai from April 15 - 17, 2021.
5. Prof. Shireen Fathima attended a workshop on “Recent advancements in Deep learning” Organized by IIT, Roorkee from 17<sup>th</sup> May -23<sup>rd</sup> May 2021.
6. Prof. Abdul Saleem attended a workshop on “Call for code using IoT ” Organized by CEIT in collaboration with IBM India on 27th May 2020.
7. Prof. Abdul Saleem attended a workshop on “Research Trends in Computer Science and Engineering ” Organized by SDMCE, Dharwad from 21<sup>st</sup> -26<sup>th</sup> Dec 2020.
8. Prof. Abdul Saleem attended a workshop on “Formal Languages and Automata Theory” Organized by SRM Institute of Science & Technology from 14<sup>th</sup> -19<sup>th</sup> Dec, 2020.
9. Prof. Abdul Saleem attended a workshop on “Flexible and Wearable Antennas & Applications Sponsored by TEQIP-III ” Organized by Rajasthan Technical University-Kota from 9<sup>th</sup> -13th Feb, 2021.
10. Prof. Abdul Saleem attended a workshop on “Numerical and Analytical Techniques in Engineering Problems (WNATEP-2020)” Organized by SRM Institute of Technology from 12-13 Nov 2020
11. Prof. Abdul Saleem attended a workshop on “DST Sponsored Technology Based Entrepreneurship Development Programme (TEDP-2021) ” Organized by NITK Science and Technology Entrepreneurs’ Park, Surathkal from 15<sup>th</sup> -26<sup>th</sup> Mar 2021.

## **III FDPs Attended**

1. Prof. Rashmi Rani S. attended a FDP on “Insights to Nanotechnology” from Dr AIT, Bangalore on 06/08/20.
2. Prof. Rashmi Rani S, Prof. Mohamed Jebran p, Prof. Nikhath Tabassum, Dr. B P Pradeep Kumar, Dr. Sanjana Prasad attended an FDP on “Advanced Embedded Systems” from HKBKCE from 06/04/21-10/04/21.
3. Prof. Abdul Saleem attended a FDP on “Research at a Glance: Current Protocols” from Sinhgad Institutes on 18-23 Jan, 2021.
4. Prof. Abdul Saleem attended a FDP on “Engineering Challenges in 21st Century: Overview with Sample Case Studies ” from Sinhgad Institutes on 25th Feb, 2021.
5. Prof. Abdul Saleem attended a FDP on “Design of Experiments Using Taguchi Technique Sponsored

- by TEQIP-III ” from Rajasthan Technical University-Kota from 26<sup>th</sup> -30<sup>th</sup> Jan 2021.
6. Prof. Abdul Saleem attended a FDP on “Demystifying Optimization Techniques ” from Bannari Amman of Technology from 22-27 Mar 2021
  7. Prof. KH Yogananda attended a FDP on “Developing multidimensional competency in Teaching ” from HKBKCE from 16/03/2021 to 18/03/2021.
  8. Prof. Abdul Azeez attended an FDP on “Advancement in Signal and Image Processing” from ATRIA Institute of Technology from 8/2/21 to 12/2/21.
  9. Prof. KH Yogananda attended a FDP on “Inculcating UHV in Technical Education ” from AICTE from 22/03/2021 to 26/03/2021.
  10. Prof. Abdul Azeez attended an FDP on “Artificial Intelligence and ambient intelligence ” from Hindustan Institute of Technology and Science from 15/2/21 -27/2/21.
  11. Dr.Venkatesan C, Prof. Suhas A R, Dr.Sanjana Prasad and Dr.R.G.Vidhya attended an FDP on “ICT Tools for Effective Teaching Learning ” from Kamla Nehru Mahavidyalaya, Nagpur from 8/6/21-10/6/21.
  12. Dr.Venkatesan C, Prof. Suhas A R attended an FDP on “Recent Trends in Electrical Engineering ” from Karpagam Academy of Higher Education from 09/6/21-15 /6/21.
  13. Dr.Venkatesan C, Prof. Suhas A R, Dr. Surendiran J, Dr.R.G.Vidhya attended an FDP on “Anatomy of an Electric Vehicle ” from CADMaXX Solutions on 08/05/2021.
  14. Prof. Zahira Tabassum, Prof. syeda Husna Mohammadi, Prof.Anees Fathima attended an FDP on “Universal Human Values ” from 08/03/21 to 12/03/21 from AICTE.
  15. Prof. Anees Fathima attended an FDP on “IoT and Its Applications” from 08/01/21 to 13/01/21 from New Horizon College of Engineering.
  16. Prof. Rashmi Rani S, Prof. Anees Fathima, Dr.B P Pradeep Kumar, prof.Surendra K V have attended an FDP on “Data analytics using AI and ML” from HKBKCE from 12/4/21 to 17/4/2021
  17. Prof. Mohamed Jebran.P attended an FDP on “Developing multidimensional competency in Teaching ” from 16/03/2021 to 18/03/2021 from HKBKCE.
  18. Prof. Mohamed Jebran.P attended an FDP on “Artificial Intelligence and ambient intelligence ” from 15/2/21 -27/2/21 from Hindustan Institute of Technology and Science .
  19. Prof. Mohamed Jebran.P attended an FDP on “Artificial Intelligence ” from 2021-1-27 to 2021-1-31 from Sri Jaya Chamareajendra College of Engineering.
  20. Prof. Shireen Fathima attended an FDP on “Modern trends in Engineering Technology ” 4/06/2021-08/06/2021 from HKBKCE, Dept. of ME.
  21. Prof. Zahira Tabassum, Prof. syeda Husna Mohammadi, Prof. Mohamed Jebran P attended an FDP on “Innovative Approaches in Teaching Pedagogy ” from 14/6/21 to 19/6/21 from AICTE Sponsored , organised by Sahyadri College of Engineering & Management
  22. Prof. Zahira Tabassum, Prof. syeda Husna Mohammadi attended an FDP on “Assessment Strategies for higher order learning ” from 05/4/21 to 8/4/21 from HKBKCE, Dept of CSE
  23. Prof. Zahira Tabassum attended an FDP on “Electric Vehicles ” from 7th to 11th Dec 2020 from NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY,AICTE.
  24. Prof. Zahira Tabassum attended an FDP on “Lab on Chip ” from 14th-18th Dec 2020 from DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY (DU),AICTE.
  25. Prof. Zahira Tabassum attended an FDP on “RENEWABLE ENERGY INTERVENTION IN INDUSTRY, COMMERCIAL AND DOMESTIC APPLICATION” ” from 15th-27th Feb 2021 from Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal,AICTE.
  26. Dr.R.G.Vidhya attended an FDP on “Facets of teaching ” from 14-20 June 2021 from Lakshmi college of education
  27. Dr.Sanjana Prasad attended an FDP on “Developing Multi-dimensional Competency in Teaching ” from 16 – 18th March 2021 from HKBK College of Engineering
  28. Dr.Sanjana Prasad attended an FDP on “Smart Cities ” from 18-01-21 to 22.01.21 from Dr.AIT, Bengaluru.
  29. Dr.Sanjana Prasad attended an FDP on “Smart Cities ” from 18-01-21 to 22.01.21 from Dr.AIT,

Bengaluru.

30. Prof. Nikhath Tabassum attended an FDP on “Network Simulations Using NS-3 - A Research Perspective ” on 6/6/21 from SVCE, Bengaluru.
31. Prof. Nikhath Tabassum attended an FDP on “Indo Swiss women in tech. entrepreneur meet ” on 23/6/21 from Swiss nex India and IEEE Bangalore section.
32. Dr. Maaz Ahmed attended an FDP on “Data Science” from 4/1/21 to 8/1/21 from Atal
33. Dr. Maaz Ahmed attended an FDP on “Internet of things ” from 11/1/21 to 15/1/21 from Atal
34. Prof. Abdul Saleem attended an FDP on “Research at a Glance: Current Protocols ” from 18-23 Jan,2021 from Sinhgad Institiutes .
35. Prof. Abdul Saleem attended an FDP on “Engineering Challenges in 21st Century:Overview with Sample Case Studies ” on 25th Feb,2021 from Sinhgad Institiutes.
36. Prof. Abdul Saleem attended an FDP on “Design of Experiments Using Taguchi Technique Sponsored by TEQIP-III ” from 26-30 Jan 2021 from Rajasthan Technical University-Kota
37. Prof. Abdul Saleem attended an FDP on “Demystifying Optimization Techniques ” from 22-27 Mar 2021 from Bannari Amman Institute of Technology.

#### **IV International/ National Conferences**

1. Prof. Mohamed Jebran P attended a conference on “International Conference on Advanced Computing and Communication Systems” from Sri Eshwar College of Engineering, Coimbatore, Tamil Nadu from 19th & 20th March 2021
2. Dr. Surendiran J, and Prof.Abdul Azeez attended a conference on “International Conference on Advanced Computing and Communication Systems” from Sri Eshwar College of Engineering,Coimbatore,Tamil Nadu from 19th & 20th March 2021.
3. Sufia Banu, Swetha Gupta attended and presented a paper on “The Sub-Threshold Leakage Reduction techniques in CMOS circuits ” in International conference on smart technologies in computing, electrical and electronics, REVA College, Bangalore. From 9-10 Oct-20
4. Prof. Sufia Banu attended and presented a paper on “Implementation of smart mirror using Raspberry Pi ” in ICRTDIC, AIT, Bnaglore . on 20 Oct-20
5. Prof. Sufia Banu attended and presented a paper on “MICROCONTROLLER BASED INDUSTRIAL PRODUCTION LINE MANAGEMENT SYSTEM ” in VIRTUAL CONCLAVE on COMPUTER VISION IMPELLED TECHNOLOGY, Dayanand sagar university, Bangalore from 11-12 Sep-20
6. Prof. Sufia Banu attended and presented a paper on “Review of Circuit Level Leakage Power Minimization Techniques in Deep Submicron Technology ” in JNANA CHILUME-2020 “Automation, Control and Communication”, Jain University, Bangalore 25 Nov., 2020
7. Nikhath Tabassum, Geetha D. D., Rajashekhar C Biradar attended and presented a paper on “Joint position estimation and synchronization of clocks in WSN ” in Sixth International Congress on INFORMATION & COMMUNICATION TECHNOLOGY, London, UK 25-26 Feb, 2021
8. I. Ahmed B.K., G. Ahmed, A. Saleem and S. Ahmed attended and presented a paper on “Enhancement of the Iris-Texture by Removal of Specular Reflections for an accurate Iris Segmentation ” in 2020 Second International Conference on Inventive Research in Computing Applications, RVS college, Coimbatore, Tamil Nadu 15-17 July 2020.
9. Maaz Ahmed, Waseem Ahmed attended and presented a paper on “State of the art power profiling techniques ” in International conference on Electrical energy systems, SSN college of engineering, Kalavakkam, Chennai, Tamil Nadu 20-22 Feb. 2021

#### **V Expert Lectures Delivered**

1. Dr Surendiran J has delivered an expert lecture on “Fiber optics communication” at New prince Bhavani college of engineering and technology on 03/05/2021
2. Dr Surendiran J has delivered an expert lecture on “Linear Integrated circuits” at New prince Bhavani college of engineering and technology on 26/04/2021
3. Dr Surendiran J has delivered an expert lecture on “Digital Signal Processing” at New prince

Bhavani college of engineering and technology on 06/05/2021

4. Dr.Mamatha Y N has delivered an expert lecture on “Peer perspective in NIRF ” at HKBK college of Engineering on 18/02/2021.
5. Dr.Mamatha Y N has delivered an expert lecture on “Artificial intelligence used for satellite imageries ” at HKBK college of Engineering on 19/4/2021
6. Prof.Rashmi Rani S has delivered an expert lecture on “TLP- " Student Support" at HKBK college of Engineering on 24/08/20.
7. Dr.B P Pradeep Kumar has delivered an expert lecture on “Computer vision using ML " at HKBK college of Engineering on 14/4/2021
8. Dr.B P Pradeep Kumar has delivered an expert lecture on “Satellite video data analytics " at Dr.AIT on 26/3/2021.
9. Dr. Sanjana Prasad has delivered an expert lecture on “Python for Data Science and AI " at HKBK college of Engineering on 14/4/2021
10. Dr. Sanjana Prasad has delivered an expert lecture on “Recent Trends in Electronics and Communication Engineering " at HKBK college of Engineering on 05/05/21
11. Dr.Venkatesan C has delivered an expert lecture on “Electrical Engineering in reality" at Karpagam Academy of Higher Education on 10/06/21.

## VI Publications: Journals

1. Zahira Tabassum, Dr. Chandrashekhar Shastry, “ Analysis of Load Consumption”, *International Journal of Innovative Science and Research Technology*, Volume 5, Issue 10, ISSN no. 2456-2165, October 2020
2. Anitha. R, Dr.Subburam. S, Keerthana. G, K. H. Yoganandarajurs, “Smart trolley billing system”, *European Journal of Molecular & Clinical Medicine*, Volume 7, Issue 11, pp. 2264-2270, ISSN: 2515-8260, 2020
3. Sanjana Prasad,Ramesh Jayabalan, “PAPR reduction in OFDM systems using Modified SLM with different phase sequences”, *Wireless Personal Communications*, Volume 110, Issue 2, pp. 913-929, 2020, Springer, ISSN No:0929-6212
4. Nikhath Tabassum, Geetha D. Devanagavi, Rajashekhar C. Biradar, Mihai T. Lazarescu, “Comparative node selection-based localization technique for wireless sensor networks: A bilateration approach”, *International Journal of communication systems* , Volume 33, Issue 15, Aug.2020, Wiley, ISSN:1099-1131
5. Nikhath Tabassum, Geetha D.D., “Localization Techniques in Wireless Sensor Networks: A Comprehensive Survey” *Sambodhi* (UGC Journal), Volume 43, Issue.02, Nov. 2020, ISSN: 2249-6661.
6. Zahira Tabassum, Dr. Chandrashekhar Shastry, “Smart meter Analysis-A karnataka perspective”, *International journal of research in electronics and computer engineering*, Volume 9, Issue 2, April-June, 2021, ISSN: 2348-2281 (Online)
7. Zahira Tabassum, Dr. Chandrashekhar Shastry, “ Renewable Energy sector in Gujarat,India”, *Journal of University of Shanghai for Science and Technology*, Volume 23, Issue 6, June 2021.
8. Syeda Husna Mohammadi, Zahira Tabassum, Anees Fathima, “Smart Traffic Monitoring system using Arduino-UNO”, *Jouranl of Huazhong University of Science and Technolog*, Voume 50, Issue-03, 2021
9. Suhas A R, Manoj Priyatham, “MHeal nodes specification improvement using modified CHEF method for group based detection point network”, *International Journal of Pervasive Computing and Communications*, DOI 10.1108/IJPCC-10-2020-0170
10. Niranjan Lakshmappa, C. Venkatesan, A.R. Suhas, S. Satheeskumaran, Aaqib Nawaz S, “Design and implementation of chicken egg incubator for hatching using IoT”, *International Journal of Computational Science and Engineering*, In press
11. Mohamed Jebran P, Shweta Gupta, “Pre-Diabetic Retinopathy identification using hybrid Genetic Algorithm-Neural Network classifier”, *Journal of Physics: Conference Series*,



Volume 1937, June 2021,doi:10.1088/1742-6596/1937/1/012033

12. S. Satheeskumaran, C. Venkatesan, S. Saravanan, “Real time ECG signal preprocessing and neuro-fuzzy-based CHD risk prediction”, *International Journal of Computational Science and Engineering* ,In press.
13. Niranjana Lakshmappa, C. Venkatesan, A.R. Suhas, S. Satheeskumaran, Aaquib Nawaz S, “Design and implementation of chicken egg incubator for hatching using IoT”, *International Journal of Computational Science and Engineering* , In press.
14. Rajakumar Chellappan, S. Satheeskumaran, C. Venkatesan, S. Saravanan, “Discrete stationary wavelet transform and SVD-based digital image watermarking for improved security”, *International Journal of Computational Science and Engineering*, In press.
15. C. Venkatesan, K. Balachander, R. Kumar, “Safety driven intelligent autonomous vehicle for smart cities using IoT”, *International Journal of Pervasive Computing and Communications*, In press.

## **VII Publications: Conferences**

1. B. K. I. Ahmed, A. Prakash, M. S. Husna and A. Prakash, “ A Review on Smart Farming with Zinc-Fortified Sprouts”, *2020 Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)* WorldS4, July 2020.
2. I. Ahmed B.K., A. Prakash, S. Husna M. and A. Prakash, “An Approach for Digital Farming using Mobile Robot”, *2020 Second International Conference on Inventive Research in Computing Applications*, ICIRCA, Jul-2020
3. Sufia Banu, Swetha Gupta, “The Sub-Threshold Leakage Reduction techniques in CMOS circuits”, *International conference on smart technologies in computing, electrical and electronics*, Oct-2020
4. Sufia Banu, “Implementation of smart mirror using Raspberry Pi”, ICRTDIC , Oct-2020.
5. Mohammed Jebran P, Sufia Banu, “ Microcontroller based industrial production line management system”, *Virtual conclave on computer vision impelled technology* , Sep-20 20
6. Sufia Banu, “ Review of Circuit Level Leakage Power Minimization Techniques in Deep Submicron Technology”, *JNANA CHILUME-2020 Automation, Control and Communication*, Nov. 2020.
7. Nikhath Tabassum, Geetha D. D., Rajashekhar C Biradar, “ Joint position estimation and synchronization of clocks in WSN”, *Sixth International Congress on information & communication technology*, ICICT, London , UK , Feb, 2021
8. I. Ahmed B.K., G. Ahmed, A. Saleem and S. Ahmed, “Enhancement of the Iris-Texture by Removal of Specular Reflections for an accurate Iris Segmentation”, *2020 Second International Conference on Inventive Research in Computing Applications ICIRCA* , July 2020

## **VIII Seminar Attended**

1. Prof, Mohammed Jebran P have attended an Seminar on “Advances in Artificial Intelligence and Machine Learning” organised by Aligarh Muslim University from 19th March 2021 to 21st March 2021.

## **IX Funds sanctioned**

1. Project “Framework for aquatic diffusion monitoring system using IoT ” funds was sanctioned by VGST.
2. Project “Machine learning based automated unmanned vehicle design for health monitoring of nigrum” funds was sanctioned by VGST.
3. FDP on “FDP on Embedded system and robotics” funds was sanctioned by AICTE-ATAL



# **HKBK COLLEGE OF ENGINEERING**

**Department of Mechanical Engineering**

**Mandatory Disclosure**

## Mandatory Disclosure

|               |   |                         |
|---------------|---|-------------------------|
| <b>11 (f)</b> | <b>Name of the Department</b>                   | <b>Mechanical</b>       |
|               | Course  | Bachelor of Engineering |
|               | Level   | UG                      |
|               | 1 <sup>st</sup> year of approval by the council | 1996-97                 |

| <b>Academic Year</b>               | <b>2016-17</b>        | <b>2017-18</b>        | <b>2018-19</b>        | <b>2019-20</b>        | <b>2020-21</b>        | <b>2021-22</b>        |
|------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Year wise sanctioned intake        | <b>120</b>            | <b>180</b>            | <b>180</b>            | <b>180</b>            | <b>60</b>             | <b>60</b>             |
| Year wise actual admission         | <b>116</b>            | <b>104</b>            | <b>73</b>             | <b>30</b>             | <b>32</b>             | <b>18</b>             |
| Cut off marks – General Quota      |                       |                       |                       |                       |                       |                       |
| Students passed with distinction   | <b>18</b>             | <b>16</b>             | <b>16</b>             | <b>20</b>             | <b>61</b>             |                       |
| Students passed with first class   | <b>41</b>             | <b>36</b>             | <b>30</b>             | <b>29</b>             | <b>74</b>             |                       |
| Students Placed                    | 19                    | 13                    | <b>18</b>             | <b>11</b>             | <b>02</b>             | <b>07</b>             |
| Average Pay package                |                       |                       |                       |                       |                       |                       |
| Students opted for higher studies  | 1                     | 4                     |                       |                       |                       |                       |
| Accreditation Status of the Course | <b>Accredited</b>     | <b>Accredited</b>     | <b>Applied</b>        | <b>Nil</b>            |                       |                       |
| Doctoral Courses                   | <b>Yes</b>            | <b>Yes</b>            | <b>Yes</b>            | <b>Yes</b>            | <b>Yes</b>            | <b>Yes</b>            |
| Foreign Collaboration              | <b>Nil</b>            | <b>Nil</b>            | <b>Nil</b>            | <b>Nil</b>            | <b>Nil</b>            | <b>Nil</b>            |
| Professional Society Membership    | Institute of Engineer | Institute of Engineer | Institute of Engineer | Institute of Engineer | Institute of Engineer | Institute of Engineer |

|                       |   |
|-----------------------|---|
| <b>Funds received</b> | <p><b>2021-22</b></p> <ul style="list-style-type: none"> <li>Modeling and Experimental Investigation of Tensile and Fatigue Strength of Heat Treated Al 8090 composites reinforced with titanium diboride and graphene. AICTE- <b>11,75,000 INR</b></li> </ul> <p><b>2020-21</b></p> <ul style="list-style-type: none"> <li>Study of Dry sliding wear behaviour of pongamia pinnata seed shell polymer matrix composite using Taguchi technique and water absorption test - KSCST-<b>6,000 INR.</b></li> </ul> <p><b>2019-20</b></p> <ul style="list-style-type: none"> <li>Design, Analysis and fabrication of contaminated water filtration system- KSCST- <b>5,000 INR.</b></li> </ul> <p><b>2018-19</b></p> <ul style="list-style-type: none"> <li>Grant for Organizing Conference-AICTE-<b>5, 00,000 INR.</b></li> <li>Mechanical Exoskeleton for the Disabled (Lower Limb) - KSCST-<b>9,000 INR.</b></li> </ul> |
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|                         | <ul style="list-style-type: none"> <li>Effect of injection pressure and injection timing on diesel engine by performance and emission characteristics fueled with dairy waste oil- KSCST-<b>8,500 INR.</b></li> <li>Design and fabrication of mechanically operated seed sowing equipment- KSCST-<b>8,000 INR.</b></li> </ul> <p><b>2017-18</b></p> <ul style="list-style-type: none"> <li>Experimental analysis of fuel properties and engine behaviour with Pongamia seed oil as biofuel- KSCST-<b>11,000 INR.</b></li> </ul> <p><b>2016-17</b></p> <ul style="list-style-type: none"> <li>Analysis of fuel characteristics and performance parameters of Diesel engine using Pongamia oil blends- KSCST-<b>10,000 INR.</b></li> </ul>   |
| <b>Events Organized</b> | <p><b>Workshops Conducted:</b></p> <ul style="list-style-type: none"> <li><b>“TWO DAYS WORKSHOP ON I.C.ENGINES [HANDS ON EXPERIENCE]”</b>On 3rd &amp; 4th OCTOBER 2019. Expert: Naveen kumar, Director-Training, AJ Heuristic, #16, 1st Cross, Near Garden City University, K.R Puram, Bangalore-560036. Ph: 079966 34136</li> <li><b>“TWO DAYS WORKSHOP ON I.C.ENGINES [HANDS ON EXPERIENCE]”</b>On 09/11/2018 – 10/11/ 2018. Expert: Naveen kumar, Director-Training, AJ Heuristic, #16, 1st Cross, Near Garden City University, K.R Puram, Bangalore-560036. Ph: 079966 34136.</li> <li>“</li> </ul> <p><b>Technical Talks:</b></p> <ul style="list-style-type: none"> <li>Webinar on “Management and Enterptreneurship” Date: 17th to 19th December 2020, Venue: Zoom App and Google meet, Resource person: Zeeshan Ahmed-Senior Product Design Engineer. Mercedes-Benz R &amp;D, Resource person: Nagendra Kumble–Founder-Director of Radome Technologies and services pvt ltd. Resource person: M Manjunath– Trainer &amp; Consultant. Coordinators: T M Tajuddin Yezdani, Organized by: Mechanical Engineering Department, Total Participants attended: 500+ students, Details of Participants: Students of all branches and semesters.</li> <li>Expert Talk on “Opportunities to Mechanical Engineers in Aerospace ans Aeronautical Industries and other Industries. Date: 25th November 2020. Expert: Mr. Danish Abdul Khader, Techno-Commercialist, S.S Technologies, Near Yeshwanthpur Metro station,Bengaluru, Karnataka 560022, Ph: 08310639969, Coordinators: Prof. Raahil Azhar Ali, Organized by: Mechanical Engineering Department, Total Participants attended: 94 students, Details of Participants: Students of 5th and 3rd semester.</li> <li>Webinar on “Internship Opportunities in Mechanical/ HVAC Design” in association with Prinston Smart Engineers, Bangalore. Date: 6th October 2020 Venue: Zoom App, Expert: Mr. Asif Akhter, Founder, Prinston Smart Engineers, 10years of experience, United Group Limited, Doha, Qatar. Coordinators: Prof. Raahil Azhar Ali Organized by: Mechanical Engineering Department. Total Participants attended : 78 students, Details of Participants :Students of 7th semester.</li> <li>Expert Talk On <b>“Emerging Trends in Aeronautical and Aerospace Industries and Opportunity for Mechanical Engineers”</b> on 24thFEB 2020. Expert: DANISH ABDUL KHADER, TECHNO-COMMERCIALIST, S S TECHNOLOGIES, Near YeshwanthpurMetrostation, Bengaluru, Karnataka 560022. Ph: 08310639969.</li> <li>Expert Lecture on <b>“Product Development and Career Guidance”</b> on</li> </ul> |

11/09/2019, Expert: K. Kishore Babu, CEO, ProDes, Product design as professional design, Bengaluru.

- Expert talk on **“Drug Awareness and Prevention Programme”** on 18/09/2018. Speaker: Kala Krishnaswamy, IPS, DCP, North Bangalore

**Industrial Visits:**

- Industrial trip to “Synergy Private limited” Peenya Industrial area, Unit-4, Bengaluru, On 09/03/2022. Participants attended: 25 students, Details of Participants :Students of 3rd semester.
- Industrial trip to “KADRA HYDEL POWER PLANT” On 27/09/2018.
- Industrial trip to “RAICHUR THERMAL POWER PLANT” On 26/09/2018.
- Industrial visit to “MOTHER DIARY” on 10/05/2018.
- Industrial visit to “TITAN INDUSTRY” on 21/04/2018.
- Industrial visit to “BANGALORE DIARY” on 18/04/2018.
- “Open Day Exhibition at IISc” on 10-03-2018.
- Industrial visit to “BIEC” on 24/02/2018.
- Industrial visit to “KGTTI” on 15/02/2018 to 16/02/2018.

**FDP/SDP Organized:**

- 5 Days FDP On “MODERN TRENDS IN ENGINEERING TECHNOLOGY.” 4th -8th June 2021, Organized by Dept. of Mechanical Engineering, HKBK College of Engineering, Bengaluru, Resource Persons: Dr. C S Ramesh Professor & Dean, Research & Innovations, Presidency University, Bengaluru-560025. Mr. Mustaq Basha Scientist ‘E’ (Senior Scientist) Heading RAMS and Dynamic Group of Radar Integration Test Engineering Division (RITED), LRDE-DRDO Bengaluru. Mr. T V Yogesh Group Director Scientist F, DRDO Bengaluru. Dr. Bharat Vinjamuri, Professor, Dept. of Mechanical Engineering, Global Academy of Technology, Bengaluru – 560098. Dr. Bharath V G Assistant Professor, Dept. of Mechanical Engineering, School of Engineering and Technology CMR University.
- One Week FDP on **“Recent Trends in Renewable Energy Systems”** 28th Jan to 3rd Feb 2020.
- Two-Day SDP on **“AUTONOMOUS ROBOTICS”**, 13th and 14th September 2019.
- 3 Weeks Induction Program for 1st Year Students, 1st Aug 2018 to 18th Aug 2018.
- SDP ON “STIMULATING ENTREPRENEURSHIP SKILLS” 16/02/2018.
- FDP- on CAMD - “Computer Aided Machine Drawing” 10<sup>th</sup> to 12/08/2016.
- 5 days FDP on Mechanical Properties of Engineering materials and their interpretation, HKBKCE, Bangalore-25<sup>th</sup> to 29<sup>th</sup> Aug 2015.

**Social Awareness Program:**

- One Day program on ‘**Psycho-social Wellbeing of Youth and Gender Sensitization.**’ On 26-02-2020. Speaker- Dr. Jonas Richard A-HRD Professional.
- **“Drug Awareness and Prevention Programme”** on 18/09/2018-Chief Guest: Kala Krishnaswamy, IPS, DCP, North Bangalore.

**Technical and Cultural Events:**

- **Working Model Presentation**-Electric Go-Kart -It is a national Level competition which is conducted by TIT, Bhopal-February 2019. A group of 20 students of our department took part in this project and was awarded 9<sup>th</sup> place.
- Smart India Hackathon on 23-03-2018, it’s a national level project competition and two of our department students took part in this competition.
- **“One Day Activity On Kinematics Of Machines Mechanism Models”** on



10/04/2018.

**Project Exhibition:**

- Department level project exhibition was organized on 11/05/2019 (09:00 AM to 04:00 PM).
- Department level project exhibition was organized on 03/05/2018 (09:00 AM to 04:00 PM).

**Conference / e- Conference:**

- AICTE Sponsored National E-Conference “INNOVATIVE PROCESSING METHODS FOR SYNTHESIZING ADVANCED STRUCTURAL AND FUNCTIONAL MATERIALS” Date: 8th to 10th October 2020, Venue: Google Meet, Conference Chair: Dr. M.S.Bhagyashekar, Principal, HKBKCE. Chief Coordinator: Dr. Mohamed Zakaulla, Associate professor. Advisory Committee: Dr. K. Venkateswarlu, Scientist, NAL, Dr. P G Mukunda, Prof. NITK, Dr. Vijay kumar, Scientist, HAL, Dr. Narendra Nath S, Prof. NIT K, Dr. Ravikumar HOD, BMSCE, Dr. Swamy D R, JSSATE, Dr. Redappa, Prof. BIT, ISTE, D Dr. Venkatesh, VTU, Muddenahalli, Total Participants attended: 25.

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| <p><b>Events Attended</b></p> | <p><b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:</b></p> <ol style="list-style-type: none"> <li>1. Five days FDP on “Modern Trends in Engineering Technology” at HKBK COLLEGE OF ENGINEERING, Bangalore from 04-06-2021.</li> <li>2. One day workshops on “Anatomy of Electric Vehicle” at CADMAX on 04-05-2021.</li> <li>3. Four days workshops on “Enabling Students Towards Higher Order Thinking” at HKBK College Of Engineering from 18-03-2021.</li> <li>4. One week FDP on “Research Proposal Writing” at BIT COLLEGE OF ENGINEERING, Bengaluru from 6-7-2020 to 11-7-2020.</li> <li>5. One week FDP on “Recent advances in Renewable energy system” at HKBK COLLEGE OF ENGINEERING, Bangalore from 28/01/20 to 03/02/2020.</li> <li>6. One day FDP on “Refrigerents in Engineering Applications” at VidhyavardhakaCollege of Engineering, Mysore on 22nd June 2020.</li> <li>7. One week FDP on “Research Opportunities and Challenges in Manufaturing Sectors” at SVERI College of Engineering, Pandharpur from 01-06-2020 to 06-06-2020.</li> <li>8. One week FDP on “Green Manufacturing” at Santhiram Engineering College, Nandyal from 15-05-2020 to 20-05-2020.</li> <li>9. Five days FDP on “Outcome Based Education and NBA Accreditation” at IILM College of Engineering and Technology from 25-05-2020 to 29-05-2020.</li> <li>10. Five days FDP on “Drone View of Hotspots in ME” organised by St.Peters Institue of Higher education and research from 25-05-2020 to 29-05-2020.</li> <li>11. Seven days FDP on “NAAC Awareness Program for Faculties”, at MMIT, PUNE, 08-05-2020 TO 14-05-2020.</li> <li>12. 2 Weeks “FDP on Latex” at Gopalan College of Engineering and Management from 17-04-2020 to 30-04-2020.</li> <li>13. Five days FDP on “OUTCOME BASED EDUCATION AND NBA ACCREDITATION” at RMSIT-20 TO 24 January 2020.</li> <li>14. One week FDP on “Artificial Intellingence and its application towards Robotics” at NIE Mysore from 20-01-2020 to 26-01-2020.</li> <li>15. QIP short term course on "APPLIED AERODYNAMICS" at IISc Bangalore from 20-01-2020 to 24-01-2020.</li> <li>16. Five days FDP on “Develop the Next Generation of Engineering Educators” at Acadamia from 12-12-2019 to 16-12-2019.</li> <li>17. FDP on Advances in Mechatronics System, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT-16-07-2019 to 20/07/2019.</li> <li>18. 42nd Series Seminar/ Exhibition on Student Project Programme held at Dr. Sheshgiri College of Engineering, Belagavi organized by Karnataka State Council for Science and Technology, KLE Society’s Dr. M.S Sheshgiri College of Engineering, Belagavi-26-07-2019 to 27-07-2019.</li> <li>19. FDP on methods of competition in fluid flow-An Industrial Approach, SJCIT, Chikkaballapur-28th Jan to 1st Feb 2019.</li> <li>20. One day Workshop on E resources for Academic Excellence, GCE, Bangalore-9th Feb 2019.</li> <li>21. Workshop on ‘New Model Curriculum PG Course CBCS Detailed syllabus 2018-19 as per outcome- based education (OBE) format including course outcomes and Bloom’s Taxonomy” at BNMIT Bangalore, on 06/08/2018.</li> <li>22. “IEEE IPR Workshop 2018” VTU, Belgaum on 25/08/2018.</li> <li>23. Structural Analysis and FEA validation of truss type fuselage of rear part of aircraft using CFRP, AIT College, and Bangalore on 18th to 19th SEP 2018.</li> <li>24. Workshop on all India seminar on Engineering insight into design and Testing of Aircraft Engine Components, AIT, Bangalore-18th to 19th sep 2018.</li> </ol> |
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25. Workshop on AICTE Model Curriculum, BMSCE, Bangalore- 12/3/2018.
26. FDP on Non, Conventional Energy Sources, MCE, Hassan-9th to 13th April 2018.
27. 5 days FDP on CBCS Based Curriculum development towards autonomy. HKBKCE, Bangalore-11th, 12th 2017 and Dec 23rd to 25th Jan 2018
28. Structural Analysis and FEA validation of truss type fuselage of rear part of aircraft using CFRP, M.S Engineering College, Bangalore-May 22nd 2018.
29. Industrial consultancy research and incubation in academic institution, SVCE Bangalore-11th and 12th Oct 2017.
30. One week FDP Programme on Processing of Materials, Material Characterization and Testing, MSRIT, Bangalore-16th to 21st Jan 2017.
31. Two Weeks FDP on FEM and Stress analysis, CIT, Bangalore - 22nd Jan to 3rd Feb 2018.
32. Simulation Modelling and analysis of Manufacturing System., JSSATE, Bangalore-08th to 12th January 2018.
33. Two days FDP on- Recent advances materials, Manufacturing and sustainability, DSCE, Bangalore-2nd to 3rd Feb 2018.
34. FDP on Modern Materials and their applications, BNMIT, Bengalure-16th to 20th Jan 2018.
35. One day Workshop on CIM, AIT, Bengaluru-23rd March 2018.
36. One Week FDP on Pedagogy Training on Technical Education, VTU-HRDC, Chikkaballapur-16th to 20th Jan 2018.
37. An Overview on Teaching Techniques in ATD, VTU CPGS Muddenhalli- 22nd to 26th January 2018.
38. Cyber security and Forensics, HKBKCE, Bangalore-9th and 10th January 2018.
39. Two Days Workshop on MOODLE, VTU, Belahavi-24th to 25th April 2018
40. Pedagogy training in technical education, VTU CPGS Muddenhalli-16th to 20th January 2018
41. Workshop On Moodle, HKBKCE, Bangalore-24th to 25th April 2018.
42. Hands on Training on FEAST (Analysis Software), Analysing the Structure, Acharya Institute of Technology, Bangalore-28th October 2017.
43. One Day Technical Workshop on FEAST from ISRO, AIT, Bangalore-28th OCT 2017.
44. FDP on "Quality Enhancement Initiatives for CBCS in Engineering and Educational Institution on 22/04/2017 at Khaja Banda Nawaz College of Engineering, Gulbarga.
45. Two Days workshop on Taxonomy and course outcomes, VTU Regional Office, Bangalore-23rd to 24th Jan-2017.
46. One week FDP on "Processing of Materials, Material Characterization and Testing" from 16th to 22nd 21/01/2017 at MSRIT, Bangalore.
47. National Workshop On Acceradation in Technical Education. JSSATE, Bangalore-24th to 26th August 2016.
48. Two week Faculty Development Program on 3M- Modeling, Materials and Manufacturing, BMSCE, Bangalore-13th to 23rd Dec 2016.
49. One Week FDP on Processing of Materials, Material characterization and testing, RMSIT, Bangalore-15th to 21st Jan 2017.
50. Short-term Course on Design Nuances in Incompressible and compressible flow Turbo Machines-IISc, Bangalore -17th to 21st Oct 2016.
51. Workshop on Accreditation for Technical institutions, JSSATE, Bangalore- 26th to 27th Aug 2016.
52. National Symposium on shock waves, KITS, Coimbatore-25th -26th Feb 2016
53. Two days FDP on "Design of Experiments and Optimization Techniques" on 3rd & 4/03/2016 at Sir.M.Visvesvaraya Institute of Technology, Bangalore.
54. Two day National Level seminar on smart Materials and Its application,

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|  | <p>MSRIT, Banaglore-21st to 22nd Dec 2015</p> <p>55. Two days workshop on Advances in Mechanical Measurements” on 29th &amp; 30/01/2016 at Vemana Institute of Technology, Bangalore-34, Vemana Institute of Technology, Bangalore-34 on 29th &amp; 30/01/2016</p> <p>56. Two day National Level seminar on smart Materials and Its application, MSRIT, Banaglore-21st to 22nd Dec 2015</p> <p>57. 3 days workshop on Research Methodologies and latex, JSSATE, Bangalore-26th to 28th May 2016.</p> <p>58. Two days workshop on subject based Pedagogy on ATD , VTU, Mysuru-8th to 9th Feb 2016.</p> <p>59. 3 days FDP on Introduction to Latex, HKBKCE Bangalore-28th to 30th Jan 2016.</p> <p>60. Two days workshop on Advanced Tribology, BU, Bangalore-22nd to 23rd May 2015.</p> <p>61. One week FDP on Industry Institute interaction A productive interface between academia and industry, HKBKCE, Bangalore-21st to 26th Dec 2015</p> <p>62. One Day Workshop on Financial Planing on uncertain Future by SEBI, HKBKCE, Bangalore-21st Nov 2015.</p> <p>63. One day workshop on financial Planning for uncertain Future, HKBKCE, Bangalore-21st Nov 2015.</p> <p>64. One day workshop on Nano Materials, VTU Regional Office, Bangalore-14th DEC 2015.</p> |
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| <b>Higher Education</b> | <p><b>Faculties pursuing Ph.D</b></p> <ul style="list-style-type: none"> <li>• Tajuddin Yezdani</li> <li>• Younus Pasha</li> <li>• Ramachandra Kulkarni</li> <li>• Abdul Mujeeb</li> <li>• Pavan Kumar D</li> </ul> |
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## PAPERS PUBLISHED BY FACULTY

### Academic year:-2021-2022

Dr. Mohamed zakaualla and Younus Pasha, Prediction of mechanical properties for polyetheretherketone composite reinforced with graphene and titanium powder using artificial neural network, Materials Today: Proceedings.

### Academic year:-2020-2021

M S Bhagyashekar, Experimental Testing of Scroll Machine Driven by Compressed Air for Power Generation and Its Integration in Small Scale organic Rankine Cycle. Journal of Thermal Engineering.

M S Bhagyashekar, Influence of Friction Stir Welding Process Parameters on Mechanical Properties of AA6061-9 wt.% SiC Composites, Advances in Lightweight Materials and Structures. Springer Proceedings in Materials 8, 2020.

M S Bhagyashekar, Design and Fabrication of Solar Organic Rankine Cycle Test Rig with Helical Coil Heat Exchangers and working fluid selection strategy. Test Engineering and management, Trade journal (2020), 2379 - 2393, ISSN: 0193-4120.

M S Bhagyashekar, Studies on tribology properties of FS welded AA6061-4.5 wt. % Cu- SiC hybrid composite. National E- Conference On "INNOVATIVE PROCESSING METHODS FOR SYNTHESIZING ADVANCED STRUCTURAL AND FUNCTIONAL MATERIALS" 8 th – 10th OCTOBER, 2020. ISBN: 978-93-89840-90-2.

Younus Pasha, Investigation of performance parameters combustion and emission characteristics of compression ignition engine fueled with pongamia methyl ester-gasoline blend. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects <https://doi.org/10.1080/15567036.2021.1929578>.

Harish H, Experimental Investigation of Effect of Injections Parameters on Stationary Diesel Engine Fuel with the Methyl Ester of Waste Vegetable Oil, Journal of Green Engineering, Volume-10, Issue-11, Pages 12195-12215.

Harish H, The influence of injection timings on performance, emission, and combustion characteristics of compression ignition engine fueled with milk scum oil biodiesel, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects.

Harish H, Extraction of biodiesel from tung seed oil and evaluating the performance and emission studies on 4-stroke CI engine, Materials Today: Proceedings, 2020. <https://doi.org/10.1016/j.matpr.2020.10.328>.

Harish H, Extraction of biodiesel from fish fat and experimental evaluation of performance and emission characteristics in diesel engine, Dogo Rangsang Research Journal, 2020, Volume 10, Issue 8: 117-124.

Younus Pasha, Experimental analysis of fuel properties and performance analysis of diesel engine with esterified castor oil blended with gasoline. Materials Today: Proceedings, 2020 <https://authors.elsevier.com/a/1cIXK7tbNaHcGY>.

Mahaboob Tabriz B, The Review On Performance Characterstics Of Savonius Wind Turbine. National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Abdul Mujeeb N, Automated Lower Limb Rehabilitative Exoskeleton, National E-



Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Harish H, Effect of Injection Parameters on Diesel Engine Operated by Fish Oil Methyl Ester, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Farooq, Experimental Investigation on Performance and Emission Characteristics of Diesel Engine by using Fish Oil Methyl Ester and Iso Butanol, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 th – 10th October, 2020. ISBN: 978-93-89840-90-2.

M.S Bhagyashekar, Studies on tribology properties of FS welded AA6061-4.5 wt. % Cu- SiC hybrid composite, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Ramachandra Kulkarni, Design And Fabrication Of Mechanically Operated Seed Sowing Equipment, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Tansif Khan, Effect of Fiber Orientation on Inter-Laminar Fracture Toughness GIC of a Polymer Matrix Composites, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Mr. Raahil Azhar Ali, Influence of inprocess layup factors on ILSS of FRP Laminates, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Younus Pasha, Experimental Fuel Charecterization And Engine Behaviour Study With Pongamia Seed Oil As Biofuel, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Pavan kumar D, Twin Screw Fabrication of Kevlar Fiber Reinforced Polymer Matrix Composites with Fillers, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Mohammed Yaseer Pasha, Design and Fabrication of River Debris Cleaner, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Tajuddin Yezdani, Design And Fabrication Of Affordable Wearable Chair, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Nehal Ahmad, Innovative Design & Fabrication Of Versatile Treadmill, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

Mohammed Asadullah, Determination of Bond-strength, Porosity and Thermally Grown

Oxide Layer for TBCCoated Inconel Alloy, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 Th – 10th October, 2020. ISBN: 978-93-89840-90-2.

**Academic year:-2019-2020**

Dr. M S Bhagyashekar, Influence of Friction Stir Welding Process Parameters on Mechanical Properties of AA6061-9 wt.% SiC Composites. Springer Proceedings in Materials 8.

Dr. Mohamed zakaulla, Fathima parveen, Amreen, Harish H, Artificial neural network based prediction on tribological properties of polycarbonate composites reinforced with graphene and boron carbide particle, Elsevier Journal - Materials Today Proceeding

Dr. M S Bhagyashekar, Design and Fabrication of solar organic Rankine Cycle Test Rig with Helical coil Heat Exchangers and Working fluid selection strategy, TEST Engineering and Management; ISSN:0193-4120, volume 83, April 2020

Nadeem Pasha K, Wear behavior of Titanium Alloys when subjected to different speed and load levels, International Journal of Recent Technology and Engineering (IJRTE) ISSN:2277-3878, Volume-8 Issue-6, March 2020

**Academic year:-2018-2019**

Nehal Ahmad, B. Mahaboob Tabriz, Fathima Parveen, Mechanical Behavior of Arc Welding using different Flux Materials, International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-9 Issue-2, December 2019

Tajuddin Yezdani, Impact of RCS- Cross Root Process and die design in commercial Brass Alloy Sheets, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December 2019

Nadeem Pasha K, Salim Sharieff, Sliding Response Of Grade 5 Titanium Alloy at different speed and load levels ,International Journal of Recent Technology and Engineering (IJRTE) ISSN:2277-3878, Volume-8 Issue-3, September 2019

Pavan Kumar D, Mahaboob Tabriz B, Nehal Ahmad and Abdul Mujeeb ,Design and Fabrication of Air Caster, Innovation in engineering science, Technology and management. 3 & 4 May 2019

Abdul Mujeeb, Pavan Kumar D, Design and development of lower limb Automated exoSkeleton, Innovation in engineering science, Technology and management. 3 & 4 May 2019

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Salim Sharieff, Nadeem Pasha K, Role of different coating materials and coating thickness on velocity and displacement discontinuities in a tribo-system, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-6, April, 2019

Prof.Salim Sharieff, Role of Velocity Discontinuity Imparted by Copper and Nickel Coatings of Different Thickness, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-3, September 2019

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Emission Studies on 4-Stroke CI Engine, IconAMMA 2019

Younus Pasha, Experimental Analysis of Fuel Properties And Performance analysis of diesel engine with esterified castor oil blended with gasoline, IconAMMA 2019.

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**Academic year:-2017-2018**

Dr. Bhagyashekar M S, "Effect of machining parameters on surface roughness while turning metal matrix composites-an experimental approach", Materials Today: Proceedings 5 (2018) 24770–24779, Materials Today: Proceedings 5 (2018) 24770–24779

Dr. Bhagyashekar M S, "Effect of Fillers on Electrical Conductivity of Epoxy Composites", Journal of Polymer & Composites. (2018) 25-30 Volume 6, Issue 3 Volume 6 ISSN: 2321-2810 (Online), ISSN: 2321-8525

Dr. Bhagyashekar M S, Influence of Edge Condition of Cutting Tool on Cutting Force and Surface Roughness While Machining Aluminum –Fly Ash Composites, Materials Today: Proceedings 5 (2018) 11655–11666, ISSN: 2214-7853

Dr. Bhagyashekar M S, Wear behavior of friction stir welded AA6061-SiC Composites AA6061-4.5%Cu-SiC Hybrid composites plates, International Journal of fracture and Damage Mechanics

Farooq, An Experimental Investigation on Flexural and Tensile strength Behavior of Hybrid polymer composite materials by varying its thickness with Epoxy resin 5052, International Journal of Innovative science and research Technology: ISSN 2456-2165; Volume 3, Issue 6, June 2018

Nehal Ahmad, Dr. Muzzamil Ahamed. S, Harish H, younus pasha, Experimental Analysis of E250 Quality Br Under Diverse Quenching Media, International Journal of Engineering research and applications. ISSN: 2248-9622

Tansif Khan, Lead Time Production in Manufacturing of Fuel injection pump Element, ICRRETMC-2018, 13, 14 July 2018; ISBN: 978-93-5311166-3; Volume 1.

Tansif Khan, Study of CF53 and EN19 Steel for wear and corrosion Properties, ICRRETMC-2018, 13, 14 July 2018; ISBN: 978-93-5311166-3; Volume 1.

Mohammed Yaseer Pasha, Development of Rotary Tool Feeding System for Micro-EDM, ICETE-2018; NMAMIT; 14, 15 May 2018.

Mithun M, Design of composite layer tool for horizontal stabilizer spar of Advanced Light Helicopter, JETIR; May 2018, Volume 5, Issue 5.

Salim Sharieff, Abrasive Wear Trends of NON-conforming contact surfaces, Elsevier, Materials today; proceedings 5; 2018.

**Academic year:-2016-2017**

Effect of Mono and Hybrid Fillers on Tensile Properties of Filled Epoxy Composites", Proceedings of International Conference on Current Trends in Eng., Science and Technology, ICCTEST, 2017, Grenze (2017) 182-188.

Dr. Mohamed Zakoula, Hybridizing Micro - B4C With Carbon nanotubes to Enhance The Mechanical Properties of Aluminium Matrix Composites., International Conference on Advanced Material Technologies.

Dr. Mohamed Zakaulla, Evaluating The Effect of Solutionising and Aging on Mechanical Properties of Al2024/B4c/Mwcnt's Composite Synthesized By Vortex Technique, International Conference on Composite Materials and Structures- ICCMS 2017.

Dr. Bhagyashekar M S, "Development and Fabrication of Universal Tubular Micro Algae Photo-Bioreactor", Proceedings of International Conference of Engineering Research in Mechanical and Civil Engineering (2017) Vol 2, Issue 5, 1065-1068, IFERP ISSN 2456-1290

Dr. Bhagyashekar M S, "Corrosion, wear properties of boron carbide and graphite reinforced Al2024 hybrid metal matrix composites" ,Proceedings of International Conference of Engineering Research in Mechanical and Civil Engineering (2017) Vol 2, Issue 5, 993-999. IFERP ISSN 2456-1290

Dr. Mohamed Zakaulla, Impact and Tensile Characterization of Polycarbonate/Graphene/Boron Carbide Hybrid Polymer Composite, International Conference on Composite Materials and Structures- ICCMS 2017

Dr. Mohamed Zakaulla, Tribological Characteristics of Multi walled Carbon Nanotubes and Boron Carbide particles reinforced Al - 2024 Matrix Composites, International Conference on Materials Processing and Characterization

Dr. Mohamed Zakaulla, Processing & Characterization of Multiwalled Carbon Nanotubes and Titanium Carbide Reinforced Al7475 Composites for Aerospace Applications, International Conference on Composite Materials and Structures- ICCMS 2017

Salim Sharieff, Nadeem Pasha K, International Conference on Advanced Material Technologies [ ICAMT]

Abdul Mujeeb N, Impact of Precision Mechanized Harvesting on Therapeutic Quality and Throughput Propagation of Medicinal and Aromatic Plants (MAPs), International Journal of Emerging Technology and Advanced Engineering; ISSN: 2250-2459

Younus Pasha, Experimental Investigation of Emission Analysis of Diesel engine Fueled with Pongamia oil blends and Petroleum diesel, HKBK International Journal of Engineering Science and Technology

Younus Pasha, Experimental investigation of effect on surface finishing by Minimum Quantity Lubrication [MQL] with varying feed rate, HKBK International Journal of Engineering Science and Technology.

#### **Academic year:-2015-2016**

Dr. Bhagyashekar M S, "Effects of Mono (Al/Cu) Metallic and Hybrid (Al-Cu) Metallic Fillers on Tribological Performance of Epoxy Composites" ,Proceedings of International Conference on Modern Intelligent and Green Manufacturing (ICMIGM) 2015, (2015) 259-264, 11-12 Dec 2015, Sengunthar Engineering College, Erode

Dr. Bhagyashekar M S, "Experimental Study on Intermittent Turning of Aluminum Metal Matrix Composites Using Cryogenic Treated Carbide Inserts" ,Proceedings of International Conference on Modern Intelligent and Green Manufacturing (ICMIGM) 2015, 11-12 Dec 2015, Sengunthar Engineering College, Erode

Dr. Bhagyashekar M S, "Effect of Fillers on Electrical Conductivity of Epoxy Composites", Journal of Polymer & Composites. (2018) 25-30 Volume 6, Issue 3 Volume 6 ISSN: 2321-2810 (Online), ISSN: 2321-8525

Dr. Bhagyashekar M S, "Effect of Tool holder overhang & Feed on Surface roughness in Turning application – an experimental approach", International Journal of Scientific & Engineering Research, (2016), Volume 7, Issue 5, pp 269 ISSN 2229-5518

Dr. Bhagyashekar M S, Effect of Mica on Mechanical properties of filled Epoxy ,International Journal of Scientific & Engineering Research, (2016), Volume 7, Issue 5, p269-274, ISSN 2229-5518

Dr. Bhagyashekar M S, “Development of Biomass Briquetting Technology for Northern regions of Karnataka using Tamarind seed powder as binder”, Journal of Advances in Science and Technology, (2016), Vol. 12, Issue 25, P353-356, E-ISSN: 2230-9659

Dr. Mohamed Zakaulla, Analysis of Dry Sliding Behaviour of Aluminium Reinforced with Coated Both SiC and Gr Hybrid Composites using Design of Experiments, International Journal on Emerging Technologies, ISSN 0975 – 8364, Vol 7, Issue 2

Raviraj K L, Thermal design and evaluation of cooling configuration of solar photovoltaic panel, Indian Journal of science and technology; ISSN: 0974-6846

Academic year:-2014-2015,,

Dr. Bhagyashekar M S, “Effects of Mono (Al/Cu) Metallic and Hybrid (Al-Cu) Metallic Fillers on Flexural Performance of Epoxy Composites”, American Journal of Materials Science, 2015; 5(3C): 81-85, P-ISSN: 2162-9382 E-ISSN: 2162-8424.

Dr. Bhagyashekar M S, “Studies on Microstructure and Mechanical Properties of Friction Stir Welded AA6061 Composites Containing SiC”, Proceedings of 1st National Conference on Trends and Innovations in Automation, Materials and Thermal Engineering (TIAMTE – 2015) Dept of PG center VTU Mysore, 21-22 May 2015.

Dr. Bhagyashekar M S, “Influence of Cutting Speed on Tool Life While Turning Aluminum Composites Containing Varied percent Flyash”, Proc of 1st National Conference on Trends and Innovations in Automation, Materials and Thermal Engineering (TIAMTE – 2015), Dept of PG centre VTU Mysore, 21-22 May 2015 page MS18-22.

Dr. Bhagyashekar M S, “Tribological Behaviour of Epoxy Composite Containing Fly-Ash/Silicon Carbide Particulates”, Proceedings of 1st National Conference on Trends and Innovations in Automation, Materials and Thermal Engineering (TIAMTE – 2015), Dept of PG center VTU Mysore, 21-22 May 2015 page MS28-32.

Dr. Bhagyashekar M S, “Optimization Study of Ammonia and Glutaraldehyde Content on Vulcanization of Natural Rubber Latex”. Iranian Polymer Journal.(2015) Vol24, Issue 11, P 901-909, Springer ISSN: 1026-1265 (Print) 1735-5265 (Online)

Dr. Bhagyashekar M S, “Thermal Conductivity Enhancement of Epoxy by Hybrid Particulate Fillers of Graphite and Silicon Carbide”, Journal of Minerals and Materials Characterization and Engineering, 2015, 3, 76-84. ISSN Print: 2327-4077 ISSN Online: 2327-4085

Dr. Bhagyashekar M S, “Effects of Mono (Al/Cu) Metallic and Hybrid (Al-Cu) Metallic Fillers on Flexural Performance of Epoxy Composites”, American Journal of Materials Science, 2015; 5(3C): 81-85, P-ISSN: 2162-9382 E-ISSN: 2162-8424.



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|-----------------------------|--|
| <b>Awards &amp; Rewards</b> | <ul style="list-style-type: none"> <li>• Harish H was awarded with Ph.D degree in 2021 from VTU.</li> <li>• Nadeem Pasha K was awarded with Ph.D degree in 2021 from Bangalore University.</li> <li>• Salim Sharieff was awarded with Ph.D degree in 2021 from Bangalore University.</li> <li>• Mohammed Zakaullah was awarded with Ph.D degree in 2016 from VTU.</li> </ul> |
| <b>Appointments</b>         | Dr. Muzzamil Ahmed member of BOE from 2017- to 2019.   |
| <b>Distinguished Alumni</b> |  |



# **HKBK COLLEGE OF ENGINEERING**

**Department of Civil Engineering**

**Mandatory Disclosure**

|                |  |                   |           |         |           |           |           |           |
|----------------|--|-------------------|-----------|---------|-----------|-----------|-----------|-----------|
| 1              | Name of the Department   | CIVIL ENGINEERING |           |         |           |           |           |           |
| 2              | Course   | B.E               |           |         |           |           |           |           |
| 3              | Level  | U.G               |           |         |           |           |           |           |
| 4              | 1 <sup>st</sup> year of approval by the Council  | Yes (2013)        |           |         |           |           |           |           |
| 5              | Year wise sanctioned intake  | 2014-15           | 2015-16   | 2016-17 | 2017-18   | 2018-19   | 2019-20   | 2020-21   |
| 6              |  | 120               | 120       | 120     | 120       | 120       | 120       | 60        |
| 7              | Year wise Actual Admission   | 108               | 100       | 50      | 44        | 26        | 24        | 16        |
| 8              | Cut off marks –General Quota   | 45                | 45        | 45      | 45        | 45        | 45        | 45        |
| 9              | Students passed with distinction   | 55%               | 25%       | 49%     | 74%       | 50%       | 80%       | 74%       |
| 10             | Students passed with first class   | 23%               | 34%       | 34%     | 18%       | 25%       | 36%       | 22%       |
| 11             | Students Placed  | 18                | 12        | 10      | 16        | 12        | 14        | 1         |
| 12             | Average Pay package  | 2.5 lakhs         | 2.5 lakhs | 3 lakhs | 3.6 lakhs | 3.6 lakhs | 3.6 lakhs | 3.6 lakhs |
| 13             | Students opted for higher studies  | 5                 | 8         | 8       | 6         | 1         | 2         | 1         |
| 14             | Accreditation Status of the Course   | No                |           |         |           |           |           |           |
| 15             | Doctoral Courses   | YES               |           |         |           |           |           |           |
| 16             | Foreign Collaboration  | YES               |           |         |           |           |           |           |
| 17             | Professional Society Membership  | ISTE and ASCE     |           |         |           |           |           |           |
| Funds Received |  |                   |           |         |           |           |           |           |
| 1              | Project Title: Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 Financial year 2012-13 (a) Under Recurring Head: Rs 34,935 (b) Under Non-recurring Head: Rs 19,31,304      |                   |           |         |           |           |           |           |
| 2              | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of I ndia Extra Mural research project. DST No: SR/S3/MERC/0111/2012 Financial year 2013-14 (a) Under Recurring Head: Rs 3,16,836 (b) Under Non-recurring Head: Rs 1,00,987. |                   |           |         |           |           |           |           |
| 3              | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 Financial year 2014-15 (a) Under Recurring Head: Rs 3,98,326 (b) Under Non-recurring Head: Rs 86,129.    |                   |           |         |           |           |           |           |
| 4              | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 Financial year 2015-16 (a) Under Recurring Head: Rs 1,85,568 (b) Under Non-recurring Head: Rs Nil.       |                   |           |         |           |           |           |           |
| 5              | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 Financial year 2016-17 (a) Under Recurring Head: Rs 1,32,167 (b) Under Non-recurring Head: Rs Nil.       |                   |           |         |           |           |           |           |

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| 6  | Karnataka state council for science and technology ( KSCST) 41 <sup>st</sup> series student project, Project title RUNWAY REDESIGN-Using Geo-synthetic material & reprocessing of Non-Biodegradable Waste. <b>Financial year 2017-18, Rs 8000/-.</b>      |
| 7. | Karnataka state council for science and technology (KSCST) 42 <sup>nd</sup> series student project, Project title Encapsulation of contaminants in the soils by Microbial induced calcite precipitation (MICP). <b>Financial year 2018-19, Rs 6000/-.</b> |
| 8  | Best Project award Cash prize of <b>Rs 5000, Financial year 2018-19</b> , Project title “Mechanistic modelling of amended soils using various geotechnical simulation tools”.   |
| 9  | Best Project award Cash prize of <b>Rs 5000, Financial year 2017-18</b> , Project title “Feasibility studies on a self-sustaining green layout”.  |
| 10 | Best Project award Cash prize of <b>Rs 5000, Financial year 2016-17</b> , Project title “Problematic soil amended with Almond Shells as a Stabilizing agent”.   |
| 11 | Best Project award Cash prize of <b>Rs 5000, Financial year 2015-16</b> , Project title “Studies on the Effect of Chelating agents to desorb lead from Artificially Spiked Nano Calcium Silicate (NCS) amended soils”.                                    |
| 12 | VTU project cum exhibition an award of <b>Rs 5000, Financial year 2018-19</b> , Project title “Enzyme induced calcite precipitation – A novel solution for soil stabilization”.   |
| 13 | VTU project cum exhibition an award of <b>Rs 5000, Financial year 2018-19</b> , Project title “Soil stabilization using natural coir fibres”.   |
| 14 | VTU project cum exhibition an award of <b>Rs 5000, Financial year 2017-18</b> , Project title “Studies on use of indigenous clay liner to retard lead in a waste containment facility”.   |
| 15 | VTU project cum exhibition an award of <b>Rs 5000, Financial year 2017-18</b> , Project title “Improvement of geotechnical properties of soil using lime and rice husk”.  |

#### **Events Organised 2019-20**

##### **Workshop Conducted**

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| 1 | EduCAD conducted one day workshop on Auto CAD and 3ds Max on 12th September 2019 |
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##### **Technical Talks**

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| 1 | Internship cum consultancy talk delivered by M/S SWIFTERZ regarding consultancy opportunities to Civil Engineers on 25th February 2020 |
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##### **Industrial Visits**

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| 1 | Industrial trip to “A visit to Ready Mix Concrete (RMC) – Gunit plant at Yellahanka, Bangalore station on 16-09-2019 |
| 2 | Industrial visit to “TK Halli Water treatment Plant” on 10-01-2019   |
| 3 | Industrial visit to “Prestige Constructions Yelahanka Project site” on 22-3-2019                                     |
| 4 | Industrial visit to “Karnataka State Remote Sensing Centre” on 12-12-2019.   |

**2015-16**

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| 5  | Confederation of India Industry (CII), India's premiere industry Association presents Excon 2015 on 29-12-2015.  |
| 6  | Industrial visit to “Bharat Heavy Electricals Limited (BHEL) has commissioned a 5-Mw grid-connected solar power plant at Shivasamudram near Mandya” on March 2015.   |
| 7  | Industrial visit to “Water treatment plant of BWSSB at Thorekadunahalli” on March 2015.  |
| <b>FDP/SDP Organized</b>   |  |
| 1.   | <b>2019-2020</b><br>The dept. of Civil Engineering and Dept of Chemistry, HKBK CE conducted three days FDP on teaching learning process ( TLP) from August 28 <sup>th</sup> 2020.  |
| 2  | <b>2018-19</b><br>The dept. of Civil Engineering and Dept of Chemistry, HKBK CE conducted one day FDP on Research methodology on <b>26/10/2019</b>   |
| 3  | <b>2017-18</b><br>Invited Talk organized for the students of civil engineering on the topic “Technology and Ethics” by the speaker Mr. Syed Shahid Hashmi of Unacademy on 10-08-2019   |
| <b>Social Awareness Program</b>  |  |
| 1  | <b>2019-20</b><br>One Day program on ‘ <b>Psycho-social Wellbeing of Youth and Gender Sensitization.</b> ’ On 26-02-2020. Speaker-Dr.Jonas Richard A-HRD Professional.   |
| 2  | <b>2018-19</b><br>“ <b>Drug Awareness and Prevention Programme</b> ” on 18/09/2018-Chief Guest: Kala Krishnaswamy, IPS, DCP, North Bangalore.  |
| <b>Technical and Cultural Events</b>                                   |  |
| 1  | <b>2019-20</b><br>Dr. S.A.S. Mohammed, Head, Dept. of Civil Engineering presented a research proposal at Indian Technology -Innovation & Entrepreneurship conclave (I-TEC) on 3-4th January 2020, organized by the REVA University.  |
| 2  | Mr. Mohammed Abdul Lateef and Dr. S.A.S. Mohammed presented two papers at an International conference on Innovative trends in Civil Engineering for sustainable development (ITCSD- 2019) held at National Institute of Technology- Warangal during 13-15th September 2019.  |
| <b>Events Attended</b>   |  |
| <b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty</b> |  |
| 1  | <b>2019-20</b><br>Mr. Mohammed Umais and Mrs. Rashmi Dandavati have attended a 5-day FDP on "Hands on training on project management software (MS Projects) at Coimbatore Institute of Technology under Pandit Madan Mohan Malaviya National Mission on teachers and teaching scheme. from 7th to 11th March 2020. |



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| 2  | Mr. Mohammed Umais have attended a 5 Days FDP on “Strength of Materials” at VTU PG Center, Chikkaballapur from 07 September 2019 to 11 September 2019              |
| 3  | <b>2018-19</b><br>Mrs. Jaya Karunya have attended a Workshop on syllabus discussion of CBCS scheme in 5 <sup>th</sup> Feb 2018 at BNMIT Bangalore                  |
| 4  | Mrs. Jaya Karunya have attended FDP - Autonomization of HKBK (CBCS) on 15 <sup>th</sup> June 2018 at HKBKCE, Bangalore   |
| 5  | Mrs. Jaya Karunya have attended Workshop - Internationalization - a paradigm shift in 22 <sup>nd</sup> Dec 2018 at Ambedkar Institute of technology, Bangalore     |
| 6  | Mr. M.Nihar have attended FDP on PEDAGOGY TRAINING IN TECHNICAL EDUCATION" by VTU -HRDC on 17 <sup>th</sup> Jan 2018 at Muddenahalli, Chikkaballapur               |
| 7  | Mr. M.Nihar have attended FDP on "MOODLE" by VTU Belagavi on 5 <sup>th</sup> April 2018 at HKBKCE  |
|    | <b>2017-18</b>   |
| 8  | Mr. M. Nihar have attended FDP on "CBCS BASED CURRICULUM DEVELOPMENT TOWARDS AUTONOMY" on 20 <sup>th</sup> FEB 2018 at HKBKCE                                      |
| 9  | Mr. Mubarak Ali have attended Workshop on Intellectual Property Rights (IPR) on 6 <sup>th</sup> Sept 2018 at GMIT, Davanagere.                                     |
| 10 | Mr. Mubarak Ali have attended FDP- "CBCS BASED CURRICULUM DEVELOPMENT TOWARDS AUTONOMY" on 20 <sup>th</sup> Feb 2018 at HKBKCE                                     |
|    | <b>2016-17</b>   |
| 11 | Mr. Mubarak Ali have attended FDP- "Understanding Adolescents" on 24 <sup>th</sup> Feb 2018 at HKBKCE  |
| 12 | Mr. Mubarak Ali have attended FDP on Research methodologies and technical paper presentation on 13 <sup>th</sup> March 2016 at HKBKCE                              |
| 13 | Mrs. Bidisha Chakrabarti have attended Seminar on “Writing technical papers” on 20 <sup>th</sup> October 2017 at Reva University                                   |
| 14 | Mrs. Bidisha Chakrabarti have attended Annual Conference Of IRC(Indian Road congress) on 23 <sup>rd</sup> November 2017 at Palace ground, Bangalore                |
| 15 | Mrs. Bidisha Chakrabarti have attended Annual conference of KSTA (Karnataka Science and Technological Academy) on 29 <sup>th</sup> January 2018 at Reva University |
| 16 | Mrs. Bidisha Chakrabarti have presented a paper in Reva research Conclave on 15 <sup>th</sup> March 2018 at Reva University  |

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| 17 | Mr. Mohammed Shahbaaz have attended FDP- "CBCS BASED CURRICULUM DEVELOPMENT TOWARDS AUTONOMY" on 20 <sup>th</sup> February 2018 at HKBKCE  |
| 18 | Mr. Mohammed Shahbaaz FDP on Software Application Lab on 20 <sup>th</sup> July 2018 at Rajarajeswari Institute of Technology, Bangalore  |
| 19 | Mr. Mohammed Shahbaaz Guided a Project which qualified for Finals in State Level Student Project Program by KSCST 16 <sup>th</sup> August 2018 Bapuji Institute of Engineering and Technology at Davangere               |
| 20 | Mr. Adil Nadeem Hussain have attended FDP on Comparative analysis of water distribution network remodelled by EPANET at SVIT, Hyderabad on 23 <sup>rd</sup> July 2018.   |
| 21 | Mr. Mohammed Abdul Lateef have attended FDP- "CBCS BASED CURRICULUM DEVELOPMENT TOWARDS AUTONOMY" on 20 <sup>th</sup> Feb 2018 at HKBKCE   |
| 22 | Mr. Mohammed Abdul Lateef have attended FDP- "Understanding Adolescents" on 20 <sup>th</sup> February-2018 at HKBKCE, Bangalore  |
| 23 | Mr. Mohammed Abdul Lateef have Presented a Paper on “Strength Characteristics of Nano Calcium Silicate, Fly Ash and Lime Blended Tropical Soils” on 15-23 <sup>rd</sup> March-2018 at Orlando, USA                       |
| 24 | Mr. Mohammed Abdul Lateef have attended conference on International Foundation Congress and Equipment Exposition (IFCEE)-2018 on 15-23 <sup>rd</sup> March-2018 at Orlando, USA  |
| 25 | Mr. Mohammed Abdul Lateef have attended FDP “New model Curriculum for first year BE/B.tech-CBCS detailed syllabus (2018-19) as per Outcomes (CO) and Bloom’s Taxonomy” on 14 <sup>th</sup> May-2018 at BNMIT – Bangalore |

#### Referred Journals

|   |  |
|---|--|
| 1 | <b>2020-2021</b><br>Almajed, A.; Lateef, M.A.; Moghal, A.A.B.; Lemboye, K. (2021). State-of-the-Art Review of the Applicability and Challenges of Microbial-Induced Calcite Precipitation (MICP) and Enzyme-Induced Calcite Precipitation (EICP) Techniques for Geotechnical and Geoenvironmental Applications. Crystals, 11, 370.   |
| 2 | <b>2020-2021</b><br>K Venkata Vydehi, Arif Ali Baig Moghal, Syed Abu Sayeed Mohammed, Mohammed Abdul Latheef, Mubarak Ali, Aqsa Basheer, Adil Ahmad Handoo, Syed Zahid Nabi and Burhan Ul Wafa (2021). Efficacy of Almond Shell Ash Inclusion on the Geotechnical Behavior of Lime Blended Kaolinitic Soil. In: Patel S., Solanki C.H., Reddy K.R., Shukla S.K. (eds) Proceedings of the Indian Geotechnical Conference 2019. Lecture Notes in Civil Engineering, Vol 136, pp. 259-269. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-33-6444-8_23">https://doi.org/10.1007/978-981-33-6444-8_23</a> . |

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| 3  | <b>2019-2020</b><br>Moghal, A.A.B.; Lateef, M.A.; Abu Sayeed Mohammed, S.; Ahmad, M.; Usman, A.R.; Almaged, A. Heavy Metal Immobilization Studies and Enhancement in Geotechnical Properties of Cohesive Soils by EICP Technique. Appl. Sci. 2020, 10, 7568. DOI: 10.3390/app10217568  |
| 4  | Moghal, A.A.B.; Lateef, M.A.; Mohammed, S.A.S.; Lemboye, K.; C. S. Chittoori, B.; Almaged, A. Efficacy of Enzymatically Induced Calcium Carbonate Precipitation in the Retention of Heavy Metal Ions. Sustainability 2020, 12, 7019. <a href="https://doi.org/10.3390/su12177019">https://doi.org/10.3390/su12177019</a>                                 |
| 5  | Moghal A.A.B, Mohammed S.A.S. A. Almaged and M.A.A. Shamrani ( April 2020)” Desorption of heavy metals from lime stabilized semi-arid soils using different extractants”, International Journal Civil Engineering DOI ( <a href="https://doi.org/10.1007/s40999-019-00453-y">https://doi.org/10.1007/s40999-019-00453-y</a> ) (Science citation indexed) |
| 6  | <b>2018-19</b><br>Mohammed, S.A.S., Moghal, A.A.B. and Shamrani, M.A.A. ( Jan 2019). “State of the art review on strontium toxicokinetics, mechanistic response, alterations and regulations”, Int J of Geomate issue 53. DOI: <a href="https://doi.org/10.21660/2019.53.71462">https://doi.org/10.21660/2019.53.71462</a> ( Review paper)               |
| 7  | <b>2017-18</b><br>Moghal, A.A.B., Reddy, K.R., Mohammed, S.A.S., Shamrani, M.A.A., and Zahid, W.M. (2017). “Retention studies on arsenic from aqueous solutions by lime treated semi-arid soils,” Intl. J. Geomate., 12(29), 2836-2843.( Scopus Indexed)   |
| 8  | Arif Ali Baig Moghal, Krishna R Reddy, Syed Abu Sayeed Mohammed, Mosleh Ali Al Shamrani, and Waleed M Zahid,(2017), Sorptive response of chromium and mercury form aqueous solutions using chemically modified soils, ASTM Journal of Testing and Evaluation Vol 45, No. 1, Jan 2017,DOI:10.1520/JTE20160066. (Science citation indexed)                 |
| 9  | Arif Ali Baig Moghal, Ali Abdul Kareem Obaid, Mosleh Ali Al-Shamrani, Waleed M Zaheed, Talal O Al – Refeai, Syed Abu Sayeed Mohammed,(2017), Physico – Chemical and geo environmental characterization of semi arid soils, International journal of Geomate 12(29),2186-2990. (Scopus Indexed)   |
| 10 | <b>2016-17</b><br>Mohammed, S.A.S. and Moghal, A.A.B. (2016). “Efficacy of Nano Calcium Silicate (NCS) Treatment on Tropical Soils in Encapsulating Heavy Metal Ions: Leaching Studies Validation”. J. Innovative Infrastructure Solutions.1(21), 1-12.  |
| 11 | Syed Abu Sayeed Mohammed, Sanaula, P. F and Arif Ali Baig Moghal, (2016) Sustainable use of locally available red earth and black cotton soils to retain Cd <sup>2+</sup> and Ni <sup>2+</sup> from aqueous solutions, International Journal Civil Engineering DOI 10.1007/s40999-016-0052-z. (Science citation indexed) ( Technical note)               |

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| 12 | <p><b>2015-16</b></p> <p>Moghal A.A.B,Reddy,K.R., Mohammed,S.A.S., Al-Shamrani, M.A.,and Zahid,W.M.,(2016),”Lime amended semi arid soils in retaining copper, lead and Zinc from aqueous solutions,” Water, Air Soil Pollution Vol 227. DOI 10.1007/s11270-016-3054-1. (Science citation indexed)</p>                             |
| 13 | <p><b>2014-15</b></p> <p>Syed Abu Sayeed Mohammed, Arif Ali Baig Moghal, “Soils Amended with Admixtures as Stabilizing Agent to Retain Heavy Metals”, ASCE’s Geotechnical Special Publication 234 series, Feb 2014, pp 2216-2226.</p>   |
| 14 | <p>Arif Ali Baig Moghal, Syed Abu Sayeed Mohammed, B. Munawar Basha, Mosleh Ali Al-Shamrani, “Surface Complexation Modeling for Stabilization of an Industrial Sludge by Alternate Materials”, ASCE’s Geotechnical Special Publication 234 series, Feb 2014, pp 2235-2244.</p>  |
| 15 | <p>Arif Ali Baig Moghal and Syed Abu Sayeed Mohammed “Performance of Soils and Soil Lime Mixtures as Liners to Retain Heavy Metal Ions in Aqueous Solutions”,Geo-Shanghai, 2014, ASCE’s Geotechnical Special Publication 241 series, May 2014, pp 160-169.</p>  |
| 16 | <p>Syed Abu Sayeed Mohammed, Shankara, Maya Naik, Sivapullaiah PV, “Sorption of iron and copper on sand bentonite flyash mixtures” International Journal of research in chemistry and environment, Vol. 4 Issue 2 ,April 2014 pp 1 - 8.</p>   |
| 17 | <p><b>2013-14</b></p> <p>Syed Abu Sayeed Mohammed, Potential of surface complexation and redox modeling for chromium(VI) adsorption on local materials as liners for waste containment facilities. Turkish Journal of Engineering and Environmental Sciences, Vol. 37 Issue 1 March 2013 pp 100 - 108. DOI 10.3906/muh-1112-6</p> |
| 18 | <p><b>2012-13</b></p> <p>Syed Abu Sayeed Mohammed, Application of surface complexation modeling for zinc adsorption on local materials as liners for waste containment facilities. Journal of materials and environmental science, Oujda, Morocco Issue 6, September 2012.</p>  |
| 19 | <p>Syed Abu Sayeed Mohammed, Retention capacity of soils and amended soils for heavy metal ions, Journal of Physical Chemistry News, El- Jadida, Morocco, October 2012</p>  |
| 20 | <p>Syed Abu Sayeed Mohammed, Maya Naik, A review and evaluation of selected kinetic models and sorption processes in amended soils: International Journal of research in Chemistry and environment, India, Vol. 1, issue 2, October 2011</p>  |

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| 21                 | Syed Abu Sayeed Mohammed, Maya Naik, Utilization of Red soils and amended soils as a liner material for attenuation of copper from aqueous solution: Isotherm and Kinetic Studies. Journal of Environmental Science and Technology, 2011, pp 504 – 519. DOI 10.3923/jest.2011.504.519  |
| 22                 | Syed Abu Sayeed Mohammed, Maya Naik, Potential Use of Black Cotton Soil with additives as a Liner material to retain Zinc: Isotherm and Kinetic Studies. International Journal of Ecology and Development, India, Volume 19, Number S11, summer 2011, pp 15 – 29.  |
| 23                 | Syed Abu Sayeed Mohammed., Maya Naik., Adsorption Characteristics of Metals in Aqueous Solution by Local Materials with Additives as Liners for Waste Containment Facilities, Journal of Water and Environment Technology., Japan, 8(1), 2010, pp 29 – 50. doi:10.2965/jwet.2010.29  |
| 24                 | Syed Abu Sayeed Mohammed, MayaNaik. Syed Tanveeruddin , Influence of additives on the retention of metal ions in a soil of Bangalore, India. Ambiente & Agua – An Interdisciplinary Journal of Applied Science., Brazil, 4 (1), 2009, pp 20 - 36. (doi:10.4136/ambi-agua.71)   |
| 25                 | Syed Abu Sayeed Mohammed, MayaNaik. Sanaulla P.F, ZulfiqarAhmed M.N, Studies on contaminant transport, at an Industrial waste dumpsite of Bangalore, India’. Ambiente & Agua – An Interdisciplinary Journal of Applied Science., Brazil, 3 ( 3), 2008, pp 55 – 66. (doi:10.4136/ambi-agua.61)  |
| <b>Conferences</b> |  |
| 1                  | <b>2019-20</b><br>Mr. Mohammed Abdul Lateef and Dr. S.A.S. Mohammed “Strength improvement in soils using EICP” at an International conference on Innovative trends in Civil Engineering for sustainable development (ITCSD- 2019) held at National Institute of Technology- Warangal during 13-15th September 2019.                                  |
| 2                  | Dr. S.A.S. Mohammed NCS based studies on desorption characteristics of heavy metals on soils at an International conference on Innovative trends in Civil Engineering for sustainable development (ITCSD- 2019) held at National Institute of Technology- Warangal during 13-15th September 2019.  |
| 3                  | “K Venkata Vydehi and Arif Ali Baig Moghal, Syed Abu Sayeed Mohammed , Mohammed Abdul Lateef, Mubarak Ali, Aqsa Basheer, Adil Ahmad Handoo , Syed Zahid Nabi Efficacy of Almond Shell Ash Inclusion on the Geotechnical Behavior of Lime Blended Kaolinitic Soil, Indian Geotechnical Conference 2019 SVNIT – Surat .( Published in Springer nature) |
| 4                  | Kotresha K, Syed Abu Sayeed Mohammed and Sanaulla P.F, Sorption and entrapment of heavy metals in a contaminated soil using nano calcium silicate – a nano amendment, International conference on materials for environment, sustainable society and global empowerment, VTU centre, Mudannahalli, December 2019.                                    |



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| 5  | 2018-19<br>Mohammed Abdul Lateef have Presented a Paper on “Strength Characteristics of Nano Calcium Silicate, Fly Ash and Lime Blended Tropical Soils” on 15-23 <sup>rd</sup> March-2018 at Orlando, USA  |
| 6  | 2016-17<br>Effect of nano calcium silicate to retain nickel in a contaminated soil around a steel plant. Syed Abu Sayeed Mohammed, Sanaulla PF, Kotresha K, Arif Ali Baig Moghal,at Second Indo Canadian Symposium on Nano Science and Technology (ICSNST 2016) NIE, Mysore , February 2016.                                   |
| 7  | Arsenic fixation studies on lime stabilized semi arid soils, Arif Ali Baig Moghal, Krishna Reddy, Syed Abu Sayeed Mohammed, Mosleh Ali Al-Shamrani <sup>4</sup> and Waleed M Zahid, GEOMATE 2015, Osaka, Japan, pp 685-690   |
| 8  | Sorption Studies for Utilization of Local Materials with Additives as Liners for Waste Containment Facilities at International Conference on Emerging Technologies in Environmental Science and Engineering to be held at Aligarh Muslim University (AMU) during October 2009.   |
| 9  | Influence of additives on retention of heavy metal ions in local soil Red Soil of Bangalore City, published at 7 <sup>th</sup> International Conference on Role of Engineering towards a better environment, (Global Environmental changes, Challenges and Opportunities.) Alexandria University, Egypt, During December 2008. |
| 10 | Application of potentiometry to study the retentivity of heavy metals in Red soil. Published at an International Conference on Frontiers in Chemical Research, held at Mangalore University during December 2008.  |
| 11 | Sanaulla P.F, Syed Abu Sayeed Mohammed, “ Ground Water Recharge of a Locality through Rain water Harvesting – A Case Study”, Published at 23 <sup>rd</sup> National conference of IPHE and Enviro 2006, held at PSG College of Technology ,Coimbatore, during December 2006.   |
| 12 | Syed Abu Sayeed Mohammed , B.T.Shivendra And. MayaNaik, “Soil Pollution Prediction of a contaminated Industrial Waste Dump Site”, Published at 23 <sup>rd</sup> National conference of IPHE and Enviro 2006, held at PSG College of Technology ,Coimbatore, during December 2006.  |
| 13 | Syed Abu Sayeed Mohammed, Mayanaik, “Innovative materials for waste containment facilities.” Published at an International Conference Technomillennium 2006, A technical Symnosium at SAARC Nations level at Marathwada Institute of Technology (MIT), Aurangabad September 2006.  |

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| 14  | Syed Abu Sayeed Mohammed, Mayanaik, Sanaulla, "Flood Control of a locality through Ground Water Recharge – A Case study." Published at National Conference on Role of Civil Engineers in Disaster Management and Mitigation, held at BMS College of Engineering from 2 <sup>nd</sup> to 4 <sup>th</sup> February 2006. |
| 15. | Syed Abu Sayeed Mohammed, Veeresh, Ramalingaiah, "Lakes of Bangalore Distinct or Extinct in the New Millenium."published at an International Conference on Environmental Challenges for the New Millenium, conducted by Jamia Millia Islamia, New Delhi during November 1999.  |
| 16  | Syed Abu Sayeed Mohammed, Sanaulla," Studies on water quality of Bellandur and Varthur lakes – A Case study." Published at a National Conference on Environment held at University of Agricultural Sciences, Dharwad during November 2000.   |
| 17  | Syed Abu Sayeed Mohammed, M.C.Sampath Kumar, "Studies on quality of Ground water in Bangalore City." Published in AMPRECON 97 convention of University of Roorkee during February 1997.  |
| 18  | Syed Abu Sayeed Mohammed, M.C.Sampath Kumar," Impact of Urbanization and Industrialization on Environment – A case study about lakes of Bangalore City. Published at APNACS 97, convention of Adhiparasakthi Engineering College, Tamil Nadu during February 1997.   |

#### Higher Education

#### Faculties pursuing Ph.D

- Prof. Mohammed Abdul Latheef
- Prof. Mubarak Ali

#### Faculties Attended Online FDP AY 2020-21

| Name            | Title<br>FDP, Webinar,<br>Online<br>Certification<br>Courses<br>(NPTEL,Udemy,<br>coursera,Skillsco<br>uter | Date                        | Place/Host   |
|-----------------|--|-----------------------------|--|
| Prof. Meghana G | "Inculcating<br>Universal Human<br>Values in Technical<br>Education"                                       | 19.07.2021 to<br>23.07.2021 | All India Council for<br>Technical Education<br>Nelson Mandela Marg,<br>Vasant Kunj, New Delhi         |
|                 | "Contemporary<br>Technologies for<br>Sustainable Road<br>Construction"                                     | 01.10.2021 to<br>05.10.2021 | AICTE Training and<br>Learning (ATAL)<br>Academy. Siksha 'O'<br>Anusandhan deemed to be<br>University. |

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|                      | Part 1 of the online UHV Refresher 1                                 | 30.08.2021 to 04.09.2021 | All India Council for Technical Education<br>Nelson Mandela Marg,<br>Vasant Kunj, New Delhi |
| Mrs. Angeline Mary M | Global trends in Civil and Infrastructural Engineering               | 26.05.2020 to 30.05.2020 | Institute of Aeronautical Engineering, Hyderabad  |
|                      | Urban Environmental Management                                       | 28.05.2020               | Mohamed Sathak Engineering College,Ramnad   |
|                      | Geo ICT Application for smart cities                                 | 01.06.2020               | Cambridge Institute of Technology,Bangalore   |
|                      | Why Water Management is Important                                    | 03.06.2020               | IIT Delhi   |
|                      | Role of AutoCAD in Construction Sector                               | 05.06.2020               | Sri Ramakrishna Institute of Technology,Coimbatore  |
|                      | Cleaner Technology for wastewater Treatment                          | 05.06.2020 to 06.06.2020 | Sethu Institute of Technology,Virudhunagar  |
|                      | How to get Research Grants from UGC,AICTE                            | 09.06.2020               | Mar Baselios Institute of Technology and Science,Kerala                                     |
|                      | Microbes in Air and impacts in Environment                           | 12.06.2020               | KLN College of Information Technology,Madurai   |
|                      | Solutions for water scarcity   | 13.06.2020               | IIT Delhi   |
|                      | Introduction to arbitration in Construction and its Career Prospects | 19.06.2020               | KLN College of Information Technology,Madurai   |

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|                 | Communicative English skills for engineering students and Faculties                 | 28.06.2020 to 30.06.2020 | MAR Baselios Institute of Technology and Science                |
| Mr. Mubarak Ali | Engineering Beyond Class Room   | 27.04.2020               | Aalim Muhammed Salegh College of Engineering                    |
|                 | Webinar on Research Workflows, Research Metrics & Excellence in Academic Institutes | 12.05.2020               | Elsevier and AICTE  |
|                 | Geo-Ict Application For Smart Cities.   | 06.01.2020               | Cambridge Institute of Technology,Bangalore                     |
|                 | Advanced Technology in Civil Engineering"   | 15.06.2020 to 19.06.2020 | Department of Civil Engineering, Ghousia College of Engineering |
|                 | SCI Journal writing with Modern tools And Apps                                      | 18.06.2020 to 23.06.2020 | CHASE TECHNOLOGIES  |
|                 | Post COVID-19 Education Scenario.   | 26.06.2020               | Baba Farid College of Engineering and Technology, Bathinda      |

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| Mrs. Rashmi Dandavati | Data Science   | 26.05.2020-30.05.2020 | Fr. Conceicao Rodrigues College of Engineering, Mumbai         |
| Mr. Mohammed Umais    | Data Science   | 26.05.2020-30.05.2020 | Fr. Conceicao Rodrigues College of Engineering, Mumbai         |
| Mr. Mohammed Shahbaaz | Introduction to PEB - Bridging the Gap between Theory and Practice | 11.06.2020            | Marmag Infra Pvt Ltd   |
|                       | Behaviour of RC Structures under Earthquake Loading                | 16.06.2020            | KLN College of Information Technology,Pattapalyam , Tamil Nadu |
|                       | Effect of Urbanization on Water Bodies                             | 15.06.2020            | KLN College of Information Technology,Pattapalyam, Tamil Nadu  |
|                       | Project Management Essentials certified                            | 06.06.2020            | Management and Strategy Institute                              |
|                       | Geo ICT Application for smart cities                               | 01.06.2020            | Cambridge Institute of Technology, Bangalore                   |



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|                      | An Introduction to Arbitration in construction and its career prospects. | 19.06.2020               | KLN College of Information Technology,Pattapalyam , Tamil Nadu |
|                      | Smart Irrigation using Internet Of Things                                | 15.06.2020               | GM Institute of Technology                                     |
|                      | Data Collection and Analysis for Research                                | 26.06.2020               | SECAB Institute of Engineering and Technology                  |
|                      | Geo ICT Application for smart cities                                     | 01.06.2020               | Cambridge Institute of Technology,Bangalore                    |
| Mr. SYED AHAMED      | Global trends in Civil and Infrastructural Engineering                   | 26.05.2020 to 30.05.2020 | Institute of Aeronautical Engineering, Hyderabad               |
|                      | Computer Applications in Structural Engineering                          | 04.05.2020               | NRI Institute of Technology                                    |
| Mrs. SHAHABAZ HAKEEM | Computer Applications in Structural Engineering                          | 04.05.2020               | NRI Institute of Technology                                    |
|                      | The waste Generated, Extract and utilize                                 | 26.06.2020               | Holy Mary Institute of Technology and Science , Hyderabad      |

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|  | International webinar on Communication of English Skills for Engg & Faculty. | 28.05.2020 to 30.05.2020 | MBITS, Kerala                                       |
|  | Solar Energy opportunities and Management                                    | 28.05.2020               | JAIN JGI Deemed to be University                    |
|  | Next Generation Intelligence'  | 20.05.2020 to 25.05.2020 | St. Peter Institute of Higher Education on Research |
|  | Emerging Trends in power electronics and Renewable energy system             | 24.05.2020 to 25.05.2020 | JAIN, JGI Deemed to be University                   |
|  | Refrigerants in Engg Application   | 22.06.2020               | VCE, Mysore   |
|  | we Think Digital Webinar on Online Safety and Misinformation                 | 23.06.2020               | Cyber Peace Foundation                              |
|  | Time for Nature Engineered system  | 11.06.2020               | BITM , Ballari                                      |

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|                   | Interlinking on Indian Rivers - Boon for Indian Prosperity             | 16.06.2020               | BITM , Ballari   |
|                   | The Effective Environment Management system webinar on Biodiversity    | 06.06.2020               | BITM , Bellary   |
|                   | Global Trends in Civil & Infrastructure Engg                           | 26.05.2020 to 30.05.2020 | Institute of Aeronautical Engg, Hyderabad                |
|                   | GEO - ICT Application for Smart Cities                                 | 01.06.2020               | Cambridge Institute of Technology                        |
|                   | Outcome Based Education & Accreditation                                | 25.05.2020 to 29.05.2020 | ILLM College of Engineering & Technology                 |
|                   | How to get Research Grants from UGC,AICTE                              | 09.06.2020               | Mar Baselios Institute of Technology and Science, Kerala |
| Mrs. Ayona Nair S | IEEE Reference Management Tool for Research article and Thesis Writing | 20.05.2020               | IEEE Bangalore Section Researchers Forum                 |
|                   | Global trends in Civil and Infrastructural Engineering                 | 26.05.2020 to 30.05.2020 | Institute of Aeronautical Engineering, Hyderabad         |

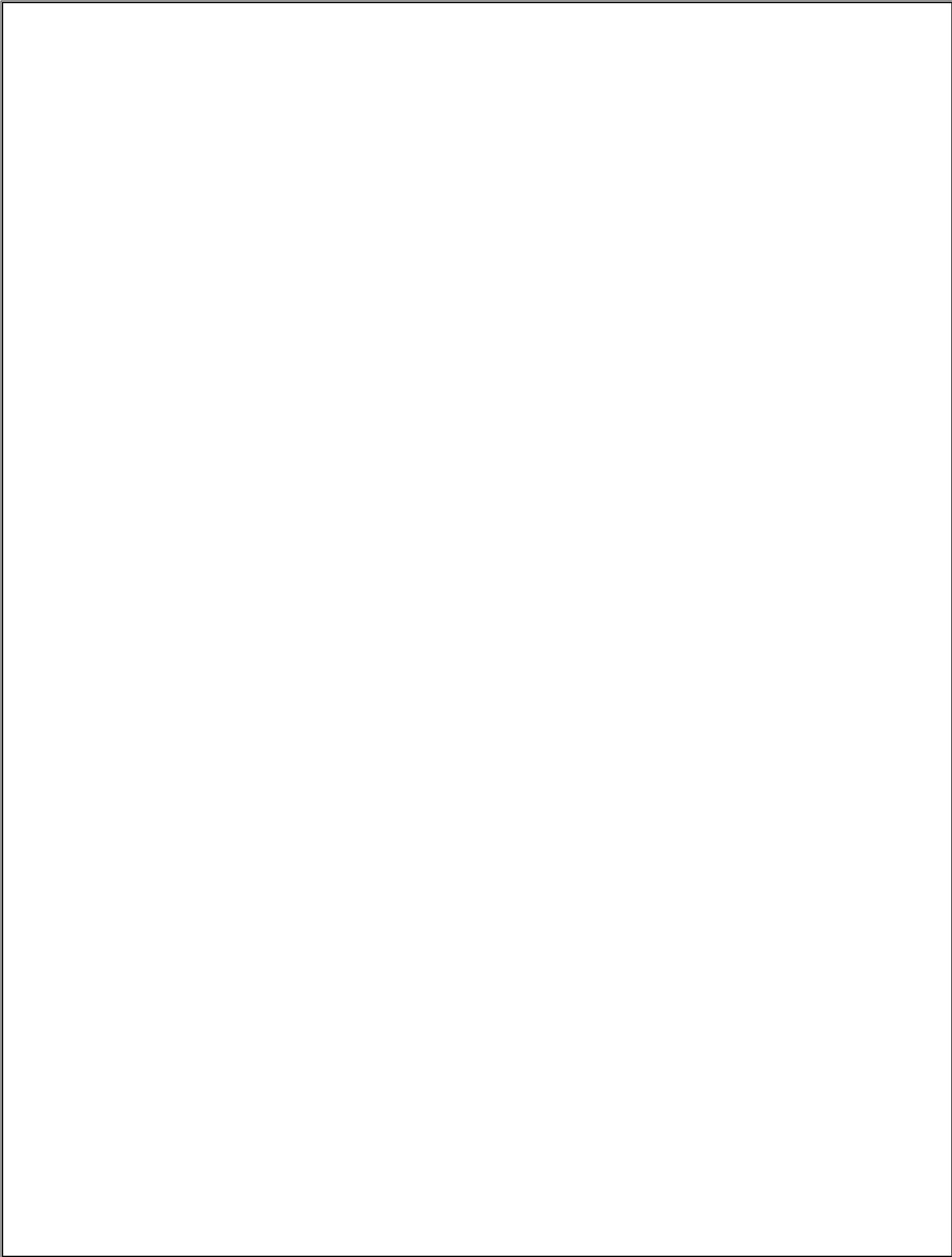
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|                  | GEO - ICT<br>Application for<br>Smart Cities    | 01.06.2020                  | Cambridge Institute of<br>Technology                    |
|                  | Demolition of<br>Living Structures              | 16.06.2020                  | SCMS School of<br>Engineering and<br>Technology, Kerala |
|                  | Recent<br>Advancement in<br>Civil Engineering   | 24.06.2020 to<br>26.06.2020 | CMRIT Institute of<br>Technology, Bangalore             |
| Mr. Aman Biradar | Advance<br>Technologies in<br>civil engineering | 15.06.2020 to<br>19.06.2020 | Ghausia college of<br>Engineering                       |

### Books Published /Book chapters

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| 1 | <b>2019-20</b><br>Nano Materials for soil remediation” Edited by Dr. Tuan Anh Nguyen, Institute for Tropical Technology, Vietnam Academy of Science and Technology, Hanoi, Vietnam, ( Publication date December 2020) our contribution is chapter No 25 titled “Nanomaterials-Based Solidification/Stabilization of metal-contaminated soils <i>Contributor name:</i> -Prof. Abu Sayeed Mohammed. ISBN No. 978-0-12-822891-3 |
| 2 | <b>2014-15</b><br>Published a technical monograph titled “Retention of copper and chromium on soils – Mechanisms” pages 292, Lap Lambert Publishers, Germany,(2014) ISBN 978-3-659-00204-5   |
| 3 | <b>2013-14</b><br>Published a technical monograph titled “Long term prediction of contaminant transport in soils” pages 189, Lap Lambert Publishers, Germany,(2014) ISBN 978-3-659-12542-3.  |

### Intellectual Property Rights ( IPR)

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| 1 | An Indian Patent Application No. 2765/CHE/2015, CBR No. 10983, Title “Nano Calcium Silicate – soil based mineral amendments as liners for hazardous waste containment facilities” dated 02/06/2015, patent published on 15/12/2017, and expedited on 15/06/2019. |
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## **HKBK COLLEGE OF ENGINEERING**

**Department of Electrical and Electronics Engineering**

**Mandatory Disclosure**

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|---------------|---|---|
| <b>11 (e)</b> | <b>Name of the Department</b>                   | <b>Electrical and Electronics Engineering</b> |
|               | Course  | Bachelor of Engineering                       |
|               | Level   | UG  |
|               | 1 <sup>st</sup> year of approval by the council | 2001-02                                       |

| <b>Academic Year</b>               | <b>2015-16</b>              | <b>2016-17</b>              | <b>2017-18</b>              | <b>2018-19</b>              |
|------------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Year wise sanctioned intake        | <b>60</b>                   | <b>60</b>                   | <b>60</b>                   | <b>60</b>                   |
| Year wise actual admission         | <b>38</b>                   | <b>34</b>                   | <b>25</b>                   | <b>20</b>                   |
| Cut off marks – General Quota      |                             |                             |                             |                             |
| Students passed with distinction   | <b>18</b>                   | <b>15</b>                   | <b>12</b>                   | <b>08</b>                   |
| Students passed with first class   | Nil                         | <b>02</b>                   | <b>04</b>                   | <b>01</b>                   |
| Students Placed                    | 07                          | 04                          | --                          | --                          |
| Average Pay package                |                             |                             |                             |                             |
| Students opted for higher studies  | 04                          | 03                          | --                          | --                          |
| Accreditation Status of the Course | NBA Accredited              | NBA Accredited              | --                          | --                          |
| Doctoral Courses                   | --                          | --                          | --                          | --                          |
| Foreign Collaboration              | --                          | --                          | --                          | --                          |
| Professional Society Membership    | Institute of Engineer India | Institute of Engineer India | Institute of Engineer India | Institute of Engineer India |

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| <b>Funds received</b> | <p><b>The following Projects are selected by Karnataka Council for Science and Technologies (KSCST), Government of Karnataka and Visvesvariya Technological University, Karnataka.</b></p> <p><b>2018-19</b></p> <ol style="list-style-type: none"> <li>1. “Campus Navigator with Speech Assistance Using Bluetooth Module” – <b>KSCST INR 5000</b></li> <li>2. “Smart Traffic Management for National Security and Life Emergency Vehicle”<br/><b>VTU – INR 5000</b></li> <li>3. “Smart mirror using Raspberry pi”. <b>VTU – INR 5 000</b></li> </ol> <p><b>2017-18</b></p> <ol style="list-style-type: none"> <li>5. “Health Automatic Medicine Vending Machine” – <b>KSCST - INR 5000</b></li> </ol> <p><b>2016 - 17</b></p> <ol style="list-style-type: none"> <li>6. IoT Based Home Automation over the cloud – <b>HKBKCE - INR 5000</b></li> </ol> |
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| <b>Events Organized</b> | <p><b>Workshops Conducted:</b></p> <ol style="list-style-type: none"> <li>1. <b>“TWO DAYS WORKSHOP “TWO DAYS WORKSHOP ON</b> Android controlled Robotics on 15<sup>th</sup>&amp; 16<sup>th</sup> March 2016 In association with Wingfotech, New Delhi &amp; IIT Madras.</li> </ol> <p><b>Technical Talks:</b></p> <ol style="list-style-type: none"> <li>1. Expert Talk On A technical Talk on Field Theory for IV Semester Students on 12<sup>th</sup> April, 2016 by Dr. Chaitanya Kumar M V, Principal – HKBK College of Engineering.</li> <li>2. Mr. H S Shiva Shankar - Prolific Systems and Technology Pvt. Ltd. Technical talk on “Industrial Automation” on 07<sup>th</sup> September, 2016</li> </ol> <p><b>Industrial Visits:</b></p> <ol style="list-style-type: none"> <li>1. Industry visit on 27<sup>th</sup> October 2018 to Varahi and Mani Hydro Power Plant located near Shimoga, Karnataka for 5<sup>th</sup> and 7<sup>th</sup> Sem students.</li> <li>2. Industrial visit to Karnataka Vidyuth Karkhane Ltd. (Transformer Factory) on <b>10<sup>th</sup> &amp; 11<sup>th</sup> April 2018.</b></li> <li>3. Industrial visit to Central Power Research Institute (CPRI) on 17<sup>th</sup> February, 2018.</li> <li>4. Industrial visit to “KGTIT” on 15<sup>th</sup> to 16<sup>th</sup> February, 2018.</li> <li>5. Industrial visit to “BIEC” on 24<sup>th</sup> February, 2018.</li> <li>6. “Open Day Exhibition at IISc” on 10<sup>th</sup> March, 2018.</li> <li>7. Industrial visit to 400/220kV Nelamangala Sub Station on 27<sup>th</sup> November, 2017.</li> <li>8. Industrial visit to visit 400/220KV Hoody Sub Station on 25<sup>th</sup> October, 2017</li> <li>9. Industrial visit to visit 400/220KV Hoody Sub Station on 11<sup>th</sup> October, 2016</li> <li>10. Industrial visit to Central Power Research Institute (CPRI) on 1<sup>st</sup> August 2016.</li> <li>11. Industrial trip to EMMVEE Photovoltaic Power Private Limited, #13/1, Airport Rd, Bengaluru, and Karnataka for our 7<sup>th</sup> Semester students on 25<sup>th</sup> January, 2016</li> <li>12. Industrial visit to Solar Power Plant, Shivanasamudra, Karnataka on 11<sup>th</sup> February, 2015.</li> <li>13. Industrial trip to the EMMVEE Solar Pvt. Ltd. Manufacturing unit on 17<sup>th</sup> January, 2015.</li> </ol> <p><b>FDP/SDP Organized:</b></p> <ol style="list-style-type: none"> <li>1. 3 Weeks Induction Program For 1st Year Students, 1st Aug 2018 to 18<sup>th</sup> Aug 2018.</li> <li>2. Three Days Faculty Development Program on Computer Aided Electrical Drawing (CAED – 15EE651) By Prof. Soni M, Associate Professor EEE Dept. On 29<sup>th</sup> to 31<sup>st</sup> January 2018.</li> <li>3. 5 days FDP- on “Introduction to Latex” by Prof. R. S. Ananda Murthy S.J. College of Engineering, and <b>Dr. A. A. Powly Thomas</b>, Professor &amp; Head, Dept. of EEE, HKBKCE, Bengaluru from 27<sup>th</sup> to 31<sup>st</sup> January, 2016.</li> <li>4. FDP Relay &amp; High Voltage Engineering by Prof. Adila Begum on 24 &amp; 25<sup>th</sup> July 2015</li> </ol> <p><b>Social Awareness Program:</b></p> <ol style="list-style-type: none"> <li>1. One Day program on ‘<b>Psycho-social Wellbeing of Youth and Gender Sensitization.</b>’ On 26<sup>th</sup> February, 2020. Speaker- Dr. Jonas Richard A-HRD Professional.</li> <li>2. <b>“Drug Awareness and Prevention Programme”</b> on 18<sup>th</sup> September, 2018 Chief Guest: Kala Krishnaswamy, IPS, DCP, North Bangalore.</li> </ol> <p><b>Project Exhibition:</b></p> <ol style="list-style-type: none"> <li>1. Department level project exhibition was organized on 11/05/2019</li> <li>2. Department level project exhibition was organized on 03/05/2018</li> <li>3. Department level project exhibition was organized on 09/05/2017</li> <li>4. Department level project exhibition was organized on 10/05/2016</li> <li>5. <b>Other events:</b></li> <li>6. <b>“Poster presentation and activities based learning on Industrial safety</b> on 10th May 2019.</li> </ol> |
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| <b>Events Attended</b>  | <p><b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:</b></p> <ol style="list-style-type: none"> <li>1. Three days <b>Online FDP</b> attended by Prof. Surat Pyari A and Prof. Malashree G on the topic “Power system operation &amp; control with MATLAB Simulations” organized by CK College of Engineering and Technology Cuddalore from 21<sup>st</sup> to 23<sup>rd</sup> May 2020.</li> <li>2. Five Days <b>online FDP</b> attended by Prof. Surat Pyari A on the topic “Recent Innovations and Technologies in Electric Vehicles” organized by GATES Institute of Tech. Ananthpuram from 8<sup>th</sup> to 12<sup>th</sup> June, 2020.</li> <li>3. Three Days <b>online FDP</b> on the topic “Embedded research &amp; Development in Academic Environment” organized by Sir MVIT Bangalore from 1<sup>st</sup> to 3<sup>rd</sup> June, 2020.</li> <li>4. Three Days <b>Online FDP</b> on the topic “Present Control Systems in Industry and Research Perspective” organized by SVCET, Chennai from 21<sup>st</sup> to 23<sup>rd</sup> June, 2020.</li> <li>5. One day Webinar is attended by Prof. Malashree G on the topic “Electrical Protection, Switch gear and its applications @ SVIT, Bangalore on 29<sup>th</sup> June, 2020.</li> <li>6. Five Days Online FDP attended by Prof. Afroz Pasha on the topic “RECENT TRENDS IN ELECTRICAL ENGINEERING” organized by BSA Crescent Institute of Science and Technology Chennai from 1<sup>st</sup> to 5<sup>th</sup> June, 2020.</li> <li>7. Prof. Afroz Pasha attended Five Days International Webinar series jointly organized by NHCE, RVSCET on the topic “Emerging Green Technologies For Smart Cities: Challenges and Opportunities” from 16<sup>th</sup> to 20<sup>th</sup> June, 2020.</li> <li>8. Three days <b>Online Faculty Development Program</b> attended by Prof. Sheikh Haroon Safdar on the topic “ Challenges and Mitigation Methods in Renewable Energy Power System” (CMR-EPS 2020) organized by CMRIT Bangalore from 8<sup>th</sup> to 10<sup>th</sup> June, 2020</li> <li>9. One Day FDP on “The Internationalization of Higher Education a Paradigm Shift” at Dr. Ambedkar Institute of Technology 18<sup>th</sup> December, 2018</li> <li>10. Seminar on “Electrical Measurement and Safety” at Karnataka small scale industries association on 25<sup>th</sup> October, 2018.</li> <li>11. Workshop on “New Model Curriculum for first year BE/BTech CBCS detailed syllabus at M .S Ramaiah Institute of Technology on 14<sup>th</sup> May, 2018.</li> <li>12. Two Days Workshop on “Moodle” at HKBK College of Engineering, Bangalore on 24<sup>th</sup> and 25<sup>th</sup> April 2018.</li> <li>13. <b>Five Days FDP</b> on “Pedagogy Training in Technical Education” at VTU Human Resource Development Center, Chickaballapur on 20<sup>th</sup> to 24<sup>th</sup> January, 2018.</li> <li>14. FDP on “CBCS Based Curriculum Development Towards Autonomy at HKBK College of Engineering on 11<sup>th</sup> to 25<sup>th</sup> January, 2018.</li> <li>15. Five days FDP on “Trends in Industrial Measurements and Automation” at MSRIT, Bangalore on 27<sup>th</sup> June - 1<sup>st</sup> July, 2016</li> <li>16. One Days FDP “OP Amp &amp; Linear IC’s” At MS College of Engineering on 23<sup>rd</sup> December, 2016.</li> </ol> |
| <b>Higher Education</b> | <p><b>Faculties pursuing Ph.D</b></p> <ul style="list-style-type: none"> <li>• Prof. Soni M</li> </ul>  |
|                         | <ol style="list-style-type: none"> <li>1. Afroz Pasha, Surat Pyari Atti “ <b>Comparative Study Of Sensor And Sensor Less Control Of Three Phase VSI Fed PMBLDC Motor drive for EV Applications</b>” IRJET- Volume: 06 Issue: 12   Dec 2019 e-ISSN: 2395-0056</li> </ol>   |

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| Referred Journals | <ol style="list-style-type: none"> <li>2. Sheikh Haroon Safdar , Malashree G “A Literature survey on Internet of Things based Flood Detection and Monitoring System Using Raspberry Pi “International Journal of Engineering Trends and Technology (IJETT) – Volume 67 Issue 11- Nov 2019.</li> <li>3. M Soni, Abraham George ,”<b><i>Optimal Design of Unequal Conductor Spacing In Grounding Grid by Modern Computational Intelligent Techniques,</i></b>” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-10, August 2019.</li> <li>4. M. Soni and Abraham George “<b><i>Optimal Grounding Grid Design for Substation and its Analysis</i></b>”, ISSN: 2249 – 6297, Vol. 7, No. 2, July-December 2018, pp. 84-89.</li> <li>5. M. Soni and Abraham George “<b><i>Analysis of unequal grid spacing in grounding grid design by two novel techniques and comparison of both</i></b>”, Journal Of Advanced Research In Dynamic And Control System, Volume11,02-Special Issue. PP.78-87, April 2019</li> <li>6. Ubaidulla, .Malashree G “<b><i>AC-DC-DC Converter for Intermittent Wind Energy</i></b>”, International Journal of Research and Scientific Innovation (IJRSI)   Volume V, Issue XII, December 2018   ISSN 2321–2705</li> <li>7. Afroz Pasha “<b><i>Design And Implementation Of Hybrid Regenerative Smart BLDC Motor Drive Electric Vehicle</i></b>” Vol-4 Issue-3 2018 IJARIE-ISSN(O)-2395-4396Prof.</li> <li>8. Hemalata K “An improved Inter line UPQC with <b><i>FLC for compensation of Voltage &amp; Current distortions in adjacent feeders</i></b>”, IEEE International Conference MANIT, Bhopal, December, 2016 International.</li> <li>9. Prof. Ubaidulla &amp; Prof. Malashree G, “<b><i>Renewable based Smart home control using modern technology</i></b>”, International Journal of Research and Scientific Innovation (IJRSI)   Volume IV, Issue VIS, June 2017   ISSN 2321–2705, Inernational.</li> <li>10. Prof. Ubaidulla and Prof. Malashree G “<b><i>Study and Analysis of DC – DC Step down Converter</i></b>” in International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 6, June 2017 PAGE No:11609-11614</li> <li>11. Prof. Ubaidulla &amp; Prof. Malashree G “<b><i>All time medicine counter for medicine self-dispensing for public</i></b>” International Journal of Latest Technology in Engineering, Management &amp; Applied Science (IJLTEMAS) 1st Special Issue on Engineering and Technology   Volume VI, Issue VS, May 2017   ISSN 2278-2540 PAGE No:40-41</li> </ol> |
| Conferences       | <ol style="list-style-type: none"> <li>1. Malashree G, Sneha S, Swetha B Gumati ,“All Time Medicine Counter For Medicine Self-Dispensing For Public” In The International Conference on Emerging Technological Innovations In Mechanical Engineering (ICETIME-2017) Held at RRIT Bangalore.</li> </ol>  |







# **HKBK COLLEGE OF ENGINEERING**

**Department of Engineering Physics**

**Mandatory Disclosure**

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| <b>11 (f)</b> | <b>Name of the Department</b> | <b>Engineering Physics</b> |
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| <b>Funds received</b>   | <b>2015-2016      20,000/</b><br><b>KSTA sponsored one day workshop on “ Nuclear Energy and environment”</b><br><b>21-09-2015</b>   |
| <b>Events Organized</b> | <b>FDP/SDP Organized:</b> <ul style="list-style-type: none"> <li>• SDP on “Physics in day to day life”, 06-02-2021</li> <li>• SDP on “ Graphene Based Technology” , 05-06-2020</li> </ul>   |
| <b>Events Attended</b>  | <b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:</b><br><b>Year -2021</b> <ul style="list-style-type: none"> <li>• FDP on " advanced materials and their technological relevance” Don Bosco Institute of Technology, Bengaluru, 23<sup>rd</sup> Nov 2021-27<sup>th</sup> Nov 2021</li> <li>• FDP on "Recent Advances in Composites and Nano Materials" AICTE Training and Learning (ATAL) Academy. 13<sup>th</sup> Dec2021-17<sup>th</sup> Dec2021.</li> <li>• FDP on " Recent Trends in Optoelectronics &amp; Optical Communications" Dr.AIT, Bengaluru, 15<sup>th</sup> Nov2021- 19<sup>th</sup> Nov2021</li> <li>• FDP on photo electric effect:100 days at Bangalore Institute of Technology, Bengaluru, 1<sup>st</sup> Dec 2021</li> <li>• One day webinar on " the universal concept of emergence ranging from bird flocks to quantum materials", NIE Mysore, 21<sup>st</sup> Dec 2021</li> <li>• 6<sup>th</sup> International Conference on Nano science Nano Technology( ICONN2021) , SRM, Institute of Science &amp; Technology, Kattankulanthur, Chennai, Tamil Nadu, India, 1<sup>st</sup> Feb2021-3<sup>rd</sup> Feb 2021</li> </ul> <b>Year – 2020</b> <ul style="list-style-type: none"> <li>• Five days FDP on “Resent Advances in smart materials for sensors and Energy applications” at BMSIT, Bengaluru-5600064, 06-10,July, 2020</li> <li>• Five days FDP on “ Trends of Research to Unravel Science and Technology” (TRUST)-2020 held by Department of Physics, Acharya Institute of Technology, Bengaluru, 3<sup>rd</sup>-7<sup>th</sup> February 2020</li> <li>• FDP on e- Learning: creating and managing e-content, V.V. Institute of Engineering &amp; Technology, Solapur, June 22<sup>nd</sup>– 24<sup>th</sup>,2020</li> <li>• FDP on Innovative teaching pedagogy in Technical Institutions, MVPS’s KBT college of Engineering, Nashik., June 1<sup>st</sup> – 5<sup>th</sup>, 2020</li> </ul> |

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|  | <ul style="list-style-type: none"> <li>• FDP on Physics of Material, Jain university, Bangalore, May 28<sup>th</sup> – 30<sup>th</sup>, 2020</li> <li>• AICTE recognized FDP on Outcome based curriculum, Department of Rural development, NITTTR, Chandigarh, May 25<sup>th</sup> – 29<sup>th</sup>, 2020</li> <li>• AICTE recognized FDP on Environment and Sustainable development, Department of Rural development, NITTTR, Chandigarh, May 18<sup>th</sup> -22<sup>th</sup>, 2020</li> <li>• AICTE recognized FDP on Nano material &amp; Devices, Department of Applied Science, NITTTR, Chandigarh, May 11<sup>th</sup> -15<sup>th</sup>, 2020</li> <li>• FDP on Contemporary tools and techniques for teaching and researchers in Higher education: Experience of using virtual classrooms, Cambridge Institute of Technology, Bangalore, May 9<sup>th</sup>, 2020</li> <li>• AICTE recognized FDP on Quantum and Energy Materials: Potential &amp; Applications, Department of Applied Science, NITTTR, Chandigarh, May 4<sup>th</sup> -8<sup>th</sup>, 2020</li> <li>• Three Days Online FDP on “Physics of Materials” organized by Department of Physics, Faculty of Engineering and Technology JAIN (Deem to be university) from 28<sup>th</sup> to 30<sup>th</sup> may 2020.</li> <li>• Online AICTE Recognized Faculty Development Programme on Nanomaterials and Devices from 11-05-20 to 15-05-20 (One Week) Organized by Applied Science Department NITTTR, Chandigarh</li> <li>• Three-day FDP on "Enhancement of Skills for Online Teaching" organized by Department of Mechanical Engineering, SRIT from 08 June 2020 to 10 June 2020.</li> <li>• One week online Faculty Development Programme on “NBA and NAAC Accreditation process” organized by Internal Quality Assurance cell(IQAC) M.S Ramaiah Institute of Technology under AICTE Margdarshan scheme from 4<sup>th</sup> to 8<sup>th</sup> June 2020.</li> <li>• “National Youth conference-2020” held at Loyola Hall, Mangalore organized by Akanksha Charitable Trust on 9<sup>th</sup> and 10<sup>th</sup> January 2020.</li> <li>• Workshop on “Online Skill Enhancement Program” organized by Akanksha Charitable Trust(Regd.), Puttur between 23<sup>rd</sup> - 28<sup>th</sup> April 2020.</li> <li>• Course on “Advanced Course on Special theory of Relativity” from IIT Kanpur.</li> <li>• E - Content Development Workshop for Teachers, Dept. of chemical Engineering, K.K.Wagh Polytechnic, Nashik, June 1<sup>st</sup> &amp; 2<sup>nd</sup>, 2020</li> <li>• Workshop on Competitive research grant proposal, SJCIT, Doddaballapur, 27<sup>th</sup> April, 2020</li> <li>• Webinar on E learning/ICT based education, Jawaharlal Institute of technology, Borawan, M.P, 24<sup>th</sup> May, 2020</li> <li>• Seminar on Two dimensional materials for diverse applications, Cambridge</li> </ul> |
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|  | <p>institute of technology, Bangalore, 23<sup>th</sup> May 2020</p> <ul style="list-style-type: none"> <li>• International E-conference on strategies &amp; challenges in Higher education during COVID- 19 Lockdown period in India with reference to the world, Govt. Vidarbha Institute of Science &amp; Humanities, Amravati, May 15<sup>th</sup> -17<sup>th</sup>, 2020</li> <li>• National Webinar on “Preparing Nets Today for Fishing Tomorrow” (Sharpen Your Edge) organized by IQAC of Vanita Vishram Women’s College of Commerce, Surat on 20 th May, 2020 on Zoom</li> <li>• National Webinar on “Writing a Research Paper &amp; Publishability: Issues &amp; Concerns” organized by IQAC of Vanita Vishram Women’s College of Commerce, Surat on 26 th May, 2020 on Zoom.</li> <li>• oneday national webinar on “Research methodology” organized by Research center political science &amp; economics, Yeshwantrao chavan college , Ambajogai, Dist .Beed on 15<sup>th</sup> june 2020.</li> <li>• one-day webinar on “Kick start your Research work” hosted by Department of Computer Science &amp; Engineering on May 30, 2020</li> <li>• one-day webinar on E-learning/ICT based Education on 24<sup>th</sup> may 2020 organized by Jawaharlal institute of Technology, Borawan (M.P)</li> <li>• National webinar on “Role of Teachers in building future leaders” as delegate organized by B.V.V Sangha’s Institute of Mangement studies,Vidyagiri, Bagalkot-Karnataka on 27<sup>th</sup> may 2020.</li> <li>• International Webinar on “Application of Chanakya Niti in Modern Education” organized by Department of Commerce on 11<sup>th</sup> May, 2020.</li> <li>• National webinar on “Two Dimensional Mateials for Diverse Application” hosted by Cambridge Institute of Technology, Bengaluru.23<sup>rd</sup> may 2020.</li> <li>• Webinar on Astronomy and Astrophysics entitled “The Universe: Reaching through Radio waves” organized by the Department of Applied Physics, Karunya institute of Technology and science, Coimbatore on 29.5.2020.</li> <li>• International webinar on Astronomy and Astrophysics entitled “ A Star’s Dance at the Centre of our Milky way Galaxy” organized by the Department of Applied Physics, Karunya institute of Technology and science , Coimbatore on 19.6.2020.</li> <li>• Two days National webinar on “Advanced Excel” organized by IQAC &amp; BCAF Department of Ghanshyamdas saraf college of Arts and commerce, Malad west, Mumbai in association with Skill Development and vocational Training Institute of India (SDVTII) on May 20<sup>th</sup> &amp; 21<sup>st</sup>, 2020.</li> <li>• Three days online workshop on "Education 4.0-Season II" organized by IQAC, Atharva College of Engineering held on 28th - 30th May 2020.</li> <li>• Two days “eContent Development Workshop for Teachers” organized on 1 st &amp; 2</li> </ul> |
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|  | <p>nd June, 2020. K. K. Wagh Polytechnic, Nashik. Department of Chemical Engineering</p> <p><b>Year – 2019</b></p> <ul style="list-style-type: none"> <li>• FDP on Enhancing Teaching skills and develop the next generation of Engineering Educators, HKBKCE, Bangalore, Dec, 2019</li> <li>• FDP on Research methodology, Department of Engg. Chemistry, HKBKCE, Oct 2019,</li> <li>• FDP on Physics experiments for Engineers held by Department of Physics, CMRIT, Bengaluru, Feb 2019</li> <li>• FDP on Physics experiments for Engineers held by Department of Physics, CMRIT, Bengaluru. Feb 2019</li> <li>• Faculty Development program on “Develop the Next Generation of Engineering Educators” at HKBK college of Engineering, Bangalore, collaboration with IBM iAcademia, 12<sup>th</sup> to 16<sup>th</sup> Dec 2019.</li> </ul> <p><b>Year – 2018</b></p> <ul style="list-style-type: none"> <li>• FDP on “Cyber security and Forensics”,HKBKCE, Bengaluru, 9<sup>th</sup> and 10<sup>th</sup> January 2018</li> <li>• FDP on “CBCS based curriculum development towards autonomy”, HKBKCE, Bengaluru, 11<sup>th</sup>, 12<sup>th</sup>, 23<sup>rd</sup> – 25<sup>th</sup> January 2018</li> <li>• FDP on Revised Engineering Physics theory and Laboratory curriculum, 2018-19 CBCS scheme held at CMRIT, Bengaluru, July 2018</li> <li>• FDP on Revised Engineering Physics theory and Laboratory curriculum, 2018-19 CBCS scheme held at CMRIT, Bengaluru, July 2018</li> <li>• Workshop on New model curriculum for I year B.E/B. Tech – CBCS detailed syllabus as per OBE format including Cos and Bloom’s Taxonomy, BIT, Bangalore, May 2018</li> <li>• Presented a paper entitled “Physico-chemical and Spectroscopic studies on <i>T.versicolor</i> treated textile effluent” in a National Seminar on Recent trends on Material Sciences, Dept. Of Physics, Thevanai Ammal College for Women, Villupuram on Feb 2018.</li> <li>• One day workshop sponsored by TEQIP III on “ Recent Advances in Micro &amp; Nano Engineering Materials and application” organized by Dr. Ambedkar Institute of Technology,Bangalore, 31<sup>th</sup> Jan 2018.</li> </ul> <p><b>Year – 2017</b></p> <ul style="list-style-type: none"> <li>• Attended an International conference on “Recent trends in Environmental Science and Technology” organized by APS college of Engineering, Bangalore held on Dec., 2017.</li> </ul> |
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| <p><b>Referred Journals</b></p> | <ol style="list-style-type: none"> <li>1. V. Basavanna, M. Chandramouli, <b>C. Kempaiah</b>, U. K. Bhadraiah, Chandra, N. S. Lingegowda, Shridevi Doddamani, and S. Ningaiah, A New Series of 1,3,4-Oxadiazole Linked Quinoliny-Pyrazole/Isoxazole Derivatives: Synthesis and Biological Activity Evaluation, ISSN 1070-3632, Russian Journal of General Chemistry, 2021, Vol. 91, No. 11, pp. 2257–2266. © Pleiades Publishing, Ltd., <b>2021</b></li> <li>2. Ganesha Krishna VS, <b>Shivaraj R Maidur</b>, Parutagouda Shankaragouda Patil, MG Mahesha, Role of Copper Dopant in Two-Photon Absorption and Nonlinear Optical Properties of Sprayed Zns Thin Films for Optical Limiting Applications Physics Letters A 398 (03/<b>2021</b>): 127276.</li> <li>3. <b>Shivaraj R Maidur</b>, Parutagouda Shankaragouda Patil, Naga Krishnakanth Katturi, Venugopal Rao Soma, Qin Ai Wong, Ching Kheng Quah, Ultrafast Nonlinear Optical and Structure–Property Relationship Studies of Pyridine-Based Anthracene Chalcones Using Z-Scan, Degenerate Four-Wave Mixing, and Computational Approaches. <i>The Journal of Physical Chemistry B</i> 125, no. 15 (03/<b>2021</b>): 3883-98.</li> <li>4. Mallikarjun H. Anandalli, Rajashekhar F. Bhajantri, <b>Shivaraj R. Maidur</b>, and Parutagouda Shankaragouda Patil. "Impact of brilliant green dye on structural, linear, and third-order nonlinear optical properties of poly (vinyl alcohol) polymer composites for optoelectronic applications." <i>Journal of Materials Research</i> 36, no. 14 (2021): 2856-2871.</li> <li>5. J. Jebapriya, Christina, D. Reuben Jonathan, <b>Shivaraj R. Maidur</b>, Prabhu Nallamuthu, Parutagouda Shankaragouda Patil, and Johanan Christian Prasana. "Crystal structure, synthesis, growth and characterization of a non-linear chalcone crystal:(2E)-1-(4-chlorophenyl)-3-(4-diethylaminophenyl)-prop-2-en-1-one." <i>Journal of Molecular Structure</i> 1246 (2021): 131184.</li> <li>6. <b>Karuna Kumari</b>, Ashutosh Kumar, Ajay D. Thakur, and S. J. Ray. "Charge transport and resistive switching in a 2D hybrid interface." <i>Materials Research Bulletin</i> 139 (2021): 111195.</li> <li>7. <b>Karuna Kumari</b>, Ajay D. Thakur, and S. J. Ray. "The effect of graphene and reduced graphene oxide on the resistive switching behavior of La<sub>0.7</sub>Ba<sub>0.3</sub>MnO<sub>3</sub>." <i>Materials Today Communications</i> 26 (2021): 102040.</li> <li>8. V. Pant, <b>Ajanta Datta</b>, D. Banerjee, K. Chandrashekhar, and S. Ray "Twisting/Swirling Motions during a Prominence Eruption as Seen from SDO/AIA", <i>The Astrophysical Journal</i> (2018), 860:80 (11pp) <b>ISSN: 1538-4357</b></li> </ol> |
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|  | <p>9. <b>Balasaraswathy S</b>, Ramamurthy N, Sivasakthivelan P, ‘Decolorization and biodegradation studies of the textile effluent treated by <i>Trametes versicolor</i>’, International journal of Plant, Animal and Environmental Science (2018), Vol.8, Issue -1,P.No.44-60,.ISSN: 2231-4490</p> <p>10. <b>K. Chandra Kumar</b>, S.Balasaraswathy, B. M. Rajesh and Chandra “2-Amino-N-(furan-2-ylmethyl)-5, 6-dihydro-4H- cyclopenta[b]thiophene-3-carboxamide”, IUCr Data (2017). 2, x171211, <b>ISSN: 2414-314</b></p> <p>11. <b>K. Chandra Kumar</b>, V. Umesh, T. K. Madhura, B. M. Rajesh and Chandra “Crystal structure of 2-amino-N-(2-fluorophenyl)-4, 5, 6, 7- tetrahydro-1-benzothiophene-3-carboxamide”, Acta Cryst. (2015), E71, o807–o808, <b>ISSN: 2056-9890</b></p> <p>12. <b>V. Pant, Ajanta Datta</b>, and D. Banerjee “Flows And Waves In Braided Solar Coronal Magnetic Structures” , The Astrophysical journal letters ( 2015) 801:L2 <b>ISSN: 20418205</b></p> <p>13. <b>Ajanta Datta</b>, S. Krishna Prasad and Dipankar Banerjee “Propagating disturbances along a coronal loop from simultaneous EUV imaging and spectroscopic observations” Research in Astronomy and Astrophysics (2015), Vol. 15 No. 7, 1027–1035, <b>ISSN : 2397-6209</b>.</p> |
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# **HKBK COLLEGE OF ENGINEERING**

**Department of Chemistry**

**Mandatory Disclosure**



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| <b>1</b> | <b>Name of the Department</b>                   | <b>Chemistry</b>   |
| <b>2</b> | <b>Course</b>                                   | <b>B.E</b>   |
| <b>3</b> | <b>Level</b>                                    | <b>U.G</b>   |
| <b>4</b> | 1 <sup>st</sup> year of approval by the Council | Yes 1997   |
| <b>5</b> | Programs  | CSE, ISE, EC, Mech, Civil & AIML   |
| <b>6</b> | Accreditation Status of the Course              | YES  |
| <b>7</b> | Doctoral Courses                                | YES  |
| <b>8</b> | Foreign Collaboration                           | YES  |
| <b>9</b> | Professional Society Membership                 | Electrochemical Society of India.<br>Indian Society for Technical Education. |

#### **Funds Received**

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| <b>1</b> | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 <b>Financial year 2012-13(a)</b> Under Recurring Head: <b>Rs 34,935(b)</b> Under Non-recurring Head: <b>Rs19,31,304</b>    |
| <b>2</b> | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 <b>Financial year 2013-14(a)</b> Under Recurring Head: <b>Rs 3,16,836(b)</b> Under Non-recurring Head: <b>Rs 1,00,987.</b> |
| <b>3</b> | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 <b>Financial year 2014-15(a)</b> Under Recurring Head: <b>Rs 3,98,326(b)</b> Under Non-recurring Head: <b>Rs86,129.</b>    |
| <b>4</b> | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 <b>Financial year 2015-16(a)</b> Under Recurring Head: <b>Rs1,85,568(b)</b> Under Non-recurring Head: RsNil.               |
| <b>5</b> | Project Title: : Nano calcium silicate – soil based mineral amendments as liners for hazardous waste containment facilities, Funded by Science and Engineering research board (SERB), Dept. of Science and Technology (DST) Govt. of India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 <b>Financial year 2016-17(a)</b> Under Recurring Head: <b>Rs 1,32,167 (b)</b> Under Non-recurring Head: RsNil.             |
| <b>6</b> | Completed <b>RESPOND</b> project of <b>ISRO</b> Project (DOS sanction order DOS/PAD/GIA/2005-06/65/2532, dated 6th January 2006) Titled “ <b><i>Stress corrosion studies on Al alloys (like AA7075 – T7351 and AA7075 – T651)</i></b> ” from April 2006 to June 2009. Total budget of project <b>Rs 11.53 lakhs.</b>   |

#### **Events Organized**

##### **FDP/SDP Organized**

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| <b>1.</b> | The dept. of Dept of Chemistry, HKBK CE conducted one day FDP on Research methodology on <b>26/10/2019.</b><br><br>Three day E -Workshop on “Teaching and Learning Process” (TLP)organized by |
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| 2.   | IQAC hosted by Dept. of Civil Engineering and Dept. of Chemistry from 27 <sup>th</sup> to 29 <sup>th</sup> August 2020.   |
| 3.   | Value Addition Program for 24 <sup>th</sup> Batch of BE Students (Academic Year - 2020-21) 14 <sup>th</sup> – 19 <sup>th</sup> December 2020  |
| <b>Social Awareness Program</b>  |   |
| 1  | One Day program on ‘ <b>Psycho-social Wellbeing of Youth and Gender Sensitization.</b> ’ On 26-02-2020. Speaker-Dr. Jonas Richard A-HRD Professional.   |
| 2  | “ <b>Drug Awareness and Prevention Programme</b> ” on 18/09/2018- Chief Guest: Kala Krishnaswamy, IPS, DCP, North Bangalore.  |
| <b>Events Attended</b>   |   |
| <b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty</b> |   |
| 1.   | Dr Sanaulla P F – Attended and completed Five Days AICTE training and learning (ATAL) Academy Online Elementary FDP On “Carbon Balance and Environmental Sustainability” held from 07 <sup>th</sup> - 11 <sup>th</sup> February 2022 at BMS College of Engineering, Bengaluru   |
| 2.   | Dr Sanaulla P F – Attended 1.5 hrs “International Patent filing Masterclass” conducted by Turnip Innovations on 13 <sup>th</sup> November 2021  |
| 3.   | Dr Sanaulla P F – Participated and completed successfully Five Days AICTE training and learning (ATAL) Academy Online Elementary FDP On “Advanced Polymers for Energy conversion” held from 25 <sup>th</sup> - 29 <sup>th</sup> October 2021 at Cambridge Institute of Technology.  |
| 4.   | Dr Sanaulla P F – Participated and completed successfully Five Days AICTE training and learning (ATAL) Academy Online Elementary FDP On “Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems” held from 15 <sup>th</sup> - 19 <sup>th</sup> November 2021 at New Horizon College of Engineering. |
| 5.   | Dr Sanaulla P F – Completed Seven days AICTE – ISTE approved orientation programme on “Thermoelectric materials and Applications for Energy Harvesting and Power Generation” conducted from 21 <sup>st</sup> to 27 <sup>th</sup> November 2021 held at Sri Mata Vaishno Devi University, Katra, Jammu & Kashmir.  |
| 6.   | Dr Sanaulla P F – Participated in the webinar on “Implementation of National Education Policy 2020 in Engineering Education” Organized by Govt. Sri Krishnarajendra Silver Jubilee Technological Institute, K R Circle, Bengaluru held on 27 <sup>th</sup> November 2021.   |
| 7.   | Dr Sanaulla P F – Five Day Online Workshop On “Awareness On National Institutional Ranking Framework-NIRF”. 15 <sup>th</sup> - 19 <sup>th</sup> February 2021 By Department Of Electronics & Communication, HKBK College Of Engineering.  |
| 8.   | Dr Sanaulla P F – “Powder X-Ray Diffraction: A powerful tool for the Characterization of Nanomaterials” conducted by Department of Chemistry, Sai Vidya Institute of technology, Bangalore held on 8 <sup>th</sup> July 2020  |
| 9.   | Dr Sanaulla P F – International Conference on Materials for Environment, Sustainable Society and Global Empowerment ( MESSAGE219) organised by Department of Nano Technology, VTU, Center for Postgraduate Studies , Muddenahalli, Chikkaballapur, Karnataka on 19 <sup>th</sup> & 20 <sup>th</sup> December 2019.  |
| 10.  | Dr Sanaulla P F- F day FDP on “CBSC Curriculum Development towards Autonomy” HKBKCE on 11 <sup>th</sup> , 12 <sup>th</sup> December 2017 and 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> January   |

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|     | 2018.   |
| 11. | Dr Sanaulla P F- Worksoop on “New Model Curriculum for First Year BE/BTech CBCS detailed Syllabus 208-19 as per outcome-based education (OBE) format including course outcome (CO) and Blooms Taxonomy “Under TEQIP-1.3. Organised By VTU on 7 <sup>th</sup> July 2018.   |
| 12. | Dr Sanaulla P F – TEQIP Workshop on Recent Advances in Micro and Nano Engineering Materials and Applications (RAEMA-2018) VTU- Dr Ambedkar Institute of Technology, Bangalore, 31 <sup>st</sup> January 2018.   |
| 13. | Mrs Shubha A –Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems" from 15/11/2021 to 19/11/2021 at New Horizon College of Engineering. |
| 14. | Mrs Shubha A –Participated& completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Waste Technology - Energy Conversion and Utilization" from 08/11/2021 to 12/11/2021 at Mohamed Sathak Engineering College  |
| 15. | Mrs Shubha A – ParticipatedFive days International FDP on " Education 4.0 The future ahead" from 10 <sup>th</sup> to 14 <sup>th</sup> August 2020 at Mohamed Sathak Engineering College   |
| 16. | Mrs Shubha A – Participated Five days International FDP on "Recent Trends in Material Science" from 02/11/2021 to 06/11/2021 at Mohamed Sathak Engineering College  |
| 17. | Mrs Shubha A – Five Day FDP on “Develop the Next Generation of Engineering Educators: organised by iacademia-IBM, HKBK CE from 9 <sup>th</sup> to 13 <sup>th</sup> December 2019.   |
| 18. | Mrs Shubha A – One day FDP on “Research Methodology” organised by Dept of Chemistry & Civil on 26 <sup>th</sup> October 2019.   |
| 19. | Mrs Shubha A – One day FDP on “Use of Excel for CO-PO attainment calculation for NBA” HKBK CE on 28 <sup>th</sup> March 2019.   |
| 20. | Mrs Shubha A – Five day FDP on “CBSC Curriculum Development towards Autonomy” HKBKCE on 11 <sup>th</sup> , 12 <sup>th</sup> December 2017 and 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> January 2018.  |
| 21. | Mrs Shubha A – Three day FDP on “Recent advances in basic science for engineering applications.(FDP-Nano-2019) Dayananda Sagar academy of Technology and Management on 8 <sup>th</sup> -10 <sup>th</sup> January 2018.  |
| 22. | Mrs Shubha A – Five FDP on “Pedagogy training in technical education” TEQIP1.3 Organised by VTU-HRD, VTU, Center for Postgraduate Studies , Muddenahalli. Chikkaballapur, Karnataka from 20 <sup>th</sup> to 24 <sup>th</sup> February 2018.  |
| 23. | MrsNethravathi P C- One Week International Winter school on Frontiers in Materials Science, JNCASR, Bangalore. 3-7 Dec 2018   |
| 24. | MrsNethravathi P C- Participated in five days Faculty Development Program on “Develop the next generation of Engineering educators, HKBKCE, Bengaluru. 15-19 Dec 2019   |
| 25. | MrMahadevkumar P- Participated in one day workshop on “Role of Chemistry in Higher Engineering Courses” held at Sambhram Institute of Technology.20-01-2018   |
| 26. | Jayasimha HN – Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Electroanalytical Techniques for Bio-sensing Applications" from 22/11/2021 to 26/11/2021 at CSIR-Central Electrochemical Research Institute.   |

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| 27. | Jayasimha HN – Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Waste Technology - Energy Conversion and Utilization" from 08/11/2021 to 12/11/2021 at Mohamed Sathak Engineering College.   |
| 28. | Jayasimha HN – Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems" from 15/11/2021 to 19/11/2021 at New Horizon College of Engineering. |
| 29. | Jayasimha HN – Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Advanced Polymers for Energy conversion" from 25/10/2021 to 29/10/2021 at Cambridge Institute of technology.   |
| 30. | Jayasimha HN – Attended a three-days E -Workshop on “Teaching and Learning Process” (TLP) organized by IQAC hosted by Dept. of Civil Engineering and Dept. of Chemistry from 27 <sup>th</sup> to 29 <sup>th</sup> August 2020.  |
| 31. | Jayasimha HN – Participated in the Faculty Development Programme (FDP) entitled “Recent Advances in Science & Technology - 2020” organized by the Department of Physics during 17 <sup>th</sup> – 21 <sup>st</sup> August 2020 at Don Bosco Institute of Technology, Mysore Road, Bangalore.                            |
| 32. | Jayasimha HN – Participated in one-week online Faculty Development Program (FDP) on “Impact and Strategies on Teaching & Learning of Engineering Sciences during COVID-19 pandemic (ISTLESC-2020)”, organized by the Department of Chemistry from July 27 to August 1, 2020.  |
| 33. | Jayasimha H N – Participated in one day workshop on “Role of Chemistry in Higher Engineering Courses” held at Sambhram Institute of Technology 20-01-2018   |
| 34. | Jayasimha H N – Participated in six days Faculty Development Programme on “Recent Advances in Materials Science and Applications organized by Department of Chemistry & Physics, Ramaiah Institute of Technology, Bengaluru. 16-06-2018 to 21-06-2018   |
| 35. | Jayasimha HN – Completed Certification of “Certified Cyber Security Professional (CCSP) workshop certification requirements and is recognized as a Certified Cyber Security Professional (Bangalore Edition) at RajaRajeswari Medical College Campus (RRMCH), Bangalore.  |

#### Referred Journals Publications

##### Dr. Sanaulla P F

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| 1 | Comparative Studies of Inhibitive Effects of Diamines on Corrosion of Aluminium Alloy in Presence of Acid Media.H.C. Ananda Murthy <sup>3</sup> and Anjanapura V. Raghu <sup>4</sup> Shobha Bhaskara <sup>1</sup> , Sanaulla Pathapalya Fakrudeen <sup>2</sup> , V. Bheema Raju <sup>1</sup> , Rasayan <b>Journal of Chemistry</b> , V 21, 2021/11/21, Special Issue 2021, PP 72-82, <a href="http://doi.org/10.31788/RJC.2021.1456561">http://doi.org/10.31788/RJC.2021.1456561</a> . |
| 2 | Evaluation of Corrosion Inhibition Efficiency of Aluminum Alloy 2024 by Diaminostilbene and Azobenzene Schiff Bases in 1M Hydrochloric Acid.Shobha Bhaskara,SanaullaPathapalyaFakrudeen , Tegene Desalegn, H. C. Ananda Murthy, and V. Bheemaraju, <b>International Journal of Corrosion</b> , V21, 2021/10/21. PP 1-20, <a href="https://doi.org/10.1155/2021/5869915">https://doi.org/10.1155/2021/5869915</a> .   |

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| 3  | Enhanced multifunctionality of CuO nanoparticles synthesized using aqueous leaf extract of Vernonia amygdalina plant. HC Ananda Murthy, Tegene Desalegn Zeleke, KB Tan, Suresh Ghotekar, Mir Waqas Alam, R Balachandran, Kah-Yoong Chan, PF Sanaulla, MR Anil Kumar, CR Ravikumar. Results in <b>Chemistry 3 (2021) 100141</b> . <a href="https://doi.org/10.1016/j.rechem.2021.100141">https://doi.org/10.1016/j.rechem.2021.100141</a> . |
| 4  | Evaluation of Sequential Extraction Procedure (SEP) to Validate Binding Mechanisms in Soils and Soil-Nano- Calcium Silicate (SNCS) Mixtures. Kotresha. K, Sanaulla PF, Mohammed, S.A.S. and Moghal, A.A.B - <b>Indian Geotechnical Journal</b> , 50(6), 2020. DOI 10.1007/s40098-020-00464-w.  |
| 5  | Cadmium Fixation Studies on Contaminated Soils Using Nano Calcium Silicate – Treatment Strategy, Syed Abu Sayeed Mohammed, Arif Ali Baig Moghal, Sanaulla P.F, Kotresha K, Hari Prasad Reddy P, <b>Technical Paper Program , March 12-15, 2017, Orlando, Florida, USA. Geotechnical Frontiers 2017 GSP 276 @ ASCE</b> , page 434-442.  |
| 6  | Sustainable use of soils amended with Nano calcium silicate mixture for Nickel encapsulation in an aqueous medium", Syed Abu Sayeed Mohammed, Sanaulla P.F, Kotresha K, Arif Ali Baig Mogha. <b>Materials Today Proceedings (ICNAO), ELSEVEIR</b> , 4 (2017) page 12271–12277.   |
| 7  | Potential of Soils Amended with a Nano Calcium Silicate Mixture for Lead Encapsulation in an Aqueous Medium. Syed Abu Sayeed Mohammed, Sanaulla P.F, Munwar B Basha and Arif Ali Baig Moghal, <b>Geo-Chicago-2016 GSP 269 @ASCE, USA</b> , page 467- 276.  |
| 8  | Role of different leaching methods to arrest transport of Ni <sup>2+</sup> in soil and soil amended with nano calcium silicate, Syed Abu Sayeed Mohammed, Sanaulla P.F and Arif Ali Baig Moghal <b>GEOCHINA -2016 GSP 261 @ASCE, USA</b> , pp 49-56.   |
| 9  | Sustainable use of locally available red earth and black cotton soils to retain Cd <sup>2+</sup> and Ni <sup>2+</sup> from aqueous solutions, Syed Abu Sayeed Mohammed, Sanaulla P. F and Arif Ali Baig Moghal, <b>International Journal of Civil Engineering-Springer, Iran University of Science and Technology</b> , DOI 10.1007/s40999-016-0052-z, 30 May 2016.  |
| 10 | “Effect of Electroless Cu Coating on the Mechanical properties of Al6061/SiC/Gr based Hybrid Composite”. <b>International Journal of Scientific &amp; Engineering Research</b> , Vol 5( 3), (2014) pp1070 -1077.( <b>Impact factor -1.47</b> )   |
| 11 | Inhibiting Action of Tetra-N-Butyl Ammonium Bromide And Tetra-N-Butyl Ammonium Iodide on The Corrosion Behaviour of Zn-27 Alloy In 1M Na <sub>2</sub> SO <sub>4</sub> . <b>International Journal of Engineering and Science (IJES)</b> , Vol.3, Issue. 6(2014)pp 58-68.  |
| 12 | “Inhibition Action of Tetra –N – Butyl Ammonium Bromide and Tetra –N Butyl Ammonium Iodide on the Corrosion Behaviour of Zn-27 Alloy in 0.5 M NaCl.” <b>International Journal of Latest Technology in Engineering &amp; Management</b> , Vol.III, Issue. VI, (June 2014) pp 09-18.   |



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| 13                     | “Inhibiting Action of Quaternary Ammonium Salts on the Corrosion Behaviour of ZA-27 Alloy in 1M Na <sub>2</sub> SO <sub>4</sub> ” <i>IOSR Journal of Applied Chemistry (IOSR-JAC)</i> , Volume 7, Issue 5 Ver. I. (May. 2014), ( <b>Impact factor -1.327</b> ).  |
| 14                     | “Electro chemical investigation on the corrosion behavior of ZA-27 alloy in 1MNa <sub>2</sub> SO <sub>4</sub> in the presence of cationic surfactants as inhibitors” <i>IOSR Journal of Humanities and Social Science (IOSR-JHSS)</i> , Volume 19, Issue 6, Ver. I (Jun. 2014), PP 09-20,( <b>Impact factor -1.589</b> )             |
| 15                     | “Inhibitive effect of N,N'-bis (Salicylidene)1-2 Diaminoethane and N,N'-bis(3-Methoxy Salicylidene)1-2 Diaminoethane on the corrosion of AA6061 alloy in Hydrochloric acid”. <i>Journal of Applicable Chemistry</i> , Vol 2(4), (2013), pp940-957.( <b>Impact Factor- 1.26</b> ).  |
| 16                     | Electrochemical Behaviour of AA6061 Alloy in 1M Hydrochloric Acid using Schiff Base Compounds as Corrosion Inhibitors”. <i>J. Mater. Environ. Sci.</i> 4(3), (2013) PP 326-327. ( <b>Impact Factor- 1.0923</b> ).  |
| 17                     | “Electrochemical Behaviour of AA6063 Alloy in Hydrochloric Acid using Schiff Base Compounds as Corrosion Inhibitors. <i>International Journal of Engineering Research and Applications</i> Vol. 2, Issue 5, 2012, pp 2049-2061.( <b>Impact Factor- 1.69</b> )  |
| 18                     | “Electrochemical investigation of corrosion inhibition of AA6063 alloy in 1M hydrochloric acid using Schiff base compounds”. <i>IOSR Journal of Applied Chemistry</i> . Vol 2. Issue 5, 2012, pp37-47.( <b>Impact factor -1.327</b> )  |
| 19                     | “Corrosion Inhibition of AA6061 and AA6063 alloy in Hydrochloric acid media by Schiff base compounds”. <i>J. Chil. Chem. Soc.</i> , 57, N° 4 (2012) PP 1364-1370.( <b>Impact Factor-0.67</b> )   |
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| 22                     | Corrosion behaviour of TiO <sub>2</sub> particulate reinforced Al-6063 composites in sodium sulphate medium, <i>International Journal of Applied Chemistry</i> , ISSN 0973-1792, Volume 6, Number 2, (2010) pp. 225–232.   |
| 23                     | Studies on Contaminant transport at an industrial waste dump site of Bangalore, India. Published in an <i>International Journal Revista Ambiente Agua Taubate – An Interdisciplinary journal of Applied Science</i> Volume 3, number 3, December08 Issue p55 – 66. Published by <b>University of Taubate, Taubate City, Brazil</b> . |
| 24                     | “Rotational Re-Orientation times and dipole moments of Coumarin laser dye” <i>BARC, Mumbai January 2005</i> .  |
|                        | “Studies on properties of self-setting sand using molasses as a binder and calcium oxide as a hardener” published at <i>Indian Foundry Journal, IIT (Madras)</i> , July 1995.  |
| 25                     | “Studies on properties of self-setting sand using molasses as a binder and sodium metaborate as a hardener” <i>Indian Foundry Journal IIT (Madras)</i> .   |
| <b>Dr. Anantha M S</b> |  |
| 1                      | "Nanostructured MnO <sub>2</sub> /CeO <sub>2</sub> composite as anode material for high performance Li-ion battery." Sengupta, S., Anantha, M. S., Muralidhara, H. B., & Kundu, M. <i>Materials Letters</i> 308 (2022):  |

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| <b>2</b>           | "Numerical investigations of response surface methodology for organic dye adsorption onto Mg-Al LDH-GO Nano Hybrid: An optimization, kinetics and isothermal studies." Archana, S., B. K. Jayanna, A. Ananda, M. S. Ananth, Atif Mossad Ali, H. B. Muralidhara, and K. Yogesh Kumar. <i>Journal of the Indian Chemical Society</i> <b>99</b> , no. 1 (2022): 100249. <a href="https://doi.org/10.1016/j.jics.2021.100249">https://doi.org/10.1016/j.jics.2021.100249</a>  |
| <b>3</b>           | "Nitrogen-doped carbon spheres-decorated graphite felt as a high-performance electrode for Fe based redox flow batteries." Dinesh, A., Anantha, M. S., Santosh, M. S., Kumar, M. N., Venkatesh, K., & Muralidhara, H. B. <i>Diamond and Related Materials</i> <b>116</b> (2021): 108413. <a href="https://doi.org/10.1016/j.diamond.2021.108413">https://doi.org/10.1016/j.diamond.2021.108413</a>  |
| <b>4</b>           | "Microwave treated Bermuda grass as a novel photocatalyst for the treatment of methylene blue dye from wastewater." Anantha, M. S., V. Jayanth, Sharon Olivera, D. Anarghya, Krishna Venkatesh, B. K. Jayanna, H. P. Sachin, and H. B. Muralidhara. <i>Environmental Nanotechnology, Monitoring &amp; Management</i> <b>15</b> (2021): 100447. <a href="https://doi.org/10.1016/j.enmm.2021.100447">https://doi.org/10.1016/j.enmm.2021.100447</a>  |
| <b>5</b>           | "One-Pot Synthesis of Novel Molybdenum Disulfide–Graphene Oxide Nanoarchitecture: An Impeccable Bifunctional Electrode for the Electrochemical Performance of Iron Redox Flow Batteries and Oxygen Evolution Reaction." Mylarapattana Shankaranarayana, A., Dinesh, A., Siddaramanna, A., Lakkepally, S., Viswanatha, R., Venkatesh, K., Kumaraswamy, Y.K. and Muralidhara, H.B. <i>Energy &amp; Fuels</i> <b>35</b> , (2021): 8345-8357. <a href="https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.1c00378">https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.1c00378</a> |
| <b>Conferences</b> |   |
| <b>1</b>           | "Sorption and Entrapment of Heavy Metals In A Contaminated Soil Using Nano Calcium Silicate – A Nano Amendment". Kotresha K, Syed Abu Sayeed Mohammed, Sanaulla P F. Materials for Environment, Sustainable Society and Global Empowerment -2019 (MESSAGE - 2019), <b>Department of Nanotechnology, Visvesvaraya Technological University</b> Center for Postgraduate Studies, Bengaluru Region, Muddenahalli, Chikkaballapur – 562 101.  |
| <b>2</b>           | "Sustainable use of soils amended with nano calcium silicate mixture for cadmium encapsulation in an aqueous medium" Sanaulla P.F, Syed Abu Sayeed Mohammed, Arif Ali Baig Moghal-presented at <b>International conference on Nanotechnology - 2016 (IC Nano 2016)</b> held during 21 - 23rd April 2016 at <b>VTU Center for PG Studies</b> , Muddenehalli, Chikkaballapur, Karnataka, India. page 58-59.   |
| <b>3</b>           | Effect of Nano Calcium Silicate to retain Nickel in a contaminated Steel Mill Soil. Syed Abu Sayeed Mohammed, Sanaulla P.F and Kotesha K. <i>Indo-Canadian Symposium on Nano-Science and Technology (ICSNST-2016)</i> , National Institute of Engineering, Mysore, India.   |
| <b>4</b>           | Studies on Sorptive Behavior of Red and Black Cotton Soils on Pb, Cd and Ni from Aqueous Medium. Syed Abu Sayeed Mohammed, Sanaulla P. F and Arif Ali Baig Moghal, <i>CLEAR 2014 CONFERENCE</i> - Contaminated Land, Ecological Assessment and Remediation held at Chuncheon, Korea, 5-8 October 2014.  |
| <b>5</b>           | Application of Potentiometry to study the retentivity of heavy metal ions in Red Soil. Published in an <i>International Conference on Frontiers in Chemical Research</i> Held at Mangalore University during December 2008  |

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| 6                              | Corrosion Behaviour of Aluminium alloys in 3% and 5 % NaCl Solutions- A Potentiodynamic Study. Presented at <b>“National Symposium on Electrochemical Science and Technology NSEST 2008</b> , conducted by Electrochemical Society of India, Indian Institute of Science, (I.I.Sc) July 2008.  |
| 7                              | “Flood Control of a locality through Ground Water Recharge – A Case study.” Published at <b>National Conference on Role of Civil Engineers in Disaster Management and Mitigation</b> , held at BMS College of Engineering from 2 <sup>nd</sup> to 4 <sup>th</sup> February 2006.   |
| 8                              | Studies on water quality of Bellandur and Varthur lakes – A Case study.” Published at a <b>National Conference on Environment held at University of Agricultural Sciences</b> , Dharwad during November 2000.  |
| 9                              | “Studies on properties of a partially baked sand using a blend of limestone powder and organic resin as a binder” published at <b>40<sup>th</sup>Annual Convention of IIF, IIT (Madras)</b> , during February 1992.  |
| 10                             | Studies on properties of self-setting sand using molasses as a binder and sodium perborate as a hardener” <b>JNTU Hyderabad</b> .  |
| 11                             | <b>Journals Editorial Roundtable-2016 “Getting Visible – Indian Authors in Global Arena”</b> organised by Taylor & Francis on 8 <sup>th</sup> March 2016; Bangalore, India.  |
| 12                             | <b>Second Indo-Canadian Symposium on Nano-Science and Technology (ICSNST-2016)</b> , <i>National Institute of Engineering</i> , Mysore, India-February-2016.   |
| 13                             | <b>International Workshop on “Coatings and Surfaces in Biomedical Engineering”</b> <i>Indian Institute of Technology –Madras</i> , Chennai, India-February 2014.   |
| 14                             | <b>Workshop on “Research Methodology &amp; Report writing” e-learning Centre Mysore</b> , <i>Visvesvaraya Technological University, Bangalore</i> , India-May 2009.  |
| 15.                            | <b>National Conference on “Recent Advances in Surface Engineering –RASE-09”</b> <i>National Aerospace Laboratories (CSIR)</i> , Bangalore, India-February 2009   |
| 16                             | <b>National Symposium on “Electrochemical Science &amp; Technology (NSEST-2008)</b> , <i>The Electrochemical Society of India, Indian Institute of Science, Bangalore</i> , India-July 2008.   |
| 17                             | <b>Workshop on “Industrial Corrosion Awareness &amp; Prevention”</b> <i>The Electrochemical Society of India, Indian Institute of Science, Bangalore, National Institute of Technology-K &amp; at Mangalore University, India- February 2006.</i>  |
| 18                             | <b>National Conference on Environment</b> held at <i>University of Agricultural Sciences, Dharwad, India -November 2000.</i>   |
| <b>Higher Education</b>        |  |
| <b>Faculties Awarded Ph.D</b>  |  |
| 1                              | Dr. Anantha M S, USN: 1JT17PGA02; Title: <b>“Development of Nanostructured materials for Electrochemical Applications”</b> . Department of Chemistry, CIIRC, Jyothy Institute of Technology, Bangalore. Visvesvaraya Technological University, Belgaum.  |
| <b>Faculties Pursuing Ph.D</b> |  |
| 1                              | Ms. I Nusrat Jehan, USN: 1HK16PGJ04; Title: <b>“Electrochemical Studies on Corrosion Inhibition of Aluminium alloys AA6061, AA6063 in Acidic medium using Organic compounds”</b> . Department of Chemistry, HKBK College of Engineering, Bangalore. Visvesvaraya Technological University, Belgaum. <b><u>Course work Completed.</u></b> |

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| 2 | Mr. Kotresha K, USN: 1HK16PGJ05; Title: “ <b>Heavy Metal Immobilization by Nano – Metal Oxide Amendment in Contaminated Red soil and Black cotton Soil</b> ”. Department of Chemistry, HKBK College of Engineering, Bangalore. Visvesvaraya Technological University, Belgaum. <b>Colloquium Viva-Voce Completed- Thesis writing in Progress.</b> |
| 3 | Mr. Jayasimha H N, USN: 1GG16PGJ01; Title: “ <b>A Study On Generation of Metaloxide Nanomaterials and their Technological Applications</b> ” Department of Chemistry, Government Engineering College, Ramanagara. <b><u>Course work Completed.</u></b>  |

#### Faculties Attended Online FDP AY 2019-20

| Name            | Title<br>FDP, Webinar,<br>Online<br>Certification<br>Courses<br>(NPTEL, Udemy,<br>coursera, Skillscouter         | Date                       |   |
|-----------------|--|----------------------------|---|
| Dr Sanaulla P F | Webinar on<br>“Powder X-Ray<br>Diffraction –<br>Powerful tool for<br>the characterisation<br>of Nano Materials.” | 8 <sup>th</sup> July 2020. | Sai Vidya Institute of<br>Technology, Bnaglore-<br>64 |

#### Intellectual Property Rights ( IPR)

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| 1 | An Indian Patent Application No. 2765/CHE/2015, CBR No. 10983, Title “Nano Calcium Silicate – soil based mineral amendments as liners for hazardous waste containment facilities” dated 02/06/2015, patent published on 15/12/2017, and expedited on 15/06/2019. |
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# **HKBK COLLEGE OF ENGINEERING**

**Department of Engineering Mathematics**

**Mandatory Disclosure**



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| <b>11</b>  |   |  |
| <b>(i)</b> | <b>Name of the Department</b>                 | <b>DEPARTMENT OF ENGINEERING MATHEMATICS</b>   |
|            | Course  | B.E  |
|            | Level   | U.G  |
|            | <b>DEPARTMENTAL ACTIVITIES (SDPs)</b>         |  |
|            | 1   | SDP on “Application of Mathematics in Engineering” held on 29/11/2019 by Prof. Anand   |
|            | 2   | Conducted SDP (student development program) for first sem students on 15/12/2018 by inviting a resource person MR. Hari Swaroop. K.V , Technical Manager , Altiostar Networks Pvt.Ltd , Bangalore, on the topic "Application of Engineering Mathematics in Engineering"  |
|            | 3   | Conducted SDP (Student Development Program) for first sem students on 21/04/2018 by inviting Mr. Makhthum Peera Syed, Data Scientist, Siemens healthineers, Bangalore and Mr. Maaz Ahmed, Data Engineer, KPMG Global Services, Bangalore, on the topic "Application of Engineering Mathematics in Engineering" |
|            | <b>DEPARTMENTAL ACTIVITIES (FDPs)</b>         |  |
|            | 1   | Organised an FDP “Synergy in Engineering Mathematics” at HKBKCE On: 25 <sup>th</sup> and 26 <sup>th</sup> Jan 2016   |
|            | <b>WORKSHOPS/ /CONFERENCES/ FDPs ATTENDED</b> |  |
|            | <b>WORKSHOPS/FDPs</b>                         |  |
|            | 1.  | “Umme Salma” attended FDP on Statistical modeling , Analysis and its applications to Engineering, Conducted at M.S. Ramaiah Institute of technology, on 8 <sup>th</sup> July 2015  |
|            | 2.  | “Umme Salma”, attended One Day Workshop on “ Financial Planning for Uncertain Future” , 21st NOV 2015, at HKBK College of Engineering, Bengaluru   |
|            | 3.  | “Umme Salma” attended FDP on Synergy in Engineering Mathematics at HKBKCE , Dept.of Engineering Mathematics 25 <sup>th</sup> and 26 <sup>th</sup> Jan 2016   |
|            | 4.  | “Umme Salma” attended FDP on LATEX from 22 <sup>nd</sup> to 26 <sup>th</sup> June 2017 at HKBKCE Bengaluru 45  |
|            | 5.  | “Umme Salma” attended three day FDP on Microsoft Office , by the Department of Information Science , HKBKCE, 17th July to 19th July 2019   |
|            | 6.  | “Umme Salma” attended FDP on CBCS based curriculum development towards autonomy on 11,12 <sup>th</sup> Dec 2017 and 23,24,25 Jan-2018 at HKBKCE Bengaluru  |
|            | 7.  | “Umme Salma “ attended FDP on Research Methodology, Department of Civil / Chemistry, HKBKCE , 26th October 2019.   |
|            | 8.  | “Umme Salma” attended National webinar on “Mathematical Modeling & Physical Reality” Organised by Dr. Ambedkar Institute of Technology on 14 <sup>th</sup> September 2020  |
|            | 9.  | “Umme Salma” attended a three day E-workshop on “Teaching and Learning Process” , HKBKCE- from 27 <sup>th</sup> to 29 <sup>th</sup> August 2020  |

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| 10. | “Umme Salma” attended online one week FDP on “Recent Advances in Material Science and mathematical Appklication” organized by Ghousia College of Engineering\, from-15 <sup>th</sup> to 19 <sup>th</sup> june 2020 |
| 11  | “Umme Salma attended one day FDP on “You tube essentials”, organized by Board of Industry-Academia Partnerships. On 25 <sup>th</sup> june 2020   |
| 12  | “Umme Salma” participated in FIVE day FDP on “Emerging Trends in Applied Mathematics”, SJBIT, from-31 <sup>st</sup> August to 4 <sup>th</sup> September,2020.  |
| 13  | “Umme Salma” Participated in the online FDP on “Effective online teaching Strategies” held on 6 <sup>th</sup> June 2020 by Marian International Institute of Management-Kerala                                     |
| 14  | “Umme Salma” attended one day FDP on Innovatiions in Digital Education with Technology on May 29 <sup>th</sup> 2020 –GFC-Vijayanagara.   |
| 15  | “Umme Salma” attended Two days International Webinar on “Fluid dynamics and its Applications” by GFC-Vijayanagara-Bengaluru, on 28 <sup>th</sup> & 29 <sup>th</sup> May 2020.                                      |
| 16  | “Umme Salma”, Participated in International webinar on “Domination Energy in Graphs” at DR. Ambedkar Institute of Technology, on 11 <sup>th</sup> Sept.2020  |
| 17  | “Umme Salma”, attended International webinar on “National Education Policy 2020” on 10 <sup>th</sup> Sept.2020-GFC-Yelahanka   |
|     | <b>WORKSHOPS/ /CONFERENCES/ FDPs ATTENDED<br/>By C S Nagabhushana</b>  |
| 18  | Dr C S Nagabhushana attended FDP onMicrosoft office from 17 <sup>th</sup> to 19 <sup>th</sup> july 2019 at HKBKCE Bangalore-45   |
| 19  | Dr C S Nagabhushana attended FDP on Graph theory on line 07 june-2020 Government arts college,Madurai.   |
| 20  | Dr C S Nagabhushana attended FDP on Introduction to Maple and Maple sim,maple soft ,binary semantics,Bangalore On Aug17-2020   |
| 21  | Dr C S Nagabhushana attended FDP on Develop the next generation of Engineering Educators at HKBKCE , 12 <sup>th</sup> DEC to 16 <sup>th</sup> DEC-2019   |
| 22  | FDP on CYBER SECURITY AND FORENSICS from 9 to 10 th january 2018 at HKBKCE Bangalore 45  |
| 23  | FDP ON CBCS based curriculum development towards autonomy from 11,12 th dec 2017 and 23,24,25 jan-2018 at HKBKCE BANGALORE 45  |

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| 24 | FDP ON New model curriculum for first year BE CBCS detailed syllabus at BIT ON 7-5-2018  |
| 25 | FDP on LATEX from 22nd june 2017 to 26 th June at HKBKCE Bangalore-45  |
| 26 | FDP on Analog and digital electronics and data structures with c laboratories from 21 st july to 25 th july 2016 at HKBKCE Bangalore-45  |
| 27 | Work shop on “Analog and digital electronics and data structures with c laboratories from july 21 to 25 th july -2016 , at HKBKCE ,Bangalore-45  |
| 28 | Dr C S Nagabhushana attended FDP on Synergy in Engineering Mathematics at HKBKCE , Dept.of Engineering Mathematics 25 <sup>th</sup> and 26 <sup>th</sup> jan 2016                          |
| 29 | Dr C S Nagabhushana attended workshop on Financial planning for uncertain Future on 21 <sup>st</sup> NOV-2015 at HKBKCE-Bangalore-45   |
| 30 | Dr C S Nagabhushana attended one day workshop on Basic science syllabus for BE programme of VTU held at BDT college of Engineering Davangere-577004  |
| 31 | Dr C S Nagabhushana successfully participated in Author Workshop on 13 <sup>th</sup> FEB-2014 at central college ,Bangalore-01   |
| 32 | Dr C S Nagabhushana attended one day national level workshop on Magic of Making teaching Effective held on 26 <sup>th</sup> aug-2013 at HKBKCE-Bangalore-45                                |
| 33 | Member of organizing committee for the seminar “Mathematics for Engineers”, HKBK College of Engg, Sept 01, 2012  |
| 34 | Two days staff development programme, “Advanced Graph Theory in Engineering”, CMR institute of technology, Aug 01, 2009.   |
| 35 | S.Sreelakshmi”, attended One Day Workshop on “ Financial Planning for Uncertain Future” , 21st NOV 2015, at HKBK College of Engineering, Bengaluru   |
| 36 | “S.Sreelakshmi”, attended Two Day FDP on “ Synergy in Engineering Mathematics” , 25th & 26th Jan 2016, at HKBK College of Engineering, Bengaluru.  |
| 37 | “S.Sreelakshmi”, attended Five Day FDP on “ Analog and Digital Electronics and Data Structures with C Laboratories” ,21st – 25th July 2016, at HKBK College of Engineering, Bengaluru      |
| 38 | “S.Sreelakshmi”, attended one week FDP on “ LATEX” , 22nd to 26th June 2017, at HKBK College of Engineering, Bengaluru.  |
| 39 | “S.Sreelakshmi”, attended Two day FDP on “ Research Methodologies, Incubation & Patenting” , 29th to 30th June 2017, at HKBK College of Engineering, Bengaluru.                            |
| 40 | “S.Sreelakshmi”, attended five days FDP on “ CBCS Based Curriculum Development Towards Autonomy”, 11th , 12th Dec 2017 and 23rd – 25th Jan 2018 at HKBK College of Engineering, Bengaluru. |
| 41 | “S.Sreelakshmi”, attended Three day FDP on “Wireless Communication”, 29th to 31st Jan 2018, at HKBK College of Engineering, Bengaluru  |
| 42 | “S.Sreelakshmi”, attended two day workshop on “MOODLE”, 24th and 25th April 2018, at HKBK College of Engineering, Bengaluru.   |
| 43 | “S.Sreelakshmi”, attended one day FDP on “ Use of Excel for CO-PO attainment calculation for NBA” , 28th March 2019, at HKBK College of Engineering, Bengaluru.                            |
| 44 | “S.Sreelakshmi”, attended FDP on “ Research Methodology” , 26th OCT 2019, at HKBK College of   |

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|    | Engineering, Bengaluru.  |
| 45 | “S.Sreelakshmi”, attended three day FDP on “Microsoft Office”, 17th – 19th July 2019 at HKBK College of Engineering, Bengaluru.  |
| 46 | “S.Sreelakshmi”, attended five day FDP on “Develop the Next Generation of Engineering Educators”, 5th Dec – 9th Dec 2019, at HKBK College of Engineering, Bengaluru  |
| 47 | “S.Sreelakshmi”, Participated in International E conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World”, 15th – 17th May 2020, organized by Government Vidarbha Institute of Science & Humanities, Amravati  |
| 48 | “S.Sreelakshmi”, successfully completed Two Week Online Workshop on successfully completed Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS" from April 20 - May 06, 2020, organized by Teaching Learning Centre, Ramanujan College, Delhi, Sponsored by MHRD.  |
| 49 | “S.Sreelakshmi”, successfully completed Two Week Online Workshop on "Comprehensive e-Learning to e-Training guide for Administrative Work", organized by Teaching Learning Centre, Ramanujan College, Delhi, Sponsored by MHRD from May 25 - June 05, 2020.  |
| 50 | “S.Sreelakshmi”, successfully completed one Week Online FDP on "Open Source Tools for Research" from June 08 - June 14, 2020, organized by Teaching Learning Centre, Ramanujan College, Delhi, Sponsored by MHRD.  |
| 51 | “S.Sreelakshmi”, participated in one Week Online FDP on "NBA and NAAC Accreditation Process" from June 04 - June 08, 2020, organized by MSRIT, Bengaluru.  |
| 52 | “S.Sreelakshmi”, participated in Five day Online FDP on "Outcome Based Education and Accreditation Process" from May 25 – May 29, 2020, organized by IILM College of Engineering & Technology.   |
| 53 | “S.Sreelakshmi”, successfully completed the 21-day “Online Teaching Certificate Program (Advanced)” organized by ITEPH (DACG), Lucknow from 27th May – 2nd June 2020, 04th June - 10th June 2020 and 12th June - 18th June 2020.   |
| 54 | “S.Sreelakshmi”, participated in one Week Online Workshop on "MATLAB Workshop with Application to Linear Algebra" from May 11 - May 16, 2020, organized by BIT, Bengaluru.   |
| 55 | “S.Sreelakshmi”, Successfully completed –TEQIP-III supported National level Capacity building programme ‘e-Shodhyatra: Emerging trends & Technology in Scholarly Communication’, between 23rd Nov to 4th DEC 2020 organised by ICT, Mumbai and VES College of Arts, Science & Commerce, Mumbai.  |
| 56 | “S.Sreelakshmi”, successfully completed one week Faculty Development Program on “ADVANCED PEDAGOGICAL TECHNIQUES” organized by Teaching Learning Centre, Ramanujan College - University of Delhi under the aegis of Ministry of human resource development Pandit Madan Mohan Malaviya National Mission on Teachers AND TEACHING, between from October 29 - November 05, 2020 and obtained a grade A |
| 57 | “S.Sreelakshmi”, successfully Participated in a 3 - Day Webinar on “Srinivasa Ramanujan - Life, Achievements And Impact On Modern World Of Science And Technology” from 22 - 24, December - 2020, organized by Department of Mathematics, Sir.M.Visvesvaraya Institute of Technology, Bengaluru.   |
| 58 | “S.Sreelakshmi”, participated in AICTE Sponsored One Week Online STTP(Phase-III) On “Design of Experiments (DOE) & Optimization Techniques”, organized by the Department of Mechanical Engineering during 8th February 2021 to 13th February 2021 by VEMU Institute of Technology, Tirupati.   |

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| 59 | “S.Sreelakshmi”, participated in 5- day online workshop on awareness on national institutional ranking framework-nirf held from 15th - 19th February 2021 by Department Of Electronics & Communication, HKBK College Of Engineering  |
| 60 | “S. Sreelakshmi”, successfully completed by attending and completing 6 days Session and Assessment the AICTE sponsored online Short Term Training Programme (STTP) titled, “NLP Techniques for Teaching Gen Z Students: Rethinking new ways of communication”, organized by School of Management, Sri Ramakrishna College of Arts and Science, Coimbatore, from 04.01.2021 to 09.01.2021 |
| 61 | “S.Sreelakshmi”, participated in AICTE sponsored one week online short term training program on “Integral Transforms and their Applications”, organized by Department of Basic Science, Shri Vishnu Engineering College for Women, from 30 <sup>th</sup> Nov to 5 <sup>th</sup> Dec 2020.  |
| 62 | “S.Sreelakshmi”, participated in one day National webinar entitled “ E-learning, E-Content and Copyright issues”, Jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, on 8 <sup>th</sup> sept 2020.  |
| 63 | “Sharmada.U “ attended Workshop on MOODLE , HKBKCE , 24th April to 25th April , 2018   |
| 64 | “Sharmada.U “ attended Workshop on New Model Curriculum for First Year BE-CBCS detailed Syllabus (2018-19) as per Outcomes-Based Education including Course Outcomes and Bloom’s Taxonomy, Bangalore Institute of Technology, 7th May 2018.  |
| 65 | “Sharmada.U “ attended FDP on Microsoft Office , Department of Information Science , HKBKCE, 17th July to 19th July 2019   |
| 66 | “Sharmada.U “ attended FDP on Research Methodology, Department of Civil / Chemistry, HKBKCE , 26th October 2019.   |
| 67 | “Sharmada.U “ attended FDP on Develop the next generation of Engineering educators , HR Department , HKBKCE from 12th December to 15th December 2019.  |
| 68 | “Sharmada.U “ attended Participated in Online FDP on “ Effective Online Teaching Strategies” hosted by Marian International Institute of Management, Kuttikkanam, Kerala held on June 6 <sup>th</sup> , 2020.  |
| 69 | Sharmada.U participated in the Faculty development program on ‘You Tube essentials’ held on 25 <sup>th</sup> June , 2020 organised by Board of Industry – Academia Partnerships.   |
| 70 | Sharmada.U participated in a webinar on Vedic mathematics & Its Applications held on July 6 <sup>th</sup> 2020 by St.Joseph Engineering college , Mangalore  |
| 71 | Sharmada.U attended the online webinar on ‘Application of Probability and Statistics in Speech Recognition’ held on 11 <sup>th</sup> July 2020 by AMC Engineering College  |
| 72 | Sharmada.U participated in the Five day Faculty development program on Mathematical Concepts by using Free Open Source Softwares organized by the department Of Mathematics , BMSIT&M, Bengaluru held during 21 <sup>st</sup> to 25 <sup>th</sup> July , 2020  |
| 73 | Sharmada.U participated in the Five day online workshop on Awareness on National Institutional Ranking Framework -NIRF held from 15 <sup>th</sup> -19 <sup>th</sup> February 2021 by Department of Electronics & Communication , HKBK college of Engineering.  |
| 74 | Tejas attended FDP on Develop the next generation of Engineering educators ,HR Department, HKBKCE  |
| 75 | Tejas Attended FDP on Microsoft office ,Department of Information of Science ,HKBKCE,17th July to 19th July 2019   |
| 76 | Tejas Attended FDP on Avenue Research & Latex ,Department of Computer Science , Atria institute of technology ,1st Feb 2018 to 3rd Feb 2018  |
| 77 | Tejas Attended Workshop on Mathematical Thinking, Department of Mathematics, Atria institute of  |



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|    |  | technology ,17october 2017   |
| 78 |  | “ Prakash M” attended Workshop “Mission10X”,<br>Conducted by WIPRO , on 27 <sup>th</sup> feb-1 <sup>st</sup> march 2014.   |
| 79 |  | “ Prakash M” attended FDP on Fluid mechanics at SIT Mangalore , conducted by IIT Mumbai and<br>MHRD from may 20 <sup>th</sup> to 30 <sup>th</sup> May 2014                 |
| 80 |  | “Ramya H M” participated in the webinar on real life applications of mathematics<br>Conducted by NGP Institute of technology on 1st july 2020                              |
| 81 |  | “Sowmya.T “ participated webinar on “Pandemic Covid-19 and Survival of indian MSMEs , by<br>Glocal University ,Uttar Pradesh ,28 <sup>th</sup> June 2020                   |
| 82 |  | “Sowmya.T “ participated webinar on “Applications on Differential Equations.byCambridge Institute<br>of Technology North Campus , Bengaluru, on 19 <sup>th</sup> June 2020 |
| 83 |  | “Sowmya.T “ participated international webinar on“ How To Get Research Grants From<br>UGC,AICTE, by MBITS ,Kerala , on 9 <sup>th</sup> June 2020                           |
| 84 |  | “Sowmya.T “ attended “ FDP on Develop the next generation of Engineering educators ,HR<br>Department, HKBKCE 12 <sup>th</sup> Dec to 15 <sup>th</sup> Dec 2019             |
| 85 |  | “Sowmya.T “ attended FDP on Microsoft Office , Department of Information Science , HKBKCE,<br>17th July to 19th July 2019  |
| 86 |  | “Sowmya.T “ attended “ FDP on Emerging Trends in Mathematics and its applications, Department<br>of Mathematics, Ramaiah Institute of Technology.28th Jan to 2nd Feb 2019  |
| 87 |  | “Sowmya.T “ attended FDP on Avenue Research & Latex ,Department of Computer Science , Atria<br>institute of technology ,1st Feb 2018 to 3rd Feb 2018<br>.                  |
| 88 |  | “Sowmya.T “ attended Workshop on Mathematical Thinking, Department of Mathematics, Atria<br>institute of technology ,17october 2017  |

#### **PURSUING EDUCATION**

|  |    |   |
|--|----|---|
|  | 1. | S.Sreelakshmi, pursuing Ph.D programme in Mathematics at Vel Tech Rangarajan Dr. Sagunthala<br>R&D Institute of Science and Technology,Avadi, Chennai 600062, India |
|  | 2. | Prakash. M “Pursuing “Python in data science” from IIT Bombay through NPTEL   |
|  | 3. | Soumya.T , Pursuing Ph.D ,VTU   |
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#### **PUBLICATIONS**

##### **INTERNATIONAL/NATIONAL JOURNALS**

|    |   |
|----|---|
| 1  | <b>Dr C S Nagabhushana, Ksrinivasa rao</b> , some degree-based connectivity indices of Tad-pole Graph<br>,International journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN:2278-<br>3075,Volume-8,Issue-2S6,August-2019 |
| 2. | <b>Dr C.S. Nagabhushana and H M Chudamani</b> Split and equitable Domination of some special<br>graph International journal of Science Technology and engineering vol 4 issue2 page50-60<br>Aug-2017 ISSN 2349-784X                           |

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| 3.   | <b>H.T. Rathod and C.S. Nagabhushana</b> Finite Element Analysis of Linear Elastic Torsion for Regular Polygons International journal of engg and computer science.ISSN:2319-7242 Vol 5 issue 10 oct-2016 ,page no 18413-18427  |
| 4.   | <b>H.T. Rathod and C.S. Nagabhushana</b> Numerical Integration Over A And Gauss Legendre Formulas International journal of engg and computer science ISSN:2319-7242 Vol 5 issue 4April-2016 ,page no 16272-16242  |
| 5.   | <b>H.T. Rathod and C.S. Nagabhushana</b> ,A New Approach to Automatic Generation of All Quadrilateral Finite Element Mesh for Planar Multiply Connected Regions .International journal of Engg and computer science ISSN:2319-7242 Vol4 issue 6 June-2015 , page no 12792-12848 |
| 6.   | <b>H T Rathod, C S Nagabhushana</b> “SYMBOLIC COMPUTATION OF HIGH ORDER GAUSS LEGENDRE QUADRATURE RULES VARIABLE PRECISION ARITHMETIC” International e-Journal of Numerical Analysis and related Topics volume(6), March 2011, pp.1-8.ISSN:1687-787X                            |
| 7.   | <b>H T Rathod, C S Nagabhushana</b> “SYMBOLIC COMPUTATION OF HIGH ORDER GAUSS BOND QUADRATURE FORMULAS WITH VARIABLE PRECISION ARITHMETIC” International e-Journal of Numerical Analysis and related Topics volume(6), March 2011, pp.1-18.ISSN:1687-787X                       |
| 8.   | <b>H T Rathod, C S Nagabhushana</b> “SYMBOLIC COMPUTATION OF HIGH ORDER GAUSS LOBATTO QUADRATURE FORMULAS WITH VARIABLE PRECISION ARITHMETIC” International e-Journal of Numerical Analysis and related Topics volume(6), March 2011, pp.52-85ISSN:1687-787X                    |
| 9.   | <b>H T Rathod, C S Nagabhushana</b> “ <i>SYMBOLIC COMPUTATION OF HIGH ORDER NEWTON COTES CLOSED FORMULAS WITH VARIABLE PRECISION ARITHMETIC</i> ” International e-Journal of Numerical Analysis and related Topics volume(6), March 2011, pp.9-27.ISSN:1687-787X                |
| 10.  | <b>H T Rathod, C S Nagabhushana</b> “ <i>SYMBOLIC PROCESSING TO COMPUTE THE NEWTON COTES CLOSED FORMULAS OF HIGH ORDER</i> ” International e-Journal of Numerical Analysis and related Topics volume(5), September 2010, pp.43-62.ISSN:1687-787X                                |
| 11   | Dr.Ataulla,"Wavelets in the Analysis of Autoregressive Conditional Heteroskedasticity (ARCH) Models using Neural Network". International Journal of Computer & Mathematical Science (IJCMS), ISSN 2347-8527, Volume 7, Issue 4. In the month of June-2018.                      |
| 12   | S.Sreelakshmi, “A two-stage mutation stochastic model of carcinogenesis driven by a two level random environment” published in “International Journal of Mathematical, Engineering and Management Sciences”, 2020, 5(6), pp. 1392-1408.   |
| 13   | S.Sreelakshmi, “A two-stage mutation stochastic model of carcinogenesis driven by a three level environmental process”, published in “International Journal of Mathematical, Engineering and Management Sciences”, 2020, 5(6), pp. 1468-1487.                                   |
| <b>Dr C S Nagabhushana</b><br><b>PUBLICATIONS: NATIONAL/ INTERNATIONAL CONFERENCES</b> |   |
| 1.   | Presented a paper titled “ <b>simplified Architecture of IOT using Networking Techniques</b> ” in International conference on Applied science Engineering And Technology at SSCE ,anekal,Bangalore on 06-07 th june ,2016.  |

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| 2.  | Presented a paper titled “ <b>Hyper-Zagreb Indices and Their polynomial of Tadpole Graph</b> ” in International conference on Innovation in Engineering And science Technology and Management at HKBK college of Engineering, Bangalore on 3 <sup>rd</sup> and 4 <sup>th</sup> May-2019.         |
| 3.  | S.Sreelakshmi, “A Maturity – Dependent Two-Stage Stochastic Model For Carcinogenesis”, Proceedings of International Conference on Innovation in Engineering Science Technology and Management, ICIESTM-19,3 <sup>rd</sup> & 4 <sup>th</sup> May 2019, HKBK College of Engineering, Bengaluru.    |
| 4.  | Dr.S.Uday Baskaran, S.Sreelakshmi, “An Age – Dependent Stochastic Two Stage Model For Carcinogenesis”, Proceedings of National Conference on “Emerging Trends in Science and Engineering, NCETSE-2019, April 25 <sup>th</sup> – 27 <sup>th</sup> 2019, SMVIT & Management, Udupi.                |
| 5.  | S.Sreelakshmi,”Two-stage Mutation Model of Carcinogenesis in a Random Medium”, Proceedings of International Conference on Applied Mathematics and Informatics, ICAMI 2017, March 17 <sup>th</sup> & 18 <sup>th</sup> 2017, Kongu Engineering College, Erode.                                     |
| 6.  | S.Sreelakshmi, “Stochastic Models For Carcinogenesis”, Proceedings of International Conference on “Mathematical Modelling”, ICMM-2016,23 <sup>rd</sup> & 24 <sup>th</sup> Dec 2016, Don Bosco Institute ofTechnology, Bengaluru  |
| 7.  | S.Sreelakshmi, “Parametric Approach to Estimate Technical Efficiency of Firms”, Proceedings of International Conference on “Mathematical Science and Its Computational Applications”, ICMSCA-2014,11 <sup>th</sup> & 12 <sup>th</sup> Aug 2014, Dr. N.G.P. Arts and Science College, Coimbatore. |
| 8.  | S.Sreelakshmi, “Mathematical Models in Biology”, Proceedings of National Conference on “Mathematical Science and Its Computational Aspects”, NCMSCA-2013, 7 <sup>th</sup> FEB 2013, Dr. N.G.P. Arts and Science College, Coimbatore.   |
| <b>AWARDS AND RECOGNITIONS:</b>                 |  |
| <b>PAPER PUBLISHED IN SCOPUS INDEX JOURNALS</b> |  |
| 1.  | <b>Dr C S Nagabhushana, Ksrinivasa rao</b> , some degree-based connectivity indices of Tad-pole Graph ,International journal of Innovative Technology and Exploring Engineering (IJTEE),ISSN:2278-3075, Volume-8,Issue-2S6,August-2019   |
| 2.  | <b>Sreelakshmi.S</b> , Two-Stage Mutation Stochastic Model of Carcinogenesis Driven by Two Level Random Environment  |
| 3.  | <b>Sreelakshmi.S</b> , A Two-Stage Mutation Stochastic Model of Carcinogenesis Driven by Three Level Random Environment  |
| <b>STUDENTS PARTICIPATION</b>                   |  |
| 1.  | 150 students attended the SDP conducted on 29/11/2019  |
| 2.  | 120 students attendeded the SDP conducted15/12/2018  |
| 3.  | 150 students attended the SDP conducted on 21/04/2018  |
| 4.  | The following students scored 100% marks in Engineering Mathematics subject<br>1. Amreen Khanum-1HK19IS014<br>2. Shayan M Saquib Shaikh-1HK19CS139<br>3. Sandeep Singh-1HK19CS128<br>4. Diptesh Saha- 1HK18EC029<br>5. Jasmitha – 1HK19CS112   |



# **HKBK COLLEGE OF ENGINEERING**

**Department of Management Studies**

**Mandatory Disclosure**

|  |   |   |         |         |         |         |
|--|---|---|---------|---------|---------|---------|
| 11(j)                                  | Name of the Department                          | Department of Management Studies  |         |         |         |         |
|  | Course  | MBA   |         |         |         |         |
|  | Level   | PG  |         |         |         |         |
|  | 1 <sup>st</sup> year of approval by the Council | 2006  |         |         |         |         |
|  | Year wise sanctioned intake                     | 2014-15   | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|  |   | 60  | 60      | 60      | 60      | 60      |
|  | Year wise Actual Admission                      | 14  | 19      | 20      | 18      | 20      |
|  | Students passed with distinction                | 3   | 2       | 5       | 2       | 2       |
|  | Students passed with first class                | 7   | 12      | 15      | 10      | 11      |
|  | Students Placed                                 | 2   | 2       | 4       | 3       | 2       |
|  | Average Pay package                             | 3 lac   | 3.2 lac | 3lac    | 3lac    | 3.4 lac |
|  | Accreditation Status of the Course              | NAAC  |         |         |         |         |
|  | Doctoral Courses                                | Ph.D (Management)   |         |         |         |         |
|  | Foreign Collaboration                           | No  |         |         |         |         |
|  | Professional Society Membership                 | Faculty : ISTE  |         |         |         |         |
|  | Professional Activities                         | Forum – Department Association  |         |         |         |         |
|  | Consultancy Activities                          | -   |         |         |         |         |
|  | Grants Fetched                                  | -   |         |         |         |         |
| I. DEPARTMENTAL ASSOCIATION ACTIVITIES |   |   |         |         |         |         |
|  |   |   |         |         |         |         |
|  | 1.  | Department of MBA celebrated Woman’s Day 2020 on 12 <sup>th</sup> of March, 2020 encouragement for the women in the department conducting various events for the women.   |         |         |         |         |
|  | 2.  | The students took part in A one day seminar and awareness program on Psycho Social Wellbeing if Youth and Gender Sensation which was conducted on 26 <sup>th</sup> February, 2020.  |         |         |         |         |
|  | 3   | A One Day Workshop on Patents, Intellectual property Rights and Ethics organized at S.E.A College of Engineering on 17 <sup>th</sup> December, 2019 where Professor Sumaiya Banu of MBA Department, HKBK College of Engineering was one of the resource person. |         |         |         |         |
|  | 4   | One day Training on Advanced Excel was conducted for the first & second year MBA students on 4 <sup>th</sup> Dec, 2019  |         |         |         |         |
|  | 5   | Constitution Day was conducted on 26 <sup>th</sup> November, 2019 for which the students of MBA coordinated in the organization of the event.   |         |         |         |         |
|  | 6   | Product Launch was conducted for the students on 28 <sup>th</sup> November, 2019 by the Department of MBA and students launched an Energy Drink, Honey, and Footwear.   |         |         |         |         |
|  | 7   | Students of MBA Department attended a Sports Quiz, which was conducted by Chandana Channel on 27 <sup>th</sup> November, 2019.  |         |         |         |         |
|  | 8   | A Personality Development Workshop was conducted on 16 <sup>th</sup> October, 2019. The students were given tasks and they actively participated.   |         |         |         |         |

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|  | 9   | Go Green Day was conducted at the College by CMC Club on 19 <sup>th</sup> September, 2019 in which the students of MBA Coordinated the event and participated in planting the Saplings.                    |
|  | 10. | Placement Training was conducted for the students to improve various skills required for cracking interviews, from 26 <sup>th</sup> February to 2 <sup>nd</sup> March, 2019.                               |
|  | 11. | Industry Institution Interaction program was organised in presence of Ms Latha Uttham of Dell – EMC, Bangalore on 28th November, 2018.   |
|  | 12  | Product Launch was conducted for the students on 24 <sup>th</sup> November, 2018 by the Department of MBA and students launched an Energy Drink and Relaunched Khadi.                                      |
|  | 13  | One-day seminar on Customer Experience management was conducted on 17th November, 2018 by Mr Syed Saifuddin, General Manager, Concentrix, Bangalore.   |
|  | 14. | One day student workshop was conducted on “Contemporary Management” by Prof Dr Vaidyanathan, HOD, HKBK Degree College on 30 <sup>th</sup> Oct 2018.  |
|  | 15  | Mad Ad’s, A Management Activity was conducted on 22 <sup>nd</sup> October 2018 in which students showed active participation with great innovation.  |
|  | 16. | Advanced Excel training was conducted for the final year MBA students on April 10th, 2018.   |
|  | 17. | “Digital Marketing” value added training was conducted for all MBA students in the month of March 2018.  |
|  | 18  | Seminar on 5S & Life Skills was conducted on 4th November, 2017 by Mr Amul Chender, ACE Designers ltd,   |
|  | 19  | MSME sponsored 10 days Entrepreneurship development program (EDP) was hosted and conducted by the department for the students of HKBKCE from 11th Sept to 22nd Sept 2017.                                  |
|  | 20. | The department in association with Visvesvaraya Trade Promotion Centre (VTPC), Dept. of Industry & Commerce, Conducted an FDP on WTO &* Preview of the International Trade Landscape on 17th August, 2017. |

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|  | <b>INDUSTRIAL VISIT</b>            |  |
|  | 1.                                 | An Industrial Visit to UNIBIC Factory, Bangalore, arranged on 29 <sup>th</sup> Feb, 2020.  |
|  | 2.                                 | An Industrial Visit to Harrison Malayalam Ltd, Waynad, arranged on 30 <sup>th</sup> Oct, 2019  |
|  | 3.                                 | An Industrial Visit to NESSO Pvt ltd, Mysore, arranged on 20th Nov, 2018.  |
|  | 4.                                 | An Industrial visit to Royal Foods, Cochin, Kerela, arranged on 30 <sup>th</sup> March, 2018.  |
|  | 5.                                 | An Industrial Visit to ACE Designers Pvt Ltd, Bangalore, arranged on 11 <sup>th</sup> Oct, 2017  |
|  | <b>FACULTY DEVELOPMENT PROGRAM</b> |  |
|  | 1.                                 | Mrs Vanaja V attended one day Faculty Development Program on Blended Learning pedagogy using MOOCs conducted by Indian Institute of Management, Bangalore (IIMB) On 7 <sup>th</sup> March, 2020. |



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|-----|---|
| 2.  | Mrs Vanaja V attended five days Faculty Development Program on “Development of Next Generation of Educators,at HKBK College of Engineering, Bangalore from 9 <sup>th</sup> Dec 2019 – 13 <sup>th</sup> Dec 2019.                                    |
| 3.  | Ms Sumaiya Banu attended five days Faculty Development Program on “Development of Next Generation of Educators, at HKBK College of Engineering, Bangalore.  |
| 4.  | Mr Muhammed Fajid attended five days Faculty Development Program on “Development of Next Generation of Educators, at HKBK College of Engineering, Bangalore.  |
| 5.  | Mrs Vanaja V attended one week Faculty Development Program on “HR Analytics,” held at Don Bosco Institute of Technology, Bangalore from 26 <sup>th</sup> Aug – 31 <sup>st</sup> Aug, 2019.  |
| 6.  | Mrs Vanaja V attended one week Faculty Development Program on “Research & E-Resources,” held at Don Bosco Institute of Technology, Bangalore from 15 <sup>th</sup> July – 20 <sup>th</sup> July, 2019.  |
| 7.  | Mrs Vanaja V attended five day Faculty Development Program on CBCS Based Curriculum development toward autonomy held at HKBK group of institutions on 11 <sup>th</sup> 12 <sup>th</sup> Dec 2017 & 23 <sup>rd</sup> – 25 <sup>th</sup> Jan 2018.    |
| 8.  | Ms Sumaiya Banu attended five day Faculty Development Program on CBCS Based Curriculum development toward autonomy held at HKBK group of institutions on 11 <sup>th</sup> 12 <sup>th</sup> Dec 2017 & 23 <sup>rd</sup> – 25 <sup>th</sup> Jan 2018. |
| 9.  | Mrs Vanaja V attended one day Faculty Development Program on WTO and a preview of International Trade Landscape conducted by VTPC & Dept of Industries & commerce held at HKBK group of institutions on 17 <sup>th</sup> August, 2017               |
| 10. | Ms Sumaiya Banu attended one day Faculty Development Program on WTO and a preview of International Trade Landscape conducted by VTPC & Dept of Industries & commerce held at HKBK group of institutions on 17 <sup>th</sup> August, 2017            |

## 5. DEPUTATION TO HIGHER STUDIES

|  |                                     |                      |
|--|-------------------------------------|----------------------|
|  | <b>M Phil &amp; Ph. D Completed</b> |                      |
|  | 1.                                  | Ms Rucitha Pangariya |
|  | 2.                                  | Dr. Syed Ahamed      |

## 6. PUBLICATIONS/PAPERS

|  |                               |  |
|--|-------------------------------|--|
|  | <b>INTERNATIONAL JOURNALS</b> |  |
|  | 1.                            | Syeda Aasiya Tabassum & Vanaja V, “Impact of Training & development on employees performance at Rail Wheel Factory, Yelahanka, Bangalore,” International journal of Research & AnalyticalReviews (IJRAR), Volume 6, Issue 2, May 2019, E-ISSN 2348-1269, P-ISSN 2349-5138. Impact Factor: 5.75, UGC Approved Journal.  |
|  | 2.                            | Sivaji Samireddi & Dr Syed Ahamed, “Influential Factors towards Employee retention & employee attrition – A analytical survey among the executives of Matresses Industry, Bangalore,” International journal of Research & AnalyticalReviews (IJRAR), Volume 6, Issue 2, May 2019, E-ISSN 2348-1269, P-ISSN 2349-5138. Impact Factor: 5.75, UGC Approved Journal. |
|  | 3.                            | Parvez Alam khan & Sahana, “Problems faced by farmers in obtaining & repaying of Agricultural Loans in Hebri Taluk, Karnataka,” International journal of Research & AnalyticalReviews (IJRAR), Volume 6, Issue 2, May 2019, E-ISSN 2348-1269, P-ISSN 2349-5138. Impact Factor: 5.75, UGC Approved Journal.   |
|  | 4.                            | Parvez Ala, Khan, Vanaja V, Sumaiya Banu, “Sustainable consumption: Issues & Concerns,” Asia Pacific Journal of Rsearch, Volume 1, Special Issue X, April 2018, E-ISSN 2347-4793, P-ISSN 2320-5505, Impact Factor:6.58, UGC Approved Journal.  |
|  | 5.                            | Syed Ahamed. S & Dr.A.Ravi, “ A Study on Consumer Behavior towards Store Image and Purchase Intention with reference to Apparel Industry”, International Journal of Research & Scientific Innovation, Volume III, Issue XI, November 2016 ISSN 2321–2705, PP – 33-38. Impact Factor: 3.567. UGC Approved Journal.  |
|  | 6.                            | Syed Ahamed.S & Dr.A.Ravi, “A Study on Consumer Behavior towards Branded Garments among Male Shoppers” in International Journal of Business and Management Invention” ISSN: 2319 – 8028, Volume 5 Issue 5, PP – 45-49 Impact Factor: 1.482, in May 2016. UGC Approved Journal.   |
|  | <b>CONFERENCE</b>             |  |
|  | 1.                            | Mrs. Vanaja V presented paper titled “Women & Workplace – Gender equity approach” at Inspire:Reva Women’s Convention – 2020 on theme “women & Wellness’organised by Reva Unversity on 22 <sup>nd</sup> Feb, 2020.  |

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|  | 2. | Mrs. Vanaja V presented paper titled “Impact on Training & Development on Employees performance at Rail wheel Factory” Bangalore in One day National conference on Progressive Paradigms & Advances in Business Practices organized by T John College on 5 <sup>th</sup> April, 2019. |
|  | 3. | Mrs. Vanaja V presented paper titled “Impact of Digital Economy” in one day National Conference on Impact of Digital Economy on business – challenges & opportunities organised by Al-Ameen Arts, Science & Commerce College on 21 <sup>st</sup> November, 2017                       |
|  | 4. | Mrs. Vanaja V presented paper titled “Employee engagement and retention strategies” in national conference organized by SJBIT, Bangalore on 6 <sup>th</sup> April,2016.   |

## Faculty Profile

1. **Name** : **Dr. Loganathan R**
2. **Highest Qualifications** : **Ph.D**  
Computer Science & Engg
3. **Academic Performance** : **74.25%(MTech)**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | Bharathiar University    | TCE, Coimbatore                   |
| <b>M.Tech(CSE)</b> | VTU                      | MVJCE Bangalore                   |
| <b>Ph.D(CSE)</b>   | Sathyabama University    | Sathyabama University, Chennai    |

4. **Gender** : **Male**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                          | From     | To       | Institution / Industry            |
|--------------------------------------|----------|----------|-----------------------------------|
| Prof & HOD                           | Mar 2008 | --       | HKBK College of Engineering       |
| Prof & HOD                           | Jul 2007 | Mar 2008 | Sapthagiri College of Engineering |
| Asst. Prof.                          | Sep 2006 | Jul 2007 | HKBK College of Engineering       |
| Senior Lecturer<br>(Selection Grade) | Jun 2005 | Jul 2006 | HKBK College of Engineering       |
| Lecturer                             | Dec 1999 | May 2005 | HKBK College of Engineering       |
| Lecturer                             | Oct 1996 | Nov 1999 | MVJ College of Engineering        |
| Associate Lecturer                   | Jul 1995 | Oct 1996 | Tamil Nadu College of Engineering |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | <ul style="list-style-type: none"> <li>Published a paper titled, 'Securing Service Discovery from Denial of Service Attack in Mobile Ad Hoc Network (MANET)', International Journal of Computer Networks and Applications (IJCNA), Volume 8, Issue 5, 619–633, Oct 2021, DOI:10.22247/ijcna/2021/209992</li> </ul>              |
| <b>2020-21</b> | <ul style="list-style-type: none"> <li>Published a paper titled, 'Novel AODV based service discovery protocol for MANETS', Springer Wireless Networks, Volume 27, Issue 4, 2497–2508, May 2021, DOI:10.1007/s11276-021-02596-0</li> <li>Presented a paper titled, 'AutoLiv: Automated Liver Tumor Segmentation in CT</li> </ul> |

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|----------------|---|
|                | <p>Images', Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, Oct 2020, <a href="https://ieeexplore.ieee.org/document/9277076">https://ieeexplore.ieee.org/document/9277076</a>, DOI: 10.1109/icstcee49637.2020.9277076</p> <ul style="list-style-type: none"> <li>• Published a paper titled, 'Spatial Machines for Heterogeneous MRI Data—A Critical Review', Lecture Notes in Civil Engineering, Book Chapter, Oct 2020, DOI: 10.1007/978-981-15-5001-0_11.</li> <li>• Patent Publication, Principal Investigator, 'Car Indoor Air Pollution Monitoring and Controlling System', Application No.202041011747, Publication Date: 20/03/2020, The Patent Office Journal No. 12/2020, Page: 14833, <a href="http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4855_1/Part-1.pdf">http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4855_1/Part-1.pdf</a>.</li> <li>• Patent Publication, Co-Investigator, 'AutoLiv: Automated Liver Tumor Segmentation in CT Images', 202041055539, Publication Date : 01/01/2021, The Patent Office Journal No. 01/2021, Page: 242, <a href="https://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4939_1/Part-1.pdf">https://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4939_1/Part-1.pdf</a></li> </ul>   |
| <b>2019-20</b> | <ul style="list-style-type: none"> <li>• Published a paper titled, 'A Harmonized Dynamic Quality of Service Aware Data Replication Strategy in Cloud' in International Journal of Innovative Technology and Exploring Engineering, Vol-8, Issue-11, Sep-2019, 3521-3528, DOI: 10.35940/ijitee.K2481.0981119, ISSN 2278-3075</li> <li>• Published a paper titled, 'Human Facial Emotion Recognition using Adaptive Sigmoidal Transfer Function in MLP Neural Network' in International Journal of Engineering and Advanced Technology, Vol-9, Issue-1, Oct-2019, 4103-4113, DOI: 10.35940/ijeat.A1347.109119, ISSN: 2249 – 8958</li> <li>• Published a paper titled, 'AODV based Service Discovery Protocol with Two Hop Neighbour Information' in International Journal of Recent Technology and Engineering, Vol-8, Issue-4, Nov-2019, 4068-4072, DOI: 10.35940/ijrte.D8574.118419, ISSN: 2277-3878</li> <li>• Published a paper titled, 'Automated Allocation of Resources for Examination System Using Genetic Algorithm' in International Journal of Engineering and Advanced Technology, Vol-9, Issue-2, Dec-2019, 1052-1055, DOI: 10.35940/ijeat.B3510.129219, ISSN 2249-8958.</li> <li>• Presented a paper titled, 'AutoLiv: Automated Liver Tumor Segmentation in CT Images', Proceedings of the International Conference on Smart Technologies in Computing, Electrical and Electronics, Oct 2020, <a href="https://ieeexplore.ieee.org/document/9277076">https://ieeexplore.ieee.org/document/9277076</a>, DOI: 10.1109/icstcee49637.2020.9277076</li> <li>• Published a paper titled, 'Spatial Machines for Heterogeneous MRI Data—A Critical Review', Lecture Notes in Civil Engineering, Book Chapter, Oct 2020, DOI: 10.1007/978-981-15-5001-0_11.</li> </ul> |
| <b>2018-19</b> | <ul style="list-style-type: none"> <li>• Published a paper titled, 'A Survey Paper on Voice Mail' in Journal of Applied Science and Computations, Vol-5, Issue-12, Dec-2018, 682-684, ISSN: 1076-5131, DOI:16.10089.JASC.2018.V5I12.453459.1500183</li> <li>• Published a paper titled, 'A Survey on Solving Mental Health Problems Using Machine Learning' in Journal of Applied Science and Computations, Vol-5, Issue-12, Dec-2018, 52-55, ISSN: 1076-5131, DOI:16.10089.JASC.2018.V5I12.453459.150090</li> </ul>  |
| <b>2017-18</b> | <ul style="list-style-type: none"> <li>• Published a paper titled, 'PCA-Adaptive RBF Neural Network Hybridization for High Speed Face Recognition' in International Journal of Advanced in Management, Technology and Engineering Sciences, Vol-7, Issue-8, Sep-17, 36-45, ISSN 2249-7455</li> <li>• Published a paper titled, 'Survey on Sketch Based Image Retrieval' in International Journal for Scientific Research and Development, Vol-5, Issue-9, Nov-17, 506-508, ISSN(O): 2321-0613</li> </ul>  |

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|  | <ul style="list-style-type: none"> <li>• Published a paper titled, 'Survey on Techniques used to Measure Power and Energy Consumption' in International Journal for Scientific Research and Development, Vol-5, Issue-9, Nov-17, 506-508, ISSN(O): 2321-0613</li> <li>• Published a paper titled, 'Automation of Resource Allocation for the Conduction of Examination Using Genetic Algorithm' in HKBK International Journal of Engineering Science and Technology, Vol-1, Issue-2, 2017, 7-10</li> </ul> |
|--|--|

### 9. Courses Taught:

| S.No | Course Name                          |
|------|--------------------------------------|
| 1    | C Programming for Problem Solving    |
| 2    | Computer Organization                |
| 3    | Cloud Computing and its Applications |
| 4    | Software Engineering                 |
| 5    | Operating Systems                    |
| 6    | Object Oriented Concepts             |
| 7    | Computer Networks and Security       |
| 8    | Database Management System           |
| 9    | Unix Programming                     |
| 10   | System Modelling and Simulation      |
| 11   | Logic Design                         |
| 12   | Object Oriented Programming with C++ |
| 13   | Microprocessors                      |

*R. Loganathan*  
**Dr. Loganathan R**



## Faculty Profile

1. **Name** : **DR. D.LOGANATHAN**
2. **Highest Qualifications** : **Ph.D.,**  
Computer Science & Engg
3. **Academic Performance** : **74.5%(M.E)**



| Qualifications     | Board / IIT / University            | Institute and place where studied          |
|--------------------|-------------------------------------|--|
| <b>B.E., (ECE)</b> | University of Madras, Chennai       | Hindustan College of Engineering, Chennai. |
| <b>M.E., (CSE)</b> | Vinayaka Missions University, Salem | VMKV Engineering College, Salem            |
| <b>Ph.D.,(CSE)</b> | Anna University, Chennai            | Anna University, Chennai                   |

4. **Gender** : **Male**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                       | From       | To         | Institution / Industry  |
|-----------------------------------|------------|------------|---|
| Professor & Head in CSE           | 26.12.2017 | 22.01.2022 | SVS College of Engineering, Coimbatore, Tamilnadu.                  |
| Professor & Head in CSE           | 06.01.2016 | 30.11.2017 | MET'S School of Engineering, Mala, Thrissur, Kerala.                |
| Professor & Head in CSE           | 05.06.2012 | 05.01.2016 | Hindusthan Institute of Technology, Coimbatore, Tamilnadu.          |
| Associate Professor & Head in CSE | 01.09.2010 | 04.06.2012 |   |
| Asst. Professor & Head in CSE     | 01.07.2008 | 31.08.2010 |   |
| Asst. Professor & Head in CSE     | 02.10.2007 | 30.06.2008 | Nehru Institute of Engineering & Technology, Coimbatore, Tamilnadu. |
| Asst. Professor & Head in CSE     | 21.07.2006 | 06.10.2007 | Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala.      |
| Lecturer in ECE & CSE             | 01.07.1994 | 01.07.2004 | Sapthagiri College of Engineering, Dharmapuri, Tamil Nadu.          |

## 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | 1. G.Sreenithi, S.Mehaladevi, S.Sunmitha, Dr.D.Loganathan, 2021, Stock Value Prediction Using Long Short Term Memory (Deep Learning) , International Research Journal of Engineering and Technology, Vol 08, Issue: 03 , pp-2463-2465.  |
| 2020-21 | 2. Ms. S. Archana, Dr. D.Loganathan, 2020, “Block Chain Based Secure Access Control with Intrusion Detection Mechanism” International Journal for Science and Advance Research In Technology Vol 6 Issue 9, pp- 302-306.<br>3. Aliya CH, Dr.D.Loganathan, 2021, “Deep Learning Approach for Phishing Attacks” International Research Journal of Engineering and Technology, Vol 08, Issue 02, pp-1462-1465  |
| 2019-20 | 4. Manju Mohanan.M; Dr.Loganathan.D; Nisha.M, 2019, “C App - A Mobile App for Crime Report”, International Journal of Computer Science and Network, Vol 8, Issue 3, pp- 294-299<br>5. Nishiba Kabeer, Dr.Loganathan.D, Cowsalya.T 2019, “Prediction of Crop Yield Using Data Mining ”, International Journal of Computer Science and Network, Vol 8, Issue 3, pp- 300-304.  |
| 2018-19 | 6. Dr.D.Loganathan, Dr.D.Sivaganesan, T.Karthikeyan, 2018, “Performance Analysis Of Iot Based Water Irrigation Systems”, International Journal of Scientific Research and Review, Vol 7, Issue 10, pp.523-528.  |
| 2017-18 | 7. Arya Vijayakumaran Nair, Dr. D. Loganathan & Asha. S, 2017, “Enhancement in Image Mosaicing using Voronoi and Surf Algorithm” International Journal of Computer Science and Network, Volume 6, Issue 3, pp-313-319.<br>8. Renju Mohan, Sruthy M. S & Dr. D. Loganathan, 2017, “Edge Preserved and Segmented Image Denoising”, International Journal of Computer Science and Network, Volume 6, Issue 3, pp-320-324.<br>9. Anupama B.L, Sanaj M.S, Asha Paul & Dr. D. Loganathan, 2017, “A Novel Classifier for Gender Classification from Iris Code used for Recognition”, International Journal of Computer Science and Network, Volume 6, Issue 3, pp- 325-331.<br>10. Muneebahmdhyiddeen, Asha Paul, Bastian Babu& Dr. D. Loganathan, 2017, “Trustable and Secured Routing in Wireless Sensor Networks”, International Journal of Computer Science and Network, Volume 6, Issue 3, pp- 332-335. |

## 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1    | Wireless Networks and Communication |
| 2    | High Speed Networks                 |
| 3    | Advanced Computer Networks          |
| 4    | Distributed Systems                 |
| 5    | Cryptography and Networks Security  |
| 6    | Human Computer Interactions         |

**(Dr.D.LOGANATHAN)**

## Faculty Profile

1. **Name** : **DR Deepak N R**
2. **Highest Qualifications** : **Ph.D.**  
Computer Science & Engg
3. **Academic Performance** : **67%(M.Tech)**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | VTU                      | Don Bosco Institute of Technology |
| <b>M.Tech(CSE)</b> | VTU                      | AMC Engineering College           |
| <b>Ph.D(CSE)</b>   | VTU                      | VTU RRC                           |

4. **Gender** : **Male**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College pf Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation | From        | To                       | Institution / Industry      |
|-------------|-------------|--------------------------|-----------------------------|
| Professor   | 10 Dec 2020 | Till Date                | HKBK College of Engineering |
| Asst. Prof. | 8 Aug 2008  | 8 <sup>th</sup> Dec 2020 | City Engineering College    |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2020-21</b> | <ul style="list-style-type: none"> <li>A Survey Smart IoT based Home Security using Integrated System”, Research and Reviews: Advancement in Robotics, Journal article Open Access Volume 4 Issue 3, DOI: <a href="https://doi.org/10.5281/zenodo.5808551">https://doi.org/10.5281/zenodo.5808551</a></li> <li>The Smart Sailing Robot for Navigational Investigation is Used to Explore all the Details on the Zone of the Water Pura”, Indian Journal of Signal Processing (IJSP) ISSN: 2582-8320 (Online), Volume-1 Issue-4, Journal article Open Access,</li> <li>Smart City for Future: Design of Data Acquisition Method using Threshold Concept Technique, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958 (Online), Volume-11 Issue-1</li> </ul> |
| <b>2019-20</b> | <ul style="list-style-type: none"> <li>Swati Laxmeshwar; Deepak N.R “A Structured Validation Methodology on E-Health Case Study using Blockchain”, <i>International Journal of Grid and Distributed Computing</i>, 2005-4262 IJGDC, Volume 13, No 1, - 2020, July</li> <li>Swati Laxmeshwar; Deepak N.R, “An Efficient Authentication Scheme for Electronic Health Records based Block Chain”, International Journal of Innovative</li> </ul>   |

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|----------------|--|
|                | Science and Research Technology, 10.38124/IJISRT20JUN530, Volume 5 - 2020, Issue 6 – June 2020.  |
| <b>2018-19</b> | <ul style="list-style-type: none"> <li>Deepak N R. and Yogitha R “Diagnosis Of Liver Diseases Using Machine Learning”, JASC: Journal of Applied Science and Computation, ISSN NO: 1076-5131 Volume VI, Issue V, ISSN NO: 1076-5131 Page No:2870, May 2019.</li> </ul>  |
| <b>2017-18</b> | <ul style="list-style-type: none"> <li>Deepak N. R and S. Balaji. “A Novel Approach Towards Dynamic and Scalable Video Data Communication Using of DMA and C-of DMA Schemes Over Wireless 4g Networks”, Journal of Advanced Research in Dynamical &amp; Control Systems, Vol. 10, 12-Special Issue, 2018.</li> </ul> |

### 9. Courses Taught:

| S.No | Course Name          |
|------|----------------------|
| 1.   | C Programming        |
| 2.   | Phyton               |
| 3.   | Web Technology       |
| 4.   | Automata Theory      |
| 5.   | Operational Research |



**DR Deepak N R**

## Faculty Profile

1. **Name** : **Khallikkunaisa**
2. **Highest Qualifications** : **M.S, PGDBA**  
Computer Science & Engineering
3. **Academic Performance** : **75%**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | Mysore University        | SJMIT,Chitradurga                 |
| <b>M.Tech(CSE)</b> | BITS pilani University   | BITS,Pilani                       |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                    | From | To        | Institution / Industry                         |
|--------------------------------|------|-----------|--|
| Associate Professor            | 2014 | Till date | HKBK College of Engineering                    |
| Assistant Professor            | 2010 | 2014      | HKBK College of Engineering                    |
| Senior Lecturer                | 2004 | 2010      | HKBK College of Engineering                    |
| Lecturer and HOD, CSE and ISE  | 1999 | 2003      | HKBK College of Engineering                    |
| Head, Information science Dept | 1995 | 1999      | Mount Carmel Institute of Management,Bangalore |
| Head, Training and Development | 1991 | 1995      | MIMS Pvt Ltd                                   |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <p>1. Patent on AUTOMATON IN AGRICULTURE USING IOT AND MACHINE LEARNING-APP NO: 202141057303 DATE OF PUBLICATION: 17/12/2021</p> <p>2. Blockchain-Based Crowdfunding Platform for Disaster Relief and Effective Charity,<br/>International Journal of Scientific Research in Science and Technology Print ISSN: 2395-6011   Online ISSN: 2395-602X (www.ijrst.com) doi : <a href="https://doi.org/10.32628/IJSRST229225">https://doi.org/10.32628/IJSRST229225</a></p> |



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|----------------|--|
|                | 3. Intelligent Quality Monitoring System for Food Grain Storage Using IoT, International Journal of Scientific Research in Science, Engineering and Technology Print ISSN: 2395-1990   Online ISSN: 2394-4099 (www.ijrsrset.com) doi : <a href="https://doi.org/10.32628/IJSRSET229215">https://doi.org/10.32628/IJSRSET229215</a>             |
| <b>2020-21</b> | 1. SURVEY ON IOT BASED AUTOMATED CROWD MANAGEMENT IN BUS TRANSPORT SERVICES, Journal of Huazhong University of Science and Technology ISSN-1671-4512<br>2. A Survey on Machine Learning based State wise Forecast of Covid-19 cases using SEIR and Time Series Model, Journal of Huazhong University of Science and Technology ISSN-1671-4512, |
| <b>2019-20</b> | 1.Real Time Sign Language Recognition and Translation to Text for Vocally and Hearing-Impaired People, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Published by, www.ijert.org IETE – 2020 Conference Proceedings   |
| <b>2018-19</b> | 1. Smart Waste Management System Using IOT, JASC: Journal of Applied Science and Computations Volume V, Issue XII, December/2018 ISSN NO: 1076-5131  |
| <b>2017-18</b> | 1. Smartphone Controlled Drone (Smone), Perspectives in Communication, Embedded-Systems and Signal-Processing (PiCES) ISSN: 2566-932X, Vol. 3, Issue 1, April 2019<br>Proceedings of Knowledge Discovery in Information Technology and Communication Engineering (KITE-2018), 4th May 2018   |

### 9. Courses Taught:

| S.No | Course Name                                     |
|------|---|
| 1    | Design and Analysis of Algorithm                |
| 2    | C Programming for problem solving               |
| 3    | Object Oriented Modelling and Design            |
| 4    | Storage Area Network                            |
| 5    | Big Data Analytics                              |
| 6    | System Software and Compilers                   |
| 7    | Management and Entrepreneurship for IT Industry |
| 8    | Operating System                                |
| 9    | Data Structure and Algorithm                    |
| 10   | Computer Networks                               |
| 11   | Data Base Management System                     |
| 12   | Java Programming                                |
| 13   | Python for Beginners                            |
| 14   | Internet of Things                              |

**(Khallikkunaisa)**

## Faculty Profile

1. **Name** : **Dr. SHARADA K.A**
2. **Highest Qualifications** : **Ph.D. Computer Science & Engineering.**
3. **Academic Performance** : **84%**



| Qualifications | Board / IIT / University             | Institute and place where studied |
|----------------|--------------------------------------|-----------------------------------|
| B.E            | MYSORE UNIVERSITY                    | PESCE, MANDYA                     |
| M .Tech        | SHUATS, U.P,India ,( formerly AAIDU) | SHUATS, U.P                       |
| PhD            | JJT UNIVERSITY                       | JJT UNIVERSITY, JAIPUR            |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                                    | From       | To         | Institution / Industry                          |
|--|------------|------------|---|
| Associate Prof.                                | 15/10/2020 | Till date  | HKBK College of Engineering, Bengaluru-45       |
| Associate Prof.                                | 1/1/2018   | 14/10/2020 | East West Institute Of Technology, Bangalore-91 |
| Worked as Assistant, Senior Lecturer, Lecturer | 21/06/2006 | 31/12/2017 | East West Institute Of Technology, Bangalore-91 |
| HOD  | 1/5/2000   | 30/5/2006  | TES polytechnic, Bangalore                      |
| Trainee  | 1998       | 1/10/2000  | HMT Company                                     |

**8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | <p>1. A translator for Indian sign boards to English using tesseract and seq2seq model” online ,2021, vol 20(issue 5):pp. 7214-7219, Doi:10.17051/ilkonline.2021.05.813<br/>Journal name: Elementary Education Online-Scopus indexed Publication date:5/2021</p> <p>2. “Breast cancer Detection System using Deep Learning”, IJRASET, Vol 10, Issue III, March 2022, Doi-DOI : 10-22214, PAPER ID: ijraset41149</p> <p>3. “Survey on Detection of Chronic Kidney Disease Using Intelligent Retrieval”, IJRASET, VOL 10, ISSUE III, Doi-DOI : 10-22214.</p> <p>4. Patent- “AUTOMATION IN AGRICULTURE USING IOT AND MACHINE LEARNING”- App num-202141057303, Publication date/18/12/21</p> |
| 2020-21 | <p>1. “Smart Routine Planner using Artificial Neural Networks” , Design Engineering ,Vol 2021, Issue 07, journal name: Design Engineering.</p> <p>2. Patent-1) “Wild life intrusion detection system empowered with Artificial Intelligence”, Application No: 2021100064 Publication Date: 31/3/21, Spbi-0002447072 , Customber number:MNF6035060325</p>   |
| 2019-20 | <p>1. Patent-1:“Trespassers detection system for Agriculture fields using Methods thereof”( App no: 202041047576)</p> <p>2. patent 2: “ Alarm system for Swimming pool using Artificial Intelligence and Methods thereof“ App no: 202041052006</p>   |

**9. Courses Taught:**

| S.No | Course Name  |
|------|--|
| 1    | Internet of things(18CS81)                           |
| 2    | Artificial Intelligence and Machine learning(18CS71) |
| 3    | Cloud Computing                                      |
| 4    | Unix shell Programming(18cs56)                       |
| 5    | Unix System programming                              |
| 6    | Data Communication(18cs46)                           |

**(Dr. SHARADA K A)**

## Faculty Profile

1. **Name** : Dr. C.Viji
2. **Highest Qualifications** : Ph.D.  
Computer Science & Engg
3. **Academic Performance** : **87%(M.E)**



| Qualifications    | Board / IIT / University | Institute and place where studied                     |
|-------------------|--------------------------|---|
| <b>B.E. (ECE)</b> | Anna University          | Sri Krishna College of Engg & Tech                    |
| <b>M.E.(CSE)</b>  | Anna University          | Periyar Maniammai College of Engineering & Technology |
| <b>Ph.D.(CSE)</b> | Anna University          | Anna University, Chennai.                             |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From                      | To                         | Institution / Industry                                     |
|---------------------|---------------------------|----------------------------|--|
| Associate Professor | 3 <sup>rd</sup> June 2019 | 31 <sup>st</sup> July 2021 | Akshaya College of Engineering and Technology, Coimbatore. |
| Assistant Professor | 9 <sup>th</sup> July 2010 | 1 <sup>st</sup> June 2019  | SVS College of Engineering, Coimbatore.                    |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | <p><b>Conference:</b></p> <ol style="list-style-type: none"> <li>Viji C, “Crop processing for supply chain management from agricultural fields using blockchain technology” , Annual International Conference on Data Science Machine Learning and Blockchain Technology-2022 (AICDMB) on February 17th, 2:00 PM to 3:30 PM.</li> <li>Viji C, “Women Safety &amp; Tracking Management System Using Geo-Fencing” Annual International Conference on Data Science Machine Learning and Blockchain Technology-2022 (AICDMB) on February 16<sup>th</sup> 2022.</li> </ol> <p><b>Books Chapter Published:</b><br/>Recent Advances in Mathematical Research and Computer Science on <b>03.02.22</b></p> |
| <b>2020-21</b> | <p><b>Journal:</b></p> <ol style="list-style-type: none"> <li><b>C Viji</b>, N Rajkumar, S T Suganthi, K Venkatachalam, Sanjeevi Pandiyan, “An improved approach for automatic spine canal segmentation using probabilistic boosting tree (PBT) with fuzzy support vector machine,” <i>Journal of Ambient Intelligence and Humanized Computing</i>, July 2020.-<b>SCI Indexing</b></li> </ol>   |

|                |  |
|----------------|--|
|                | <p>2. <b>Viji C</b> (March 2020), “Efficient Fuzzy based K-Nearest Neighbour Technique for Web Services Classification” Microprocessors and Microsystems. <b>SCI Indexing.</b></p> <p><b>Conference:</b></p> <ol style="list-style-type: none"> <li>1.Viji C, Smart Walking Assist for Vision Impaired People , The 3rd National Conference on Futuristic Trends in Computer Science and Information Technology” on 16th August 2021 organized by the Department of Computer Science and Engineering, HKBK College of Engineering.</li> <li>2. Viji C, Automated Plant Species Grading and Identification Using Deep Learning, The 3rd National Conference on Futuristic Trends in Computer Science and Information Technology” on 16th August 2021 organized by the Department of Computer Science and Engineering, HKBK College of Engineering .</li> </ol> <p>Patents Published:</p> <ul style="list-style-type: none"> <li>• Title of Invention: IOT BASED SMART BIN MONITORING SYSTEM FOR SMART CITIES, Application No.<b>202141042729 A, 5.11.2021.</b></li> </ul>   |
| <b>2019-20</b> | <p><b>Journal:</b></p> <ol style="list-style-type: none"> <li>1. Rajkumar N, <b>Viji C</b> (June 2019), “An Efficient Software Fault Prediction Scheme to Assure Qualified Software Implementation using Improved Classification Methods,” <i>International Journal of Innovative Technology and Exploring Engineering</i>, Volume-8, Issue-8S, pp 1-6,</li> </ol> <p><b>Conference:</b></p> <ol style="list-style-type: none"> <li>1. Dr. C. Viji, Dr.N.Suguna, 2019, “Grid Partitioning For Anomaly Detection (Gpad) In High Density Distributed Environment For Mining Techniques”, Online International Conference on Innovation inElectrical, Electronics, and Intelligent Computing, Society for Engineering Education Enrichment Association (SEEE) Coimbatore.</li> <li>2. Viji C 2019, “An Efficient Software Fault Prediction Scheme To Assure Qualified Software Implementation Using Improved Classification Methods”, National Conference on Emerging Trends in Electronics, Instrumentation Automation and Control, Karpagam College of Engg, Coimbatore</li> <li>3. Viji C 2019, “Strategies for counter measures to reduce attacks and project automobile systems”, National Conference on Advances in Computing Technologies, Hindusthan Institute of Technology, Coimbatore.</li> <li>4. Viji C 2019, “Smart vehicle assist for vision impaired people”, National Conference on Advances in Computing Technologies, Hindusthan Institute of Technology, Coimbatore.</li> </ol> <p>Patents Published:</p> <p>Title of Invention: Computer Based System and Method For Customer Desired OutcomesPatent No. : <b>202041001192 ,2019</b></p> |



|                |  |
|----------------|--|
|                |  |
| <b>2018-19</b> | <p><b>Journal:</b></p> <ol style="list-style-type: none"> <li>1. <b>Viji C</b>, N.Rajkumar, S.Duraisamy (2018), “Maintaining Software Requirements Using Frequent Path Mining And Clustering Algorithm For Web Usage Data” in Journal of Web Engineering, Vol. 17, No.6, pp. 2683-2692. (<b>Impact factor 0.59</b>)</li> <li>2. <b>Viji C</b>, N.Rajkumar, S.Duraisamy (2018), “Prediction of software fault-prone classes using an unsupervised hybrid SOM algorithm” Cluster Computing (SPRINGER), Vol. 20, pp 1–11 (<b>Impact factor 1.601</b>)- <b>SCI Indexing</b></li> <li>3. Rajkumar N and <b>Viji C</b> and Duraisamy(2018), “An empirical approach for complexity reduction and fault prediction for software quality attribute”, International Journal of Business Intelligence and Data Mining, vol=13, no1-3,pp.177—187(<b>Impact factor 0.76</b>)</li> <li>4. <b>Viji C</b> (2018), “A Novel Approach for Cohesion Measurement to Improve the Quality of Object Oriented System” in International Journal of Management, Technology And Engineering, Volume 8, Issue X, October 2018.</li> </ol> |
| <b>2017-18</b> | <p><b>Journal:</b></p> <ol style="list-style-type: none"> <li>1. <b>Viji C</b>, Rajkumar N, Venkatesh V (2017) “Hybrid Approach for Fault Prediction in Object-Oriented Systems”, International Journal of Control Theory and Applications, vol 10. Issue 1,pp. 39-45.</li> </ol>  |

### 9. Courses Taught:

| S.No | Course Name                          |
|------|--------------------------------------|
| 1.   | Computer Networks                    |
| 2.   | Data Base Management Systems         |
| 3.   | Software Engineering                 |
| 4.   | Object Oriented Analysis and Design  |
| 5.   | Computer Architecture                |
| 6.   | Fundamentals of Data Structures In C |
| 7.   | Object Oriented Programming          |
| 8.   | Cryptography and Network Security    |
| 9.   | Software Testing                     |



( Dr.C.Viji)

## Faculty Profile

1. **Name** : **Dr. M.RAMKUMAR**
2. **Highest Qualifications** : **Ph.D**  
Computer Science & Engg
3. **Academic Performance** : **75%**



| Qualifications     | Board / IIT / University                                  | Institute and place where studied            |
|--------------------|---|--|
| <b>B.E (CSE)</b>   | Anna University   | Sona College of Technology, Salem            |
| <b>M.Tech(CSE)</b> | Anna University   | Kumaraguru College of Technology, Coimbatore |
| <b>Ph.D(CSE)</b>   | Sri Satya Sai University of Technology & Medical Sciences | Madhya Pradesh, Bhopal                       |

4. **Gender** : **Male**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From      | To         | Institution                       |
|---------------------|-----------|------------|-----------------------------------|
| Associate Professor | 2.8.2021  | Till       | HKBK College of Engineering       |
| Assistant Professor | 6.5.2019  | 30.06.2021 | Gnanamani College of Technology   |
| Assistant Professor | 10.6.2013 | 30.4.2019  | Knowledge Institute of Technology |
| Assistant Professor | 7.6.2010  | 31.5.2013  | Muthayammal Engineering College   |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | 1) BioMed Research International Journal –Hindawi, Healthcare Biclustering-Based Prediction on Gene Expression Dataset,<br>2) International Conference – AICDMB – Crop Processing for Supply Chain Management – VVCE, Mysuru , 16.2.2022<br>3) ICTACT Journal On Soft Computing - Gene Biclustering On Large Datasets Using Fuzzy C-Means Clustering<br>4) National patent - Diagnosis and Management of COVID-19 using Artificial Intelligence |

|                |   |
|----------------|---|
| <b>2020-21</b> | 1) International Journal on Materials Today: Proceedings, Design of autonomous production using deep neural network for complex job   |
| <b>2019-20</b> | 1) International Journal of Recent Technology and Engineering, A Gene Expression Data Biclustering Algorithm Using Large Average Submatrix Based Fcm Classification<br>2) Journal of Advanced Research in Dynamical Control Systems - Gene Expression Data Using Greedy Algorithm Based ANFIS System<br>3) National patent - Breast Cancer Prediction System And Method for Early Detection |
| <b>2018-19</b> | 1) Advances in Engineering Research AER, The welfare of women safety based on IOT   |
| <b>2017-18</b> | 1) Journal of Advanced Research and Dynamic Control Systems , Review On Cost Optimization And Dynamic Replication Methodologies In Cloud Data Centers   |

### 9. Courses Taught:

| <b>S.No</b> | <b>Course Name</b>    |
|-------------|-----------------------|
| 1           | Operating Systems     |
| 2           | Compiler Design       |
| 3           | Python Programming    |
| 4           | C Programming         |
| 5           | Cloud Computing       |
| 6           | Computer Architecture |

  
(M.RAMKUMAR)

## Faculty Profile

1. **Name** : Rezni.S
2. **Highest Qualifications** : M.E  
Computer Science & Engg
3. **Academic Performance** : 84%(M.E)



| Qualifications     | Board / IIT / University     | Institute and place where studied                |
|--------------------|------------------------------|--|
| <b>B.E (CSE)</b>   | Vinayaka Missions University | VMKV Engineering College                         |
| <b>M.Tech(CSE)</b> | Anna University              | Hindusthan College of Engineering and Technology |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation | From       | To         | Institution / Industry             |
|-------------|------------|------------|------------------------------------|
| Asst.Prof   | 9/4/2021   | 25/8/2021  | KL University, Vijayawada          |
| Asst.Prof   | 12/10/2020 | 31/03/2021 | IHRD CAS, Kottayi, Palakkad        |
| Asst.Prof   | 1/6/2017   | 31/3/2020  | IHRD CAS, Vadakkencherry, Palakkad |
| Asst.Prof   | 1/6/2015   | 31/3/2017  | IHRD CAS, Ayalur, Palakkad         |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Journal - Smart Health Consulting System Using Machine Learning, International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Volume 9, Issue 2, March-April-2022. |

### 9. Courses Taught:

| S.No | Course Name               |
|------|---------------------------|
| 1    | Computer Networks         |
| 2    | Software Engineering      |
| 3.   | Operating System Concepts |

|   |  |
|---|--|
| 4 | Big Data Concepts                      |
| 5 | Database Management System             |
| 6 | Data Mining and Warehousing            |
| 7 | Problem Solving Through Programming    |
| 8 | Computer Architecture and Organization |



Rezni.S

## Faculty Profile

1. **Name** : **S.Sarumathi**
2. **Highest Qualifications** : **M.Tech**  
Information Technology
3. **Academic Performance** : **87.6%(M.Tech)**



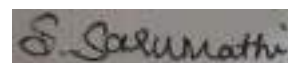
| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | MK University            | SSCE college of engineering       |
| <b>M.Tech(CSE)</b> | Hindustan University     | Hindustan Institute of Technology |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                 | From     | To        | Institution / Industry     |
|-----------------------------|----------|-----------|----------------------------|
| Assistant Professor         | May2011  | June 2015 | GKM college of Engineering |
| Technical Support Executive | Apr 2005 | Dec 2008  | Sutherland Technologies    |

### 8. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1.   | Database Management System          |
| 2.   | Information Security                |
| 3.   | Data Communication                  |
| 4.   | Computer Networks                   |
| 5.   | Problem Solving Through Programming |
| 6.   | Storage Area Networks               |

  
 (S.SARUMATHI)



## Faculty Profile

1. **Name** : Sharon M
2. **Highest Qualifications** : M.Tech  
Computer Science &  
Engineering
3. **Academic Performance** : 9.56 CGPA



| Qualifications | Board / IIT / University | Institute and place where studied      |
|----------------|--------------------------|--|
| B.E (CSE)      | VTU                      | RYMEC College of Engineering           |
| M.Tech(CSE)    | VTU                      | Dayananda Sagar College of Engineering |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation        | From       | To        | Institution / Industry                              |
|--------------------|------------|-----------|---|
| Software Developer | April 2019 | June 2021 | Ethnus Consultancy Pvt Ltd(Codemithra)<br>Bangalore |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | 1. Title: Crop Processing For Supply Chain Management from agricultural Fields using blockchain technology DST SERB Sponsored Third Annual International Conference on Data Science, Machine Learning and Blockchain Tecnology Feb16-17 2022  |
| 2018-19 | 1. Title:Automatic Feature Extraction of Buildings from Aerial Images Using Object Recognition Technique<br>IEEE 2 <sup>nd</sup> International Conference on Recent Trends in Electronics, Information and Communication Technology at SVCE Bangalore<br>2. Title: Face Recognition Using Particle Swarm Optimization Techniques Based On Relative Selected Features<br>IEEE 2 <sup>nd</sup> International Conference on Recent Trends in Electronics, Information and Communication Technology at SVCE Bangalore |
| 2018-19 | 1. Title: Multi-Object Tracking based on Kalman Filter by Using Multi-Feature Appearance Model<br>IEEE ICIRCA International Conference on Inventive Research in Computing Applications at Coimbatore.   |
| 2018-19 | 1. Title: Moving Object Tracking from a video by using Gray level Co-occurrence Matrix<br>JCINS Journal of Computer, Internet and Network Security, 2018.Volume 3 Issue 2   |

|                |  |
|----------------|--|
|                | ISSN No:2457-0176.   |
| <b>2017-18</b> | <b>1. Title: A Survey On Security Features Based On Some Interaction And Their Respective Co-operations In Handheld Devices For Communication</b><br>ICOWT International Conference on Wearable Technologies 2017 organized by IFERP at DSU Campus, Bangalore. |
| <b>2016-17</b> | 1.Title: Touch Screen Based on Nurse/Attainder Calling System for Physically Impaired<br>IJJATTMAS International Journal Of Advanced Trends in Technnology, Management & Applied Science in 2016   |

#### 9. Courses Taught:

| S.No     | Course Name                    |
|----------|--------------------------------|
| <b>1</b> | Unix Programming               |
| <b>2</b> | Python Application Programming |
| <b>3</b> | DBMS Lab                       |



**SHARON M**

## Faculty Profile

1. **Name** : **BIBI AMEENA**
2. **Highest Qualifications** : **M.Tech**  
Computer Science & Engg
3. **Academic Performance** : **71%**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | VTU                      | SIET, TUMKUR                      |
| <b>M.Tech(CSE)</b> | VTU                      | AcIT, BLORE                       |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From | To        | Institution / Industry                   |
|---------------------|------|-----------|--|
| Assistant Professor | 2021 | Till Date | HKBKCE, B,lore                           |
| Assistant Professor | 2017 | 2021      | Cambridge Institute Of Technology, Blore |
| Lecturer            | 2015 | 2017      | MES Polytechnic, Madhugiri               |

### 8. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1.   | DAA                                 |
| 2    | Information And Network Security    |
| 3    | Computer Organization               |
| 4    | Computer Graphics And Visualization |
| 5    | Database Management Studies         |
| 6    | ATC                                 |
| 7    | User Interface Design               |
| 8    | Bigdata Analytics                   |

**(BIBI AMEENA)**

## Faculty Profile

1. **Name** : **Prof. Mary Stella. J**
2. **Highest Qualifications** : **MTech**  
Computer Science & Engg
3. **Academic Performance** : **83.3%(MTech)**



| Qualifications     | Board / IIT / University | Institute and place where studied                      |
|--------------------|--------------------------|--|
| <b>M.Tech(CSE)</b> | VTU                      | Cambridge Institute of Technology, KR Puram, Bangalore |
| <b>B.E (CSE)</b>   | Madras University        | Priyadarshini Engineering College,TN                   |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From     | To       | Institution / Industry                           |
|---------------------|----------|----------|--|
| Assistant Professor | Jul 2010 | Nov 2011 | New Horizon College of Engineering, Bangalore    |
| Lecturer            | Jun 2001 | Jan 2004 | Priyadarshini Engineering College,Vaniyambadi.TN |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | Mary Stella. J, Attendance and Performance Monitoring using ML, International Journal, IJRASET, Volume 10, Issue III, March 2022.                                   |
|                | Mary Stella. J, Women Safety & Tracking Management system using Geo-fencing, International Conference, Vidyavardhaka College of Engineering, February,16,2022.      |
| <b>2020-21</b> |   |
| <b>2019-20</b> | Mary Stella. J, Prediction and comparison using AdaBoost and ML algorithms with Autistic children dataset, International Journal, IJERT volume9, Issue 7, July 2020 |
| <b>2018-19</b> | Mary Stella. J, Enhancement using AdaBoost Algorithm in ML to predict ASD in Children, International Journal, IJSRET, volume 6, Issue 2, March 2020                 |

### 9. Courses Taught:

| S.No      | Course Name           |
|-----------|-----------------------|
| <b>1.</b> | Computer Organization |

|    |                                      |
|----|--------------------------------------|
| 2. | Application Development using Python |
| 3. | Object oriented concepts             |
| 4  | Bigdata Analytics                    |
| 5  | Logic Design                         |
| 6  | Data Communication                   |



**(Mary Stella. J)**

## Faculty Profile

1. **Name** : **Aarthy G**

2. **Highest Qualifications** : **M.Tech**  
CEN

3. **Academic Performance** : **7 CGPA**



| Qualifications     | Board / IIT / University   | Institute and place where studied |
|--------------------|----------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | Anna University            | Anna University                   |
| <b>M.Tech(CSE)</b> | Amrita Vishwa Vidyapeetham | Amrita Vishwa Vidyapeetham        |

4. **Gender** : **Female**

5. **Present Status** : **Assistant Professor**

6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

7. **Experience (Starting from the latest to the earliest)**

| Designation         | From        | To         | Institution / Industry      |
|---------------------|-------------|------------|-----------------------------|
| Assistant Professor | 23.07.2021  | ----       | HKBK College of Engineering |
| Assistant Professor | 0.1.08.2013 | 21.07.2017 | Sona College of Technology  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | 1. Aarthy G, Automated Block Classification using Pattern Matching, Conference, Feb 16-17, 2022<br>2. Aarthy G, Text Sentiment Analysis For Intelligent Transportation Systems By Using Web-Based Traffic Data: A Descriptive Study, DOI:10.9734/bpi/ramrcs/v/10/3526E, In book: Recent Advances in Mathematical Research and Computer Science (pp.11), Publisher: BP International |

### 9. Courses Taught:

| S.No     | Course Name                         |
|----------|-------------------------------------|
| <b>1</b> | Unix Shell Programming              |
| <b>2</b> | Network Management                  |
| <b>3</b> | SAN                                 |
| <b>4</b> | System Software and Compiler Design |



|   |                   |
|---|-------------------|
| 5 | Java Programming  |
| 6 | OOSD              |
| 7 | HCI               |
| 8 | Computer Networks |
| 9 | Applied Networks  |



Aarthy G

## Faculty Profile

1. **Name** : **Ms. Ayesha Anjum**
2. **Highest Qualifications** : **M.Tech**  
Digital Electronics and Communication
3. **Academic Performance** : **CGPA 9.0 Rank 1 in VTU M.Tech**



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ECE)      | VTU                      | Atria University                  |
| M.Tech(LEC)    | VTU                      | Atria University                  |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

### 7. Experience (Starting from the latest to the earliest)

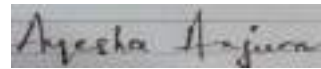
| Designation              | From | To      | Institution / Industry          |
|--------------------------|------|---------|---------------------------------|
| Assistant Professor      | 2021 | Present | HKBK College of Engineering     |
| Computer Science Faculty | 2020 | 2021    | Vidyanjali Academy for Learning |
| Technical Trainer        | 2018 | 2019    | Jetking-MIMS                    |
| Networking Trainee       | 2017 | 2017    | Milestone Technologies          |
| Intern-Embedded System   | 2016 | 2016    | Inventeron Technologies LLP     |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | “Game-Based Proactive Learning with Augmented Reality(AR) “,International Journal of Scientific Research in Science and Technology, Volume 9, Issue 2, 5th March 2021  |
| 2018-19 | “PROFICIENT RESOURCE ALLOCATION FOR MC-NOMA”, IJCRT   Volume 6, Issue 2 April 2018   |
| 2017-18 | “Dynamic Vehicle to Vehicular Information Management System Using Network Simulator”,International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 7, Issue 1, January 2018 |

### 9. Courses Taught:

| S.No | Course Name                                  |
|------|--|
| 1.   | Computer Hardware                            |
| 2.   | Operating System-Windows, basics of Linux    |
| 3.   | Networking-CPT                               |
| 4.   | Windows Server 2016                          |
| 5.   | Python, HTML                                 |
| 6.   | Analog and Digital Electronics, Cryptography |



(AYESHA ANJUM)

## Faculty Profile

1. **Name** : **Prof. Jenita J**
2. **Highest Qualifications** : **M Tech – VLSI**  
Electronics and  
Communication  
Engineering
3. **Academic Performance** : **80%(MTech)**



| Qualifications      | Board / IIT / University | Institute and place where studied               |
|---------------------|--------------------------|---|
| <b>B.E (ECE)</b>    | Anna University          | Sri Ramakrishna Engineering College, Coimbatore |
| <b>M.Tech(VLSI)</b> | Karunya University       | Karunya University, Coimbatore                  |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant Professor | 28-01-2019 | Till Date | HKBK College of Engineering |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | 1. Automated Blog Classification Using Pattern Matching, Conference, Feb 16-17, 2022<br>2. Cloud Privacy Protection using block Chain : A Comparative Analysis, International Journal of Scientific Research in Science, Engineering and Technology<br>3. A survey on Smart Parking System using IoT, National Conference |
| <b>2020-21</b> | Safety Control and Bike Analyzer Helmet System  |

### 9. Courses Taught:

| S.No | Course Name                          |
|------|--------------------------------------|
| 1.   | Signals and Systems                  |
| 2.   | Analog and Digital Electronics       |
| 3.   | Microcontroller and Embedded Systems |
| 4.   | Internet of Things                   |
| 5.   | Computer Networks and Security       |

**Prof. Jenita J**

## Faculty Profile

1. **Name** : K.Sangeetha Supriya
2. **Highest Qualifications** : M.Tech
3. **Academic Performance** : 74.5%(MTech)



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (CSE)      | JNTUA                    | SVCE -Tirupati                    |
| M.Tech(IT)     | JNTUH                    | HITS-Hyderabad                    |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution                          |
|---------------------|------------|-----------|--------------------------------------|
| Assistant professor | 22-07-2019 | Till date | HKBK College of Engineering          |
| Asst.professor      | July-2018  | Dec-2018  | Global Institute of Technology       |
| Asst.professor      | July-2016  | Dec-2016  | Mallareddy Engineering College       |
| Asst.professor      | June-2014  | May-2015  | CMR Engineering College              |
| Asst.professor      | June-2012  | Nov-2013  | Annamacharya Institute of Technology |
| Asst.professor      | July-2007  | Oct-2010  | BVRaju Institute of Technology       |
| Asst.professor      | July-2003  | May-2007  | AVSCollege of Engineering            |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2020-21 | 1. "Identifying and detecting black hole and gray hole attack in MANET using gray wolf optimization" Int Journal of Commun Syst. 2020;e4610.<br><a href="https://doi.org/10.1002/dac.4610(scopus)">https://doi.org/10.1002/dac.4610(scopus)</a> |
|         | 2. "A Survey on Face Emotion Detection Mechanism with Interaction" ISJCRESM Vol. 5 No. 2 (2020): Volume 5 Issue 2 June-Aug 2020   |
|         | 1. "Link Availability Based Routing Protocol for Mobile Ad-Hoc Networks based on  |

|                |  |
|----------------|--|
| <b>2019-20</b> | Link Life Time Prediction “, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019  |
|                | 2. “A Novel Scheme for Energy Conservation and reduction in Routing Overhead of AODV for Wireless Ad-Hoc Networks, International Journal of Advanced Science and Technology, Vol. 29, No. 03, (2020), pp. 5281-52879 |

### 9. Courses Taught:

| <b>S.No</b> | <b>Course Name</b>                    |
|-------------|---------------------------------------|
| 1.          | Computer Networks and Security        |
| 2.          | Operating systems                     |
| 3.          | Cloud computing and It's Applications |
| 4.          | Internet of Things                    |
| 5.          | User Interface Design                 |
| 6.          | Computer Programming through C        |
| 7.          | OOPs Through C++                      |
| 8.          | Advanced Data Structures              |
| 9.          | Software Project Management           |
| 10.         | Software Testing Methodologies        |
| 11.         | Information Security                  |
| 12.         | Software Engineering                  |



K.Sangeetha Supriya



## Faculty Profile

1. **Name** : **Prof.Pushpa**
2. **Highest Qualifications** : **M.Tech in Computer science and Engn**
3. **Academic Performance** : **73%(MTech)**



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (CSE)      | VTU                      | BIET DAVANAGERE                   |
| M.Tech(CSE)    | VTU                      | UBDT DAVANAGERE                   |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                         |
|---------------------|------------|------------|--|
| Assistant Professor | 05-09-2019 | Till date  | HKBK College of Engineering Bengaluru          |
| Assistant Professor | 03-02-2010 | 02-12-2010 | Rajiv Gandhi Institute of Technology Bengaluru |
| Lecturer            | 01-02-2008 | 04-06-2009 | Bapuji Institute of Technology,Davanagere      |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | 1.ICTACT Journal on Soft computing,GENE Biclustering on large datasets using fuzzy c-means clustering@ijsc.2022.0359 jan 2022,<br>2. Automated Blog Classification using pattern matching In International conference<br>3 AI based covid 19 spread prediction published on 3/12/2021 With application number 2021141049570<br>4.IJRASET,Water motor quality management using Wifi and Blynk App,with Paper ID IJRASET41175 Volume 10, April 2022 |
| 2020-21 | 1.HBRP, Crop yield prediction based on Indian agriculture using ML @IJEAST at 2021,<br>2.IJRAR,Energy saving Hierarchial Routing Protocol in WSN@2021 IJRAR   |

### 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1    | Operating systems                   |
| 2    | Unix system programming             |
| 3    | Object oriented analysis and design |
| 4    | Software engineering                |
| 5    | Computer networks                   |
| 6    | Computer graphics and visualization |



**PUSHPA**

## Faculty Profile

1. **Name** : **Simran Pal R**
2. **Highest Qualifications** : **MTech**  
Computer Science & Engg
3. **Academic Performance** : **8.75 CGPA(MTech)**



| Qualifications     | Board / IIT / University | Institute and place where studied          |
|--------------------|--------------------------|--|
| <b>B.E (CSE)</b>   | VTU UNIVERSITY           | GSSSIETW, Mysore                           |
| <b>M.Tech(CSE)</b> | VTU UNIVERSITY           | Dayananda Sagar College of Eng., Bangalore |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest): 1.9 years (IT)**

| Designation  | From | To   | Institution / Industry |
|--------------|------|------|------------------------|
| Test Analyst | 2019 | 2021 | Dendrite IT Solutions  |

### 8. Courses Taught:

| S.No | Course Name                       |
|------|-----------------------------------|
| 1.   | Automata Theory and Computability |
| 2.   | Software Engineering              |

**Simran Pal**

## Faculty Profile

1. **Name** : **MS. Smitha Kurian**
2. **Highest Qualifications** : **M. Tech (PhD)**  
Computer Science & Engg
3. **Academic Performance** : **75%(MTech)**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | Kuvempu University       | SJMIT, Chitradurga                |
| <b>M.Tech(CSE)</b> | VTU                      | SJCIT, Chickballapur              |
| <b>Ph.D(CSE)</b>   | VTU                      | RC, Dept of CSE, HKBKCE,          |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry              |
|---------------------|------------|------------|-------------------------------------|
| Assistant Professor | 15-12-2021 | Till Date  | HKBKCE                              |
| Assistant Professor | 24-08-2005 | 28-08-2020 | HKBKCE                              |
| Lecturer            | 07.06.2004 | 31.03.2005 | Jyoti Composite College, B'luru     |
| SSR                 | 20.05.2002 | 31.08.2003 | DELL International Services, B'luru |

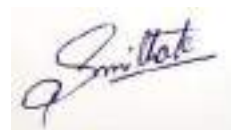
### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1. Smitha Kurian, Mohammed Aman Khan, Hema Priya P, Manavpreet Singh, Lobsang Norbu, A Survey Towards Labor-saving the Corporate Recruitment, International Journal for Research in Applied Science & Engineering Technology (IJRASET) <b>10</b> (3), Mar 2022, Pages 2265-2268, <a href="https://doi.org/10.22214/ijraset.2022.41064">https://doi.org/10.22214/ijraset.2022.41064</a> |
|                | 1. Smitha Kurian, Mohammed Ameen A, Mirza Omar Baig, Lakshan S, Kushal H, Survey on Voice Assistance for Laptop, International Journal of Scientific Research in Science and Technology, 9(2), March-April 2022, Pages- 199-202, doi : <a href="https://doi.org/10.32628/IJSRST229237">https://doi.org/10.32628/IJSRST229237</a>   |
| <b>2020-21</b> | 1. Smitha Kurian, Loganathan Ramasamy, "Securing Service Discovery from Denial of Service Attack in Mobile Ad Hoc Network (MANET)", International Journal of Computer Networks and Applications (IJCNA), 8(5), PP: 619-633, 2021, DOI: 10.22247/ijcna/2021/209992 .  |

|                |  |
|----------------|--|
|                | 2. Kurian, Smitha, Ramasamy, Loganathan. Novel AODV based service discovery protocol for MANETS. Wireless Netw (2021). <a href="https://doi.org/10.1007/s11276-021-02596-0">https://doi.org/10.1007/s11276-021-02596-0</a> . Publisher Springer Nature   |
| <b>2019-20</b> | 1. Muhammad Luqman, Smitha Kurian, Mohamed Fariduddeen, Mohammed Talib, Topic Oriented Web-based Learning Diary, International Scientific Journal of Contemporary Research in Engineering Science and Management 5(2), pages 206-210, August 2020<br>2. Smitha Kurian, Loganathan R., AODV based Service Discovery Protocol with Two Hop Neighbor Information, International Journal of Recent Technology and Engineering (IJRTE), Nov, 2019<br>3. Loganathan R, Smitha Kurian, Automated Allocation of Resources for Examination System Using Genetic Algorithm, International Journal of Engineering and Advanced Technology (IJEAT), December 2019<br>4. Smitha Kurian, Aafrin M Ashraf, Ayesha Jaweriya, Bharat Rainam, Human Personality Prediction through Handwriting Analysis, International Scientific Journal of Contemporary Research in Engineering Science and Management 4(2), Pages 1-7, Aug 2019 |
| <b>2018-19</b> | 1. Smitha Kurian, Bibek Gautam, Farhan ahmed, Ganesh chaulagain, Manjunath Y, A Survey on Security by Encryption of Data and Efficient Data Retrieval over Cloud, JASC Nov 2018  |

### 9. Courses Taught:

| S.No | Course Name                        |
|------|------------------------------------|
| 1.   | Data Structures and Applications   |
| 2.   | Design and Analysis of Algorithms  |
| 3.   | Compiler Design                    |
| 4.   | C Programming with Problem Solving |
| 5.   | Machine Learning                   |
| 6.   | Operating System                   |



**Smitha Kurian**

## Faculty Profile

1. **Name** : Swathy M Sony
2. **Highest Qualifications** : M.Tech  
Computer Science & Engg
3. **Academic Performance** : **8.6 CGPA(MTech)**



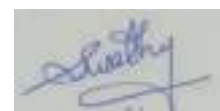
| Qualifications | Board / IIT / University | Institute and place where studied     |
|----------------|--------------------------|---------------------------------------|
| B.E (CSE)      | Calicut                  | Vidya Academy of Science & Technology |
| M.Tech(CSE)    | Calicut                  | Jyothi Engineering College            |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation      | From      | To        | Institution / Industry |
|------------------|-----------|-----------|------------------------|
| Software Trainee | 20-5-2017 | 30-5-2019 | Actnowledge            |

### 8. Courses Taught:

| S.No | Course Name                                  |
|------|--|
| 1.   | Artificial Intelligence and Machine Learning |
| 2.   | Software engineering                         |



Swathy M Sony



## Faculty Profile

1. **Name** : **Tahir Naquash H B**
2. **Highest Qualifications** : **M.Tech.**  
Computer Science & Engg
3. **Academic Performance** : **72%(MTech)**



| Qualifications      | Board / IIT / University                       | Institute and place where studied                             |
|---------------------|--|---|
| <b>B.E (ISE)</b>    | Visvesvaraya Technological University, Belgaum | Adichunchanagiri Institute of Technology, Chikmagalur -577102 |
| <b>M.Tech (CSE)</b> | Visvesvaraya Technological University, Belgaum | Malnad College of Engineering, Hassan- 573201                 |

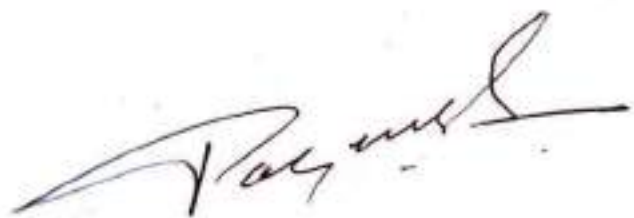
4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From     | To       | Institution / Industry                                    |
|---------------------|----------|----------|---|
| Assistant Professor | Jul 2015 | Jan 2020 | Alva's Institute of Engineering and Technology, Moodbidri |
| Assistant Professor | Sep 2007 | Jun 2014 | Adichunchanagiri Institute of Technology, Chikmagalur     |

### 8. Courses Taught:

| Sl. No | Course Name                                |
|--------|--|
| 1.     | C#. Net & Programming,                     |
| 2.     | Cryptography and Network security.         |
| 3.     | Object Oriented and Programming using C++. |
| 4.     | Operating system                           |
| 5.     | Advanced Computer Architecture             |
| 6.     | Storage Area Networks                      |
| 7.     | Computer Graphics and Visualization        |

|     |   |
|-----|---|
| 8.  | Database Management Systems                     |
| 9.  | Unix System Programming                         |
| 10. | Java & J2EE                                     |
| 11. | Computer Networks I and II                      |
| 12. | Distributed Operating system                    |
| 13. | Data Structures with C                          |
| 14. | Computer Concepts & C Programming               |
| 15. | Discrete Mathematical Structures                |
| 16. | Management and entrepreneurship for IT Industry |



**(Tahir Naquash H B)**

## Faculty Profile

1. **Name** : Veeresh K M
2. **Highest Qualifications** : M.Tech
3. **Academic Performance** : 70%(MTech)



| Qualifications     | Board / IIT / University                                 | Institute and place where studied                        |
|--------------------|--|--|
| <b>B.E (CSE)</b>   | Visvesvaraya Technological University                    | SJM Institute of Technology, Chitradurga                 |
| <b>M.Tech(CSE)</b> | Visvesvaraya Technological University                    | RR Institute of Technology, Bangalore                    |
| <b>Ph.D(CSE)</b>   | Gandhi Institute of Technology and Management, Bengaluru | Gandhi Institute of Technology and Management, Bengaluru |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                                |
|---------------------|------------|------------|---|
| Assistant Professor | 14-11-2019 | 31-1-2022  | JSS Academy of Technical Education, Noida             |
| Assistant Professor | 19-09-2019 | 12-11-2019 | Sheshadripuram Academy of Business Studies, Bangalore |
| Lecturer            | 30-12-2017 | 18-09-2019 | Nadgir College, Bangalore                             |
| Lecturer            | 29-6-2016  | 13-6-2017  | BGS Diploma College, Bangalore.                       |
| Lecturer            | 05-09-2012 | 03-03-2013 | SJM College, Bangalore.                               |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | Mr. Veeresh K M and Dr. B Ramesh Naik, Combination of Load Balancing and Colouration Mechanism in WSN's for Getting Higher Performance, ISBN 9781003193838, Recent Trends in Communication & Electronics, CRC Press (Taylor & Francis Group). |

### 9. Courses Taught:

| S.No | Course Name                     |
|------|---------------------------------|
| 01   | JAVA                            |
| 02   | SQL, Database Management System |
| 03   | Software system and Compilers   |
| 04   | Data Analytics                  |
| 05   | Machine Learning                |
| 06   | Software Testing                |
| 07   | Operating System                |
| 08   | Mobile Application Development  |

*Veeresh K M*

(Veeresh K M)

## Faculty Profile

1. **Name** : Prof.S.Vijayalakshmi
2. **Highest Qualifications** : MTech(Phd)  
Computer Science & Engg
3. **Academic Performance** : 9.0 CGPA(MTech)



| Qualifications | Board / IIT / University                             | Institute and place where studied                             |
|----------------|--|---|
| B.E (CSE)      | SRINIVASA INST. ENGG & TECH, ANNA UNIVERSITY         | CHENNAI   |
| M.Tech(CSE)    | Dr MGR EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY | Dr MGR EDUCATIONAL AND RESEARCH INSTITUTE UNIVERSITY, CHENNAI |
| Ph.D(CSE)      | PURSUING, SIMATS                                     | SIMATS CHENNAI  |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation         | From | To   | Institution / Industry         |
|---------------------|------|------|--------------------------------|
| ASSISTANT PROFESSOR | 2018 | 2021 | SAVEETHA SCHOOL OF ENGINEERING |
| TECHNICAL TRAINER   | 2015 | 2018 | ARENA MULTIMEDIA               |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | JOURNAL PAPER<br>1) Title: “ Accuracy prediction of vegetation area from satellite images using convolutional neural networks” Journal Name: “Turkish Journal of Physiotherapy and Rehabilitation” Paper Published: ISSN 2651-4451   e-ISSN 2651-446X, Page Number: 1730-1741 |
|         | PATENT<br>1) Title: A Vehicle system with haptic output for impaired based on machine learning & artificial intelligence interfaces Application number: 202141027189 Published date: 02/07/2021   |
| 2020-21 | JOURNAL PAPER<br>1) Title : “ A study of various classification techniques used for very high-resolution remote sensing [VHRRS] images” Journal Name: “Materials Today: Proceedings” Scopus Indexed, Elsevier, oct 2020 Doi:  |

|                |   |
|----------------|---|
|                | <a href="https://doi.org/10.1016/j.matpr.2020.08.703">https://doi.org/10.1016/j.matpr.2020.08.703</a><br>2) Title : “ Object Detection Using Deep Learning from Very High Resolution Imagery” Journal Name: “TEST ENGINEERING MANAGEMENT” Scopus Indexed, Paper Published: ISSN: 0193-4120 Volume 83 Page Number: 4191-4194 Publication Issue: May - June 2020  |
| <b>2019-20</b> | <b>PATENT</b><br>1) Title: Device for connecting computers Application number: 201941044650 A Published date: 29/11/2019<br><br><b>JOURNAL PAPER</b><br>1) Title : “ A Newest Data Set Analysis for Remote Sensing Applications” Journal Name: “Jour of Adv Research in Dynamical & Control Systems” Scopus Indexed, Paper Published: ISSN 1943-023X, Vol. 11, 04-Special Issue, 2019 pp. 1064-1067<br>2) Title : “Integrated Multi-Functional App for Student Skill Progress and Management Using REACTJS” Journal Name: “International Journal of Recent Technology and Engineering (IJRTE)” Scopus Indexed, Paper Published: ISSN: 2277-3878, Volume-7, Issue-6S4, April 2019<br>3) Title : “ AN EFFECTIVE FRAMEWORK TO DEVELOP ONLINE HOSTING OF STUDY MATERIALS” Journal Name: “International Journal of Advanced Science and Technology” Scopus Indexed, Paper Published ISSN: 2005 -4238 IJAST, Vol. 28, No. 11, (2019), pp. 351-355 |

### 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1    | Computer Organization               |
| 2    | Automata Theory                     |
| 3    | Internet Programming                |
| 4    | Software Engineering                |
| 5    | Object Oriented Analysis and Design |
| 6    | C # and Dot Net Framework           |
| 7    | Statistics with R Programming       |



(S.VIJAYALAKSHMI)



## Faculty Profile

1. **Name** : **Prof. Najmusher H**
2. **Highest Qualifications** : **MTech**  
Computer Science & Engg
3. **Academic Performance** : **69%(MTech)**



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (CSE)      | VTU                      | Dr. AIT, Bangalore                |
| M.Tech(CSE)    | VTU                      | SJCIT, Bangalore                  |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Assistant Professor | 26/04/2021 | Till Date  | HKBKCE, Bangalore      |
| Assistant Professor | 10/08/2006 | 28/11/2016 | HMSIT, Tumkur          |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1. Automated Blog classification using pattern matching” International Conference – AICDMB ,VVCE, Mysuru , 16 <sup>th</sup> -17 <sup>th</sup> FEB 2022   |
|                | 2. International Conference- “Women safety and tracking management system using geo-fencing” International Conference – AICDMB ,VVCE, Mysuru , 16 <sup>th</sup> -17 <sup>th</sup> FEB 2022   |
|                | 3. “Personal Health Record Sharing Scheme using Blockchain Technique” Journal of Advancement in Software Engineering and Testing, Volume 4 Issue 3<br>DOI: <a href="https://doi.org/10.5281/zenodo.5925190">https://doi.org/10.5281/zenodo.5925190</a> |
|                | 4. “OMR Sheet Scanner using Image Processing in Android” Recent Trends in Androids and IOS Applications, Volume 3 Issue 3 DOI: <a href="https://doi.org/10.5281/zenodo.5926592">https://doi.org/10.5281/zenodo.5926592</a>                             |
| <b>2020-21</b> | 1. “Stock Market Prediction using Machine Learning”, 3 <sup>rd</sup> National Conference On Futuristic Trends In Computer Science And Information Technology, HKBKCE, 16 <sup>th</sup> August 2021   |

### 9. Courses Taught:

| S.No | Course Name                       |
|------|-----------------------------------|
| 1.   | Design and Analysis of Algorithms |

|    |                                    |
|----|------------------------------------|
| 2. | Mobile Application Development     |
| 3. | Mobile Application Development Lab |
| 4. | Computer Networks and Security     |
| 5. | Data Structures and Applications   |
| 6. | Computer Network Laboratory        |
| 7. | Data Communications                |
| 8. | Data Structures Laboratory         |



**Najmusher H**

## Faculty Profile

1. **Name** : **Sonia Maria D'Souza**
2. **Highest Qualifications** : **M.Tech, (Ph.D)**  
Computer Science and Engineering
3. **Academic Performance** : **82.33%**



| Qualifications     | Board / IIT / University | Institute and place where studied     |
|--------------------|--------------------------|---------------------------------------|
| <b>B.E (CSE)</b>   | VTU , Karnataka          | JNNCE College of Engineering, Shimoga |
| <b>M.Tech(CSE)</b> | VTU, Karnataka           | RVCE College of Engineering           |
| <b>(Ph.D)(CSE)</b> | VTU, Karnataka           | Cambridge Institute of Technology-RC  |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                          |
|---------------------|------------|------------|---|
| Assistant Professor | 23/09/2021 | Till Date  | HKBK College of Engineering                     |
| Assistant Professor | 01-07-2012 | 31-01-2018 | Cambridge Institute of Technology               |
| Assistant Professor | 01-07-2011 | 30-06-2012 | Sai Vidya Institute of Technology               |
| Assistant Professor | 01-07-2008 | 30-06-2011 | Sri Revanna Siddeshwara Institute of Technology |
| Lecturer            | 01-07-2007 | 30-06-2008 | Silicon City College                            |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1. "Prediction of Stock Price Using Prolonged Petite-Stretch Memory (PPSM) Algorithm", SCOPUS- IJME, Cite Score 1.2.   |
|                | 2. "Perception of COVID 19 Contagion using Receptacle Fluoroscopy by Applying Deep Learning Method", Scopus-JPPW JOURNAL, issn:2717-7564, Cite Score 2.4.  |
|                | 3. "Detection of Signs of Ageing in Face and Demanding Situations to the Body and Skin Diseases after COVID-19 using Machine Learning", IJSRSET, ISSN:2394-4099, UGC CARE LIST JOURNAL NO:47147. |
|                | 4. "PassVaRRds-Password Generator, Encrypting, and Storage using AES and Cloud", IJSRSET, ISSN:2394-4099, UGC CARE LIST JOURNAL NO:47147.  |

|                |  |
|----------------|--|
| <b>2020-21</b> | Springer Sponsored paper entitled “ <b>Design and Development of Efficient Cost-Saving Algorithms for Guiding Customer Purchasing Patterns in Modern Consumerism Scenario Using Feed Forward Back Propagation Neural Networks</b> ”, appeared in Smart Trends in Computing and Communications: Proceedings of SmartCom 2020; Smart Innovation, Systems and Technologies Editors: Yu-Dong Zhang, Tomonoby Senjyu, Chakchai SO-IN and Amit Joshi, published by Springer Nature Singapore Pte Ltd.2021, Volume 182, pp.469-476. [ISSN 2190-3026(electronic), ISBN 978-981-15-5224-3(eBook). |
| <b>2019-20</b> | Paper entitled " <b>Design and Development of Efficient Cost-Saving Algorithms for Guiding Customer Purchasing Patterns in Modern Consumerism Scenario Using Fuzzy Logic Systems</b> ", in the International Journal of Scientific Research in Science,Engineering and Technolgy, Volume 8,Issue 1, Online ISSN:2394-4099,Print ISSN:2395-1990.  |
| <b>2018-19</b> | Springer Sponsored paper entitled “ <b>A Survey on Guiding Customer Purchasing Patterns in Modern Consumerism Scenario in India</b> ”, appeared in Data Science and Security: Proceedings of IDSCS 2020; Editors: Jat, D.S., Shukla, S., Unal,A.,Mishra,D.K., Published by Springer Lecture Notes in Network and Systems 132, <a href="https://doi.org/10.1007/978-981-15-5309-7_12">https://doi.org/10.1007/978-981-15-5309-7_12</a> (eBook)  |
| <b>2021-22</b> | <b>PATENT: IoT AND WIRELESS BASED INTELLIGENT EVEHICLE WITH SELF POWER GENERATING OPTIMAL POWER MANAGEMENT</b> ”-Published<br>Book Publication-“ <b>Network Security and Cryptography</b> ”, Scientific International Publishing House, Book. ISBN Number:978-93-94002-26-5  |

### 9. Courses Taught:

| <b>S.No</b> | <b>Course Name</b>                                  |
|-------------|---|
| <b>1</b>    | Programming in C                                    |
| <b>2.</b>   | Data Structures in C                                |
| <b>3</b>    | Operating Systems                                   |
| <b>4</b>    | Computer Graphics and Visualization                 |
| <b>5</b>    | Software Architecture                               |
| <b>6</b>    | Computer Networks and Security                      |
| <b>7</b>    | Computer Organization                               |
| <b>8</b>    | Management and Entrepreneurship for the IT Industry |
| <b>9</b>    | Compiler Design                                     |
| <b>10</b>   | Web Technologies                                    |

|    |                          |
|----|--------------------------|
| 11 | Algorithms and Analysis  |
| 12 | Object Oriented Concepts |



(  
**(Sonia Maria D'Souza)**

## Faculty Profile

1. **Name** : Prof KSN Sushma
2. **Highest Qualifications** : M.TECH
3. **Academic Performance** : 82%



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (CSE)      | JNTU                     | SIET, ANDHRA PRADESH              |
| M.Tech(CSE)    | JNTU                     | SIET, ANDHRA PRADESH              |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest):**

| Designation    | From | To      | Institution / Industry             |
|----------------|------|---------|------------------------------------|
| Asst professor | 2021 | present | HKBK COLLEGE OF ENGINEERING        |
| Asst professor | 2012 | 2014    | SWARNANDHRA COLLEGE OF ENGINEERING |

### 8. Courses Taught:

| S.No | Course Name                  |
|------|------------------------------|
| 1.   | C programming language       |
| 2    | Data base management systems |
| 3    | User interface design        |

**Ksn Sushma**



## Faculty Profile

1. **Name** : Sipra panigrahi
2. **Highest Qualifications** : Mtech, Mba  
Computer Science &  
Engg
3. **Academic Performance** : 1st class with distinction



| Qualifications | Board / IIT / University                     | Institute and place where studied |
|----------------|--|-----------------------------------|
| B.E (CSE)      | BIJU PATANIK TECHNICAL UNIVERSITY            | BPUT, ORISSA                      |
| M.Tech(CSE)    | VTU  | MSRIT, VTU BANGLORE               |
| MBA            | SIMBOSIS INSTITUTE OF MANAGEMENT AND STUDIES | PUNE                              |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**
8. **Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details      |
|---------|--|
| 2021-22 | Fake news detection using block chain technology,IJRASET JOURNAL, March 2022 |

### 9. Courses Taught:

| S.No | Course Name                     |
|------|---------------------------------|
| 1    | AI/ML                           |
| 2    | AI/ML LAB                       |
| 3    | DISCRETE MATHEMATICAL STRUCTURE |

Sipra panigrahi

## Faculty Profile

1. **Name** : Prof. Swaathie V
2. **Highest Qualifications** : M.E(Applied Electronics)
3. **Academic Performance** : 8.93 CGPA(M.E)



| Qualifications           | Board / IIT / University | Institute and place where studied                                    |
|--------------------------|--------------------------|--|
| B.E (ECE)                | Anna University          | Sri Shakthi Institute of Engg and technology, Coimbatore, Tamil Nadu |
| M.E(Applied Electronics) | Anna University          | Coimbatore Institute of Engg and technology, Coimbatore, Tamil Nadu  |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation | From | To   | Institution / Industry   |
|-------------|------|------|--------------------------|
| Manager     | 2019 | 2021 | Sri Vari Precision Gears |

### 8. Courses Taught:

| S.No | Course Name                        |
|------|------------------------------------|
| 1    | Analog and Digital Electronics     |
| 2    | Digital Image Processing           |
| 3    | Analog and Digital Electronics Lab |
| 4    | Internet of Things (IoT)           |

**SWAATHIE V**

## Faculty Profile

1. **Name** : **R.Vadivel**
2. **Highest Qualifications** : **M.E (CSE)**
3. **Academic Performance** : **74%(MTech)**



| Qualifications                  | Board / IIT / University       | Institute and place where studied          |
|---------------------------------|--------------------------------|--|
| <b>B.E (CSE)</b>                | Anna University                | Annai Mathammal Sheela Engineering College |
| <b>M.Tech(CSE)</b>              | Sathyabama University, Chennai | Sathyabama University, Chennai             |
| <b>Ph.D(CSE)<br/>(Pursuing)</b> | Hindustan University, Chennai  | Hindustan University, Chennai              |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry          |
|---------------------|------------|------------|---------------------------------|
| Assistant Professor | 05.06.2013 | 26.07.2021 | Adithya Institute of Technology |
| Sr.Lecturer         | 01.07.2012 | 10.05.2013 | Magna College of Engineering    |
| Lecturer            | 12.06.2010 | 30.06.2012 | Magna College of Engineering    |
| Program Developer   | 10.02.2006 | 25.01.2008 | Star Hub Infotech               |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Vadivel R, Driver Alertness Identification And Alarming System Using Haar Algorithm, published in International Journal of Scientific Research in Science, Engineering and Technology(IJSRSET), Volume 9, Issue 2, March-April-2022. |
|                | Vadivel R, Patent published in the title of “Artificial Intelligence based Video surveillance system using open CV and Deep Learning, 07.01.2022   |

### 9. Courses Taught:

| S.No | Course Name       |
|------|-------------------|
| 1.   | Operating Systems |

|    |                                       |
|----|---------------------------------------|
| 2. | Object Oriented Programming sing Java |
| 3. | Computer Networks                     |
| 4. | Database Management Systems           |
| 5. | Cryptography and Network Security     |
| 6. | Fundamentals of computing             |



**R.VADIVEL**

## Faculty Profile

1. **Name** : **Prof. Seema Shivapur**
2. **Highest Qualifications** : M.Tech  
Computer Science and  
Engineering
3. **Academic Performance** : **9.04 CGPA**



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (CSE)      | VTU                      | SKSVMACET, Gadag                  |
| M.Tech(CSE)    | VTU                      | BVBCET, Hubli                     |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation           | From                       | To         | Institution / Industry                 |
|-----------------------|----------------------------|------------|--|
| Assistant Professor   | 22 <sup>nd</sup> July 2019 | Till Date  | HKBK College of Engineering, Bangalore |
| TGT(Computer Science) | 01/04/2017                 | 28/02/2019 | K V Dharwad                            |
| PGT(Computer Science) | 03/08/2016                 | 27/03/2017 | K V Dharwad                            |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1. "Crop Processing For Supply Chain Management From Agricultural Fields Using Blockchain Technology", International Conference – AICDMB– VVCE, Mysuru , 16.2.2022   |
|                | 2. "Personal Health Record Sharing Scheme using Blockchain Technique" Journal of Advancement in Software Engineering and Testing, Volume 4 Issue 3<br>DOI: <a href="https://doi.org/10.5281/zenodo.5925190">https://doi.org/10.5281/zenodo.5925190</a> |
|                | 3. "OMR Sheet Scanner using Image Processing in Android" Recent Trends in Androids and IOS Applications, Volume 3 Issue 3 DOI: <a href="https://doi.org/10.5281/zenodo.5926592">https://doi.org/10.5281/zenodo.5926592</a>                             |

### 9. Courses Taught:

| S.No | Course Name        |
|------|--------------------|
| 1.   | Big Data Analytics |

|           |                                     |
|-----------|-------------------------------------|
| <b>2.</b> | Data Structures and Applications    |
| 3.        | Data Structures Laboratory          |
| 4.        | Computer Graphics and Visualization |
| <b>5.</b> | Computer Graphics Laboratory        |
| 6.        | Object Oriented Concepts            |



**Seema Shivapur**



## Faculty Profile

1. **Name** : **Prof. Husna Tabassum**
2. **Highest Qualifications** : **M-Tech  
Computer Science &  
Engineering**
3. **Academic Performance** : **74.08%**



| Qualifications     | Board / IIT / University | Institute and place where studied                            |
|--------------------|--------------------------|--|
| <b>B.E (CSE)</b>   | VTU                      | Channabasaweshwara institute of engineering, Tumkur          |
| <b>M.Tech(CSE)</b> | VTU                      | Rao Bahadur Y Mahabaleshwarappa Engineering College, Bellary |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From | To   | Institution / Industry              |
|---------------------|------|------|-------------------------------------|
| Assistant Professor | 2013 | 2019 | HMS Institute of Technology, Tumkur |
| Lecturer            | 2010 | 2011 | HMS Institute of Technology, Tumkur |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Women Safety & Tracking management system using Geo-Fencing proceedings in 3 <sup>rd</sup> annual international conference on data science, Machine Learning and Blockchain technology.  |
| <b>2020-21</b> | Husna Tabassum, "Survey on recognition of skin infections based on image Processing, data mining and Deep Learning" proceedings of International Scientific Journal of Contemporary Research in Engineering Sciences and Management. |
|                | Personal Health Record Sharing Scheme using Blockchain Technique published in Journal of Advancement in Software Engineering and Testing.  |
|                | OMR Sheet Scanner using Image Processing in Android published in Recent Trends in Androids and IOS Applications.   |
|                | Patent - Hybrid Memory Cube Oriented Image Classification Using A Machine Learning Technique".   |
|                | Patent - COVID-19 pandemic prevention and control system based on Artificial Intelligence (AI)   |
|                | Book entitled "Analysis and Design of Algorithms"  |
|                | Book entitled "AI and ML enabled 5G wireless Networks: Recent advances and challenges"   |

**9. Courses Taught:**

| S.No | Course Name                                  |
|------|--|
| 1.   | Web Technology and its Applications          |
| 2.   | Discreate Mathematics                        |
| 3.   | Database Management System                   |
| 4.   | Operations Research                          |
| 5.   | Advanced JAVA and J2EE                       |
| 6.   | Computer Networks                            |
| 7.   | Analysis and Design of Algorithms            |
| 8.   | Data Structures                              |
| 9.   | C Programming                                |
| 10.  | Software Engineering                         |
| 11.  | Management and Entrepreneurship              |
| 12.  | Computer Organization                        |
| 13.  | Object Oriented Modelling and Design         |
| 14.  | Big Data Analytics                           |
| 15.  | Storage Area Networks                        |
| 16.  | Cryptography, Network Security and Cyber Law |

**(Husna Tabassum)**

## Faculty Profile

1. **Name** : **Dr. A. SYED MUSTAFA**
2. **Highest Qualifications** : **Ph.D.-Web Services**  
Computer Science & Engg
3. **Academic Performance** :



| Qualifications     | Board / IIT / University    | Institute and place where studied |
|--------------------|-----------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | Bangalore University,India  | MVJ College of Engg, Bengaluru    |
| <b>M.Tech(CSE)</b> | VTU, Belgaum,India          | MVJ College of Engg. Bengaluru    |
| <b>Ph.D(CSE)</b>   | Sathyabama University,India | Sathyabama University, Chennai    |

4. **Gender** : **Male**
5. **Present Status** : **Professor and HOD**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

**7. Experience (Starting from the latest to the earliest): 21 years**

| Designation         | From       | To         | Institution                            |
|---------------------|------------|------------|--|
| Professor & HOD     | 01-09-2008 | Till date  | HKBK College of Engineering, Bangalore |
| Professor           | 01-03-2008 | 31-08-2008 | HKBK College of Engineering, Bangalore |
| Assistant Professor | 01-09-2006 | 26-06-2007 | HKBK College of Engineering, Bangalore |
| Senior Lecturer     | 01-06-2005 | 31-08-2006 | HKBK College of Engineering, Bangalore |
| Lecturer            | 16-10-2000 | 31-05-2005 | HKBK College of Engineering, Bangalore |

**8. Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

|                | Name, title of the paper, Conference /Journal, venue and date  |
|----------------|--|
| <b>2021-22</b> | A Text Book titled “Network Security and Cryptography” is published on 24 <sup>th</sup> February 2022 by Scientific International Publishing House, ISBN: 978-93-94002-26-5  |
|                | “ A Review On Convolutional Neural Network Based Face Mask Detection”, International Journal of Research and Analytical Reviews, PP: 925-930, March 2022, E-ISSN: 2348-1269  |
|                | “A novel approach for multimodal facial expression recognition using deep learning techniques”, Multimedia Tools and Applications, PP: 1-9, March 2022, Springer US, <a href="https://doi.org/10.1007/s11042-022-12238-y">https://doi.org/10.1007/s11042-022-12238-y</a> |
|                | “Perception of Covid-19 Contagion using Receptacle Fluoroscopy by applying Deep Learning Methodology”, Journal of Positive School Psychology PP: 790 - 796, Vol. 6, No. 3, 2022.   |
|                | “Enabling Trust in Single Sign-On Using DNS Based Authentication of Named Entities”, I.J. Wireless and Microwave Technologies, PP: 41-53, Feb, 2022, DOI:  |

|                |  |
|----------------|--|
|                | 10.5815/ijwmt.2022.01.05   |
|                | “A Case Study on Design of Covid-19 Detection and Alerting System Using Machine Learning Techniques”, Webology, Vol.19, No.1, January, 2022, DOI: 10.14704/WEB/V19I1/WEB19091  |
|                | “D-TS: A Secure and Trusted Authentication Framework for Domain Name Server”, I.J. Wireless and Microwave Technologies, Vol.6 2021, 30-45 December 2021. DOI: 10.5815/ijwmt.2021.06.04 link: <a href="https://www.mecs-press.org/ijwmt/ijwmt-v11-n6/IJWMT-V11-N6-4.pdf">https://www.mecs-press.org/ijwmt/ijwmt-v11-n6/IJWMT-V11-N6-4.pdf</a> |
|                | Research Guidance: 03 Scholars under VTU.  |
| <b>2020-21</b> | “Study on Face Recognition System”, GRADIVA REVIEW JOURNAL, Vol.7/issue-6/333-341/ June 2021, ISSN NO : 0363-8057  |
|                | “TDANE: Mechanism for Validation of Domain Certificates for Trusted Browsing”, 5th International Conference on Intelligent Computing and Control Systems (ICICCS), 6-8 May 2021, IEEExplore, DOI: 10.1109/ICICCS51141.2021.9432284, ISBN: 9781665412728  |
|                | “Secured Transactions from the Anomaly User Using 2 Way SSL”, Book Chapter published in Anomaly Detection: Techniques and Applications, Nova Science Publishers Inc, 159-170 March-2021, ISBN: 978-1-53619-264-3   |
|                | Research Guidance: 02 Scholars under VTU.  |
|                | Patent “System And Method For Providing Real-Time Multimedia Communication Over Communication Channels” with Application No: 202041011747 A.   |
| <b>2019-20</b> | “CNN-BLSTM Joint Technique on Dynamic Shape and Appearance of FACS”, International Journal of Engineering and Advanced Technology (IJEAT), Vol.9 / Issue-4/1754-1757/ April 2020, ISSN: 2249 – 8958  |
| <b>2018-19</b> | “IoT based Smart Talking Energy Meter”, International Journal of Research in Engineering, Science, and Management, Vol.2/Issue 4/225-229/April 2019, Online ISSN:2581-5792   |
| <b>2016-17</b> | “Hybrid Cuckoo Optimized Multi Layer Perceptron For Hospital Management Information System Web-Services Quality Classification”, Journal of Medical Imaging and Health Informatics, Vol.6/issue 7/1641-45/ Nov 2016 [ annex-1], Print ISSN : 2156-7018 Online ISSN:2156-7026   |

### 9. Courses Taught:

| S.No | Course Name                          |
|------|--------------------------------------|
| 1    | Data Structures and its applications |
| 2    | Python Application Programming       |
| 3    | Database Management System           |
| 4    | Mobile Application Development       |
| 5    | Unix Programming                     |
| 6    | Cloud, Grid and Cluster              |
| 7    | IoT                                  |
| 8    | Java Programming                     |
| 9    | C# Programming                       |
| 10   | Web Programming                      |



(Dr. A. SYED MUSTAFA)

## Faculty Profile

1. Name : Dr. V.Balaji Vijayan

2. Highest Qualifications : Ph.D.  
Information Science &  
Engg

3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied            |
|----------------|--------------------------|--|
| B.Tech (IT)    | Anna University, Chennai | Ranipettai Engineering College, Walajah Road |
| M.E.(CSE)      | Anna University, Chennai | PSG College of Engineering, Coimbatore       |
| Ph.D(CSE)      | Anna University, Chennai | CEG, Campus, Anna University, Chennai        |

4. Gender : Male

5. Present Status : Assoicate Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To         | Institution / Industry  |
|---------------------|------------|------------|---|
| Associate Professor | 02/07/2021 | Till Date  | HKBK College of Engineering, Nagawara, Bengaluru- 45                      |
| Assistant Professor | 10/11/2020 | 30/06/2021 | Vignan Foundation for Science Technology & Research, vadlamudi, Guntur-86 |
| Assistant Professor | 06/08/2019 | 30/04/2021 | Vel Tech High Tech Dr RR Dr SR Engineering College, Avadi, Chennai-54     |
| Assistant Professor | 01/07/2013 | 31/07/2019 | Aalim Muhammed Salegh College of Engineering, Avadi IAF, Chennai-54       |
| Assistant Professor | 06/08/2008 | 30/04/2013 | Jaya Engineering College, Thiruninravur, Chennai-24                       |

8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | Balaji Vijayan Venkateswarulu, Prasanna Kumar, R Sivakumar, “Analogous Particle Swarm Optimization for Choosing Optimal Selection of Virtual Machine in Cloud”, International Conference on Computer Communication and Informatics, Organized by Sri Shakthi Institute of Engineering & Technology Associate with IEEE, 25-27 Jan 2022 |
|         | Sarvath Saba, Sharon Philip, Shriharsha Mukund Naik, Sudeep Shetty S, Prof. Priyanka K, Dr.V.Balaji Vijayan, “A Review on IoT Based Automated Seat Allocation and Verification using QR Code”, International Journal of Research and Analytical Reviews, vol.9 no.1, Mar 2022  |

|                |  |
|----------------|--|
|                | Gokul S, Hesham Iftakhar, Ibrahim Mohamed Aneesulla, Joshua Siby Paul, Prof. Priya J, <b>Dr.V.Balaji Vijayan</b> , “ <b>Automated Hydroponics Set-Up using IoT</b> ”, International Journal of Research and Analytical Reviews, vol.9 no.1, Mar 2022   |
|                | S Arun, Sanjeet Pandey, Dr.Vineet Kumar Singh, Ramesh Mishra, Dr Lakhvinder Kaur, <b>Dr.Balaji Vijayan Venkateswaralu</b> , “ <b>A Novel method IoT based Smart Saline Bottle for Health Care System</b> ”, Field f Invention -Bio-Medical Engineering, <b>App. No: 202241001899, DOP: 04/02/2022</b>  |
|                | Mr. R. Raffik, Dr. Thangamani.S, Dr. J. Gitanjali, <b>Dr. Balaji Vijayan</b> , Ms. G. Premalatha, Mr. I. Mohan, Dr. R. Thiagarajan, “ <b>Surveilling of Crises Implications in Green House Effect and Measuring Frost using IoT With AI Metho</b> ”, Field f Invention - Mechanical Engineering, <b>App. No: 202141061446, DOP: 14/01/2022</b>   |
| <b>2020-21</b> | <b>Balaji Vijayan Venkateswarulu</b> , Prasanna Kumar R, Vignesh T, K.K.Thyagarajan, R Sivakumar “ <b>Novel Enhanced Intelligent System for Optimal Selection of Virtual Machine in Cloud Using Analogous Particle Swarm Optimization</b> ”, 2 <sup>nd</sup> International E-Conference on “Research Essential in Machine Learning and Computational Organized by the SRM Institute of Science and Technology, in Association with Infrastructure University Kuala Lumpur (IUKL), on 18 August, 2021 |
| <b>2019-20</b> | R.JothiKumar <b>Balaji Vijayan V</b> , Dr.S.Arun, R.Thiyagarajan, I.Mohan, “ <b>Novel Technique Automatic Billing in Smart Shopping</b> ”, International Journal of Scientific & Technology Research, Vol.9 no.4, 2020   |
|                | <b>Dr.V.Balajivijayan</b> , Dr.Jothikumar ChinchuNair , Dr.R.Thiagarajan ,Gokulapriya. R , “ <b>Neural Network Approach for Reconstruction of Geomagnetic Data via Machine Learning</b> ,” Solid State Technology, vol. 63 no.3, 2020  |
|                | <b>Dr.V.Balajivijayan</b> , Mohan I Anu P Varghese, Balamurugan M, Dr.R.Thiagarajan, “ <b>Prediction of Cancer using Ensemble Approach of Machine Learning Algorithms</b> ”, Solid State Technology, vol. 63 no.3, 2020  |
|                | <b>Dr.V.Balajivijayan</b> , Mohan I Anu P Varghese, Balamurugan M, Dr.R.Thiagarajan, “ <b>Reinforce Certificate Renouncement Utilizing Clustering Approach for MANET</b> ”, Psychology and Education, vol. 57 no.9, 2020   |
|                | <b>Dr.V.Balajivijayan</b> , Mohan.I A.Maheswari, Karthikeyan.H, Dr.R.Thiagarajan, “ <b>Intrusion Detection System Model Using Hierarchical Hybrid Algorithms And Ensemble Techniques In Networking</b> ”, Solid State Technology, vol. 63 no.6, 2020   |
| <b>2018-19</b> | <b>V. BalajiVijayan A. Mohan, N. KomalKumar , M. Sakthivel , K. Cornelius</b> , “ <b>Web Based Electronic Wireless Lab Environment ( EWL) for Engineering Students using Wi - Fi Architecture</b> ”, International Journal of Recent Technology and Engineerin Vol.8 no.3, 2019  |
|                | <b>BalajiVijayan Venkateswarulu</b> , Neduncheliyan Subbu, Sivakumar Ramamurthy, “ <b>An efficient routing protocol based on polar tracing function for underwater wireless sensor networks for mobility health monitoring system application</b> ”, Journal of medical systems, vol.43 no 7, 2019   |

### 9. Courses Taught:

| S.No     | Course Name           |
|----------|-----------------------|
| <b>1</b> | Computer Organization |
| <b>2</b> | Computer Networks     |
| <b>3</b> | Data Structures       |
| <b>4</b> | Adhoc Sensor Networks |
| <b>5</b> | Mobile Computing      |



|   |                    |
|---|--------------------|
| 6 | Internet of Things |
| 7 | Network Management |
| 8 | Neural Networks    |



**(Dr.V.Balaji Vijayan)**

## Faculty Profile

1. **Name** : **Dr. Komala C R**
2. **Highest Qualifications** : **Ph. D-** Network,  
Communication &  
Information Systems
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ECE)</b>   | MYSORE UNIVERSITY        | SJCE, MYSORE                      |
| <b>M.Tech(CSE)</b> | VTU                      | RVCE, Bangalore                   |
| <b>Ph. D(N/W)</b>  | JAIN                     | JGI, Bangalore                    |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From     | To        | Institution / Industry |
|---------------------|----------|-----------|------------------------|
| Associate Professor | Oct 2021 | Till Date | HKBKCE, Bangalore      |
| Associate Professor | Aug 2020 | Sept 2021 | SVIT, Bangalore        |
| Assistant Professor | Feb 2011 | June 2014 | EPCEW, Bangalore       |
| Senior Lecturer     | Nov 2008 | Dec 2010  | AMCEC, Bangalore       |
| Lecturer            | Mar 2006 | Sep 2008  | CMR IT, Bangalore      |
| Lecturer            | Aug 2004 | Feb 2006  | SSEC, Bangalore        |
| Lecturer            | Sep 2001 | July 2004 | CIT, Ponnampet         |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1) The journal titled “Pre indication of Stock Price Using Prolonged Petite-Stretch Memory (PPSM) Algorithm” at IJME, Volume-7, Issue-1, Jan 2022, ISSN: 0974-5823 (Indexed in Scopus databases)<br>2) A Text Book titled “Network Security and Cryptography” is published on 24 <sup>th</sup> February 2022 by Scientific International Publishing House, ISBN: 978-93-94002-26-5<br>3) The journal titled “Perception of Covid-19 Contagion using Receptacle Fluoroscopy |

|                |  |
|----------------|--|
|                | <p>by applying Deep Learning Methodology” at JPSP, Volume-6, March 2022, ISSN: 2717-7564 (Indexed in Scopus databases)</p> <p>4) The journal titled “Design of Multi Model Interface to Establish Communication Among Differently Abled People Using IOT” at IJSRSET, Volume-9, Issue-2, March 2022, ISSN: 2395-6011 (Indexed in UGC)</p> <p>5) The journal titled “A Review on MY-SR Next Generation Automated Gas Safety System Using IOT” at IJSRSET, Volume-9, Issue-2, March 2022, ISSN: 2395-6011 (Indexed in UGC)</p> <p>6) The Australian Patent titled “A MODEL DRIVEN ENGINEERING FOR DESIGNING MULTI PARADIGM CYBER PHYSICAL SYSTEMS”, Patent No: 2021106573, Published on 10<sup>th</sup> November 2021 and granted for eight years from filing date 23<sup>rd</sup> August 2021</p> <p>7) The Indian Patent titled “IOT AND WIRELESS BASED INTELLIGENT EVEHICLE WITH SELF-POWER GENERATING OPTIMAL POWER MANAGEMENT”, Patent No: 202141048433A, Published on 29<sup>th</sup> October 2021</p> |
| <b>2020-21</b> | <p>1) The Indian Patent titled “CUSTOM DEVELOPED BOARD FOR IOT APPLICATIONS”, Ref No. 202141037963, and Published on 27<sup>th</sup> August 2021.</p> <p>2) The paper titled “Junction Based Angular Routing in Vehicular Ad Hoc Networks (VANET)” at 2021 2nd International Conference for Emerging Technology (INCET) DOI: 10.1109/INCET51464.2021.9456225, May-June 2021(Published in IEEE Xplore and indexed by Ei Compendex and Scopus Indexing).</p>   |
| <b>2019-20</b> | <p>1) The journal titled “Routing Solutions of GJIBR for Unicasting and Multicasting over AODV in VANET” at International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8, Issue-7, May 2019, ISSN: 2278-3075 (Indexed in Scopus databases)</p>  |
| <b>2018-19</b> | <p>1) The journal titled “Hybrid Geographical Junction based Routing in VANET with Fuzzy Optimization” at Journal of Advanced Research in Dynamical &amp; Control Systems, Vol.10, 04-Special Issue, June 2018, ISSN:1943-023X (Indexed in Scopus databases)</p>   |
| <b>2017-18</b> | <p>1) The journal titled “Performance Analysis of GJIBR and AODV Routing Protocols in Vehicular Ad Hoc Networks” at International Journal of Engineering and Technology (IJET) DOI: 10.21817/ijet/2017/v9i3/170903150, Vol 9 No 3 Jun-Jul 2017, ISSN (Print): 2319-8613 ISSN (Online): 0975-4024 (Indexed in Scopus databases, IF 03.5)</p>  |
|                |  |

### 9. Courses Taught:

| S.No     | Course Name                       |
|----------|-----------------------------------|
| <b>1</b> | Network Security and Cryptography |
| <b>2</b> | Data Mining and Data Warehousing  |
| <b>3</b> | Big Data Analytics                |
| <b>4</b> | Automata Theory and Computability |
| <b>5</b> | Operating Systems                 |
| <b>6</b> | Storage Area Networks             |

|    |   |
|----|---|
| 7  | Ad hoc Networks                           |
| 8  | Computer Networks                         |
| 9  | Data Communication                        |
| 10 | Embedded Computing Systems                |
| 11 | Software Architecture and Design Patterns |
| 12 | Analog and Digital Electronic Circuits    |

A handwritten signature in black ink, appearing to read 'Komala C R', is displayed on a light gray background.

**(Dr. Komala C R)**

## Faculty Profile

1. **Name** : **ASGHAR PASHA**
2. **Highest Qualifications** : **M.Tech.**  
Computer Networking & Engg.
3. **Academic Performance** :



| Qualifications     | Board / IIT / University   | Institute and place where studied |
|--------------------|----------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | Karnatak University, India | AEC, Bhatkal                      |
| <b>M.Tech(CNE)</b> | VTU, Belgaum, India        | AMC College of Engg. Bengaluru    |
| <b>(Ph.D-CSE)</b>  | VTU, Belgaum, India        |                                   |

4. **Gender** : **Male**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

7. **Experience (Starting from the latest to the earliest): 22 years**

| Designation         | From       | To         | Institution                               |
|---------------------|------------|------------|---|
| Associate Professor | 31-12-2015 | Till date  | HKBK College of Engineering, Bangalore    |
| Assistant Professor | 29-07-2010 | 30-12-2015 | HKBK College of Engineering, Bangalore    |
| Assistant Professor | 01-09-2006 | 28-07-2010 | AMC College of Engineering, Bangalore     |
| Lecturer            | 01-05-2000 | 31-06-2006 | Shirdi Sai College of Engineering, Anekal |
| Teaching Assistant  | 01-07-1998 | 30-04-2000 | AEC, Bhatkal                              |

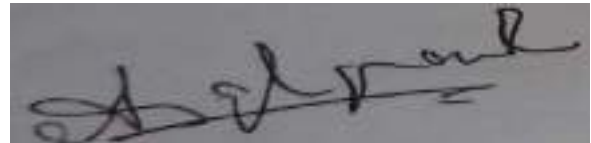
### 8. **Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

|                | Name, title of the paper, Conference /Journal, venue and date  |
|----------------|--|
| <b>2021-22</b> | "A review on ocular disease detection", International Journal of Research and Analytical reviews(IJRAR). P-ISSN-2349-5138  |
| <b>2020-21</b> | International Research Journal of Engineering and Technology(IRJET) "Road Accident Prediction using Machine-IRJET, Volume: 08 Issue:07 July 2021   |
| <b>2018-19</b> | Literature Survey on Child Safety Wearable Device, International Journal of Research in Engineering, Science, and Management-JRESM, volume 2, issue 5, Pages 62-67, May 2019, Impact Factor-4.308, DOI/ISSN-2581-5992.         |
|                | "Precision Farming using Mobile Application Development: SaaS"- International Journal of Research in Engineering, Science and Management. Volume-2, Issue-2, February 2019.  |
| <b>2017-18</b> | Manuscript Entitled Approach for Deploying the Hybrid Cloud in Diverse Open-Source Tools Published in IOSR Journals of Computer Engineering (IOSR-JCE)- Volume 20, Issue 3, Ver.4 May-June 2018 - ISSN:2278-0661, P-ISSN:8727. |

|  |  |
|--|--|
|  |  |
|--|--|

### 9. Courses Taught:

| S.No | Course Name                    |
|------|--------------------------------|
| 1    | Machine Learning               |
| 2    | Python Application Programming |
| 3    | File Structures                |
| 4    | Data warehousing & Data Mining |
| 5    | Microprocessors                |
| 6    | Operating Systems              |
| 7    | Java Programming               |
| 8    | Information systems            |
| 9    | Database Management Systems    |
| 10   | C & C++ Programming            |



( ASGHAR PASHA)



## Faculty Profile

1. **Name** : **SHARAVANA .K**
2. **Highest Qualifications** : **B.E, M.Tech, (PhD)**  
Computer Science & Engg
3. **Academic Performance** :



| Qualifications    | Board / IIT / University | Institute and place where studied                           |
|-------------------|--------------------------|---|
| <b>B.E (CSE)</b>  | VTU Belgaum              | M.S.Ramaiah Institute of Technology<br>Bangalore, Karnataka |
| <b>M.Tech(IT)</b> | VTU Belgaum              | Sathyabama University, Chennai, Tamil<br>Nadu               |
| <b>Ph.D(CSE)</b>  | VTU Belgaum              | VTU-RRC Belgaum, Karnataka                                  |

4. **Gender** : **Male**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                                   | From       | To         | Institution / Industry                 |
|---|------------|------------|--|
| Associate Professor                           | July 2016  | Till date  | HKBK College of Engineering, Bangalore |
| Associate Professor                           | June 2015  | Jun 2016   | MVJ College of Engineering, Bangalore  |
| Assistant Professor and Polytechnic Principal | June 2014  | May 2015   | MVJ Group of Institutes Bangalore      |
| Assistant HOD and Assistant Professor         | June 2013  | May 2014   | MVJ College of Engineering, Bangalore  |
| Assistant Professor                           | June 2010  | May 2012   | MVJ College of Engineering, Bangalore  |
| Senior Lecturer                               | April 2009 | May 2010   | MVJ College of Engineering, Bangalore  |
| Lecturer                                      | Oct 2004   | March 2009 | MVJ College of Engineering, Bangalore  |
| Software Engineering                          | May 2004   | Oct 2004   | M/S . SONATA Software                  |

## 8. Publication (Research Papers /Books / Patent / Research Guidance/Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | <p>➔ Sharavana K, Ayesha Hussain, Jaffar Sadiq, Ramiz Hussain and Farhan Yunus, Manuscript title “Stress Detection Through AI Based Facial Landmarks and Neural Networks” <b>Volume 50, Issue 07, June-2021. ISSN: 1671-4512 HST-0721-352.</b></p> <p>➔ Sharavana .K ,”Survey on GRAMA VIKAS: A Smart Model For Rural Development”, Journal of Huazhong University of Science and Technology, <b>Volume 50, Issue 06, June-2021. ISSN: 1671-4512 HST-0621-280.</b></p>  |
| 2020-21 | <p>➔ Sharavana .K , E Sivasubramanian, Arpitha , Monish M Gowda, Gajanan Manjunath Naik, “Real-Time Text to Braille and Audio Converter” <b>International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 08   Aug 2020  www.irjet.net, e-ISSN: 2395-0056 p-ISSN: 2395-0072</b></p>  |
| 2019-20 | <p>➔ Sharavana K-“Survey on Design of Bus Boarding Assist System For Blind Using IOT Technology” International Journal of Scientific Research &amp; Engineering Trends( <b>IJSRET</b>)Vol 5, Issue 1/2343/-3432/ Jan-Feb 2019,ISSN:2343-2343</p> <p>➔ Sharavana .K Padma Bhavani,Hanidia Misbah S. S,Madhu Shree M. S and Mamtha H. L- “<b>Smart Baby Cradle Based on IOT</b>” International conference on Innovation in Engineering Science Technology and Management. ICIESTM-19 HKBKCE 3rd and 4th May 2019.</p> <p>➔ Sharavana .K Pavithra V,Rismen Mina A,Saneyyah Seemeen and Farsana Banu M-“<b>Bus Boarding Assist system for Blind using IOT</b>”- International conference on Innovation in Engineering Science Technology and Management.- ICIESTM-19 HKBKCE 3rd and 4th May 2019.</p> |
| 2018-19 | <p>➔ Sharavana K, Asghar Pasha., Manuscript Entitled "Approach for Deploying the Hybrid Cloud in Diverse Open-Source Tools" Published in IOSR Journals of Computer Engineering (<b>IOSR-JCE</b>), <b>Volume 20, Issue 3,Ver.4 May-June 2018, ISSN:2278-0661,P-ISSN:8727</b></p>   |
| 2017-18 | <p>➔ Sharavana K Cold Storage Management System for Farmers based on IOT , International Journal Of Recent Trends In Engineering &amp; Research, <b>vol.3/issue 5/2455-1457/May 2017, Print ISSN: 2455-1457 Impact Factor 4.01</b></p>  |
| 2014-15 | <p>➔ Sharavana K , Design of Traffic Redundancy and Elimination Approach for Reducing Cloud Bandwidth and Cost, <b>IJIRCCE- International Journal of Innovative Research in Computer and Communication Engineering, vol.2/issue 2/Feb 2014, ISSN PRINT : 2320-9801</b></p> <p>➔ Sharavana .K Efficient Node Energy Based Encryption And False Data Injection In WSN. <b>IJSRCSAMS Vol. 2, issue 3-2014</b></p> <p>➔ Sharavana .K,Track-Before-Detect Technique for Mitigating Sea Clutter Based on HoughTransform – Volume 3, Issue 3 – June 2014 - <b>IJCSN</b></p> <p>➔ Sharavana .K,A Survey On Deploying HPC In The Cloud Using Volunteer</p>   |

|                |  |
|----------------|--|
|                | <p>Computing- Volume V, Issue 1, January 2014 – IJCEA.</p> <p><a href="http://www.ijcea.com/wp-content/uploads/2014/02/Front-Page1.pdf">http://www.ijcea.com/wp-content/uploads/2014/02/Front-Page1.pdf</a></p> <p>➔ Sharavana .K, Deployment of Virtual HPC Clusters on Demand from Volunteer Computing Resources” – Volume III, Issue IV, May 2014- IJCSET</p> <p>➔ Sharavana .K, Survey on Traffic Redundancy and Elimination Approach forReducing Cloud Bandwidth and Costs   -Volume 5, Issue 2 – February 2014 – IJCSET</p> <p>➔ Sharavana .K, “Design of Traffic Redundancy and Elimination Approach forReducing Cloud Bandwidth and Cost – Volume -2, Issue -2- February 2014 IJRCCE</p>   |
| <b>2013-12</b> | <p>➔ Sharavana .K,A Survey On Virtual Energy Based Encryption And Keying For WSN. – ICACIT 2013</p> <p>➔ Sharavana .K, Design Of Virtual Energy Based Encryption And Keying For WSN. – NACC 2013</p> <p>➔ Sharavana .K,A Survey on Privacy Preservation against Traffic Analysis in Wireless Network by HEF on GEV’s . – IJSRCSAMA Vol. 2 , issue 3 -2013</p> <p>➔ Sharavana .K, Privacy Preservation against Traffic Analysis in Wireless Network HEF On GEV’s. – IJRCCE Vol.1, issue 3 -2013</p> <p>➔ Sharavana .K, Design &amp;Implementation Privacy Preservation against Traffic Analysis in Wireless Network HEF On GEV’s. – NACC 2013</p> <p>➔ Sharavana .K, Survey on Privacy Preservation against Traffic Analysis in Wireless Network HEF On GEV’s – ICACTI 2013</p> |
| <b>2012-11</b> | <p>➔ Sharavana .K, Best Implementation and High Performance storage Virtualization Architecture -MIT Publications -2012</p>  |

### 9. Courses Taught:

| S.No | Course Name                                  |
|------|--|
| 1    | Application Development using Python         |
| 2    | User Interface Design                        |
| 3    | Big Data Analytics                           |
| 4    | Unix and Shell , Unix and System Programming |
| 5    | Computer Network                             |
| 6    | Object Oriented Programming C++/ Java        |
| 7    | Concepts on Operating System.                |
| 8    | Web Technology and its Application           |

|    |  |
|----|--|
| 9  | Web Technology and its Application with mini project |
| 10 | Cloud Computing and its Application                  |
| 11 | Advance Java and J2EE                                |
| 12 | Software Ware Testing                                |
| 13 | Software Ware Testing Laboratory                     |
| 14 | File Structures using C++                            |
| 15 | File Structures with mini project                    |
| 16 | Java Programming                                     |
| 17 | Cloud, Grid and Cluster                              |
| 18 | Web Programming                                      |



Sharavana K  
Associate Professor

## Faculty Profile

**1. Name : Heena Kouser Gogi**

**2. Highest Qualifications : M.Tech (CSE)**

**3. Academic Performance :**



| Qualifications | Board / IIT / University | Institute and place where studied     |
|----------------|--------------------------|---------------------------------------|
| B.E (CSE)      | VTU                      | KBN College Of Engineering, Kalaburgi |
| M.Tech(CSE)    | VTU                      | SJCIT, Chickballapur                  |

**4. Gender : Female**

**5. Present Status : Assistant Professor**

**6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA**

**7. Experience (Starting from the latest to the earliest)**

| Designation         | From        | To             | Institution / Industry |
|---------------------|-------------|----------------|------------------------|
| Assistant Professor | 12-oct-2012 | Till date      | HKBKCE, Bangalore      |
| Senior Lecturer     | 1-Aug-2008  | 11-Oct-2012    | HKBKCE, Bangalore      |
| Lecturer            | 11-sep-2003 | 30-july - 2006 | KCTCE, Kalaburgi       |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| S:n<br>o | Journal/Conference   | Title   | Volum<br>e/Date | Location  | Co-<br>Author/P-<br>Issn/e-<br>ISSN |
|----------|--|---|-----------------|-----------|-------------------------------------|
| 1        | International Conference on Science Engineering and Management | Analysis of compression Technique Used for Efficient Video Transmission | 24-25 Jan 2020  | Bangalore | Dr Suvarna Nandyal.                 |
| 2        | National Conference On Information Processing                  | Secure Data Storage In Grid Environment                                 | Mar 24, 2010    | Bangalore | Mrs Puspha Mohana                   |

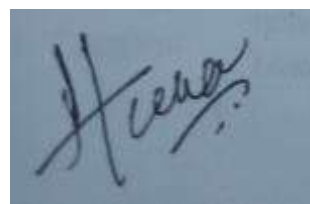
|   |  |  |                                     |            |  |
|---|--|--|-------------------------------------|------------|--|
| 3 | International Research Journal Of Engineering And Technology (IRJET) |  | Volume: 08<br>Issue: 07   July 2021 | --         | P-ISSN: 2395-0072<br><br>E-ISSN: 2395-0056 |
| 4 | Journal Of Huazhong University Of Science And Technology             | Phishing Email Detection Using Random Forest Technique   | VOLUME 50<br>ISSUE 06 - 2021        |            | ISSN-1671-4512                             |
| 5 | International Journal Of Scientific & Engineering Research (IJSER)   | A Device For Dumb And People With Usher's Syndrome Using Iot   | July 21, 2021                       |            | ISSN 2229-5518                             |
| 6 | International conference on Big Data and Cloud Computing -21         | Implementation of compression techniques for endoscopy Video using Intra Coding HEVC<br><br>(Secured Best Paper Award) | 19 August 2021                      | Tamil Nadu |  |

### 9. Courses Taught:

| S.No | Course Name                               |
|------|---|
| 1    | Database Management System                |
| 2    | Operating System                          |
| 3    | Machine Learning                          |
| 4    | IoT                                       |
| 5    | Software Architecture and Design Patterns |
| 6    | Software Engineering                      |



|    |                                 |
|----|---------------------------------|
| 7  | Data Structures                 |
| 8  | Computer Networks               |
| 9  | Data Communication              |
| 10 | Storage Area networks           |
| 11 | Management and Entrepreneurship |
| 12 | Mobile Communication            |

A handwritten signature in black ink on a light blue background. The signature is stylized and appears to read 'Heena Kouser'.

**(Heena Kouser )**

## Faculty Profile

1. **Name** : **SREEKANTHA B**
2. **Highest Qualifications** : **B.E, M.Tech, (PhD)**  
Electronics &  
Communication  
Engineering
3. **Academic Performance** :



| Qualifications                       | Board / IIT / University | Institute and place where studied |
|--------------------------------------|--------------------------|-----------------------------------|
| <b>Ph.D(ECE)</b><br><b>(Pusuing)</b> | VTU Belgaum              | VKIT Bangalore                    |
| <b>M.Tech(DEC)</b>                   | VTU Belgaum              | AMC Bangalore                     |
| <b>B.E (ECE)</b>                     | VTU Belgaum              | EWIT Bangalore                    |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Assistant Professor | 23-10-2020 | Till Date  | HKBKCE Bangalore       |
| Assistant Professor | 07-06-2011 | 17-02-2020 | RRIT Bangalore         |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <ol style="list-style-type: none"> <li>1. Published a paper titled "Prediction of crop yield in Indian Agriculture using Machine Learning Algorithm "in IJRAR, Vol 9, Issues 1, March 2022.</li> <li>2. Published a paper titled "Automated Detection of Non-Melanoma Skin Cancer" in IJRAR, Vol 9, Issues 1, March 2022.</li> </ol>   |
| <b>2020-21</b> | <ol style="list-style-type: none"> <li>3. Attended International conference on Intelligent computing, smart communication and network technologies ICICSCNT 2021 and Presented paper "Design and Development of Radio Frequency Power Sensing Unit" on 26<sup>th</sup> and 27<sup>th</sup> March 2021.</li> <li>4. Attended International conference on Intelligent computing, smart communication and network technologies ICICSCNT 2021 and Presented paper "Design and Development of Radio Frequency Power Sensing Unit" on 26<sup>th</sup> and 27<sup>th</sup> March 2021.</li> </ol> |

|                |  |
|----------------|--|
|                | <p>5. Attended International conference on International conference advance in science, Engineering and Technology ICASET 2021 and Presented paper " Intelligent Road Lightning design using wireless sensor network" on 21<sup>st</sup> and 22<sup>nd</sup> May 2021.</p> <p>6. Attended International conference on Contemporary approach on revolutionary technique in Science and Engineering ICCSE 2021 and Presented paper " Design and Implementation of MANET connected IOT System" on 9<sup>th</sup> and 10<sup>th</sup> April 2021.</p> <p>7. Published a paper titled "Augmented Reality E-Commerce assistant system: Trying while shopping" in IJIRSET Vol 10, Issues 7, July 2021.</p> <p>8. Published a paper titled "Development of Power Monitoring unit using LABVIEW in IRJET Vol 8, Issues 7, June 2021.</p> <p>9. Published a paper titled "Intelligent road lighting design using wireless sensor network" in IJERCSE, Vol 8, Issues 5, MAY 2021.</p> <p>10. Published a paper titled "Face based CCTV attendance monitoring system using deep face recognition" in IRJET, Vol 8, Issues 6, June 2021.</p> <p>11. Published a paper titled "Diabetic Retinopathy Detection " in IJARCCCE Vol 10, Issues 7, July 2021.</p> |
| <b>2019-20</b> | <p>1. Published a paper titled " Tracking of fuel Road tankers for anti pilferage and anti adulteration" in IJSRR, vol 7, issues 5, May 2019, ISSN No: 7021-2008.</p>  |
| <b>2018-19</b> | <p>1. Published a paper titled "Design and Implementation of Robotic Arm using Proteus Design tool and Arduino-uno" in IJSR Journal, ISSN: 2250-0138, Indian J.Sci.Res. 17(2): 126-131, 2018.</p>  |
| <b>2017-18</b> | <p>1. Attended International conference on "Current Research on Embedded Information and Computer Technologies (ICEICT-2017)" and presented paper titled "Robotic four wheeler for Health Monitoring" held in R R Institute of Technology, on 02/06/17 and 03/06/17.</p> <p>2. Published a paper titled "Robotic four Wheeler for Health Monitoring", Published Paper in International Conference on Current Research on Embedded, Information and Computer Technologies (ICEICT-17), Vol 6, Issue 6, ISSN 2394-6849</p>   |

### 9. Courses Taught:

| S.No | Course Name  |
|------|--|
| 1.   | Analog and Digital Electronics- 18CS33             |
| 2.   | Microcontroller and Embedded System- 18CS44        |
| 3.   | Analog and Digital Electronics Laboratory- 18CSL37 |

|     |   |
|-----|---|
| 4.  | Microcontroller and Embedded System Laboratory- 18CSL48 |
| 5.  | Cryptography and Network Security- 17CS61               |
| 6.  | Storage Area Network- 18CS822                           |
| 7.  | Wireless Sensor Network                                 |
| 8.  | Electronic Devices                                      |
| 9.  | <i>Microprocessor</i>                                   |
| 10. | <i>Network Security</i>                                 |
| 11. | <i>Fundamentals of HDL</i>                              |
| 12. | <i>Micro Electronic circuits</i>                        |
| 13. | <i>Digital Switching System</i>                         |
| 14. | <i>Optical fiber Communication</i>                      |
| 15. | <i>Field Theory</i>                                     |
| 16. | <i>Network Analysis</i>                                 |
| 17. | <i>GSM</i>  |
| 18. | <i>Basic Electronics</i>                                |

*SreeK*

## Faculty Profile

1. **Name** : **Prof. Bibiana Jenifer J**
2. **Highest Qualifications** : **M.E.-CSE**  
Computer Science and Engineering
3. **Academic Performance** : **First Class with Distinction**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.Tech (IT)</b> | Anna University          | DMI College of Engineering        |
| <b>M.Tech(CSE)</b> | Anna University          | Adhiyamaan College of Engineering |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To       | Institution / Industry                               |
|---------------------|------------|----------|--|
| Assistant Professor | March 2019 | Till now | <b>HKBK College Of Engineering, Bangalore, INDIA</b> |
|                     |            |          |  |
|                     |            |          |  |
|                     |            |          |  |
|                     |            |          |  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <b>1.Title of the paper:</b> Prediction Of Crop Yield In Indian Agriculture Using Machine Learning Algorithm<br><b>Name of the Journal:</b> IJRAR<br>© 2022 IJRAR March 2022, Volume 9, Issue 1<br>(E-ISSN 2348-1269, P- ISSN 2349-5138) |
| <b>2020-21</b> | <b>1.Title of the paper:</b> Plastic Recycling Based Smart and Secure Mobile Charger for Public places<br><b>Name of the Journal:</b> Journal of Huazhong University of Science and Technology   |

|                |   |
|----------------|---|
|                | <b>VOLUME 50 ISSUE 06 - 2021</b><br><br><b>1671-4512</b><br><br><b>2. Title of the paper:</b> Design and Implementation of MANET connected IOT System<br><b>Name of the Conference:</b> International conference on Contemporary approach on revolutionary technique in Science and Engineering<br><b>3. Title of the paper:</b> Phishing Email Detection Using Random Forest technique<br><b>Name of the Journal:</b> Journal of Huazhong University of Science and Technology<br>ISSN-1671-4512 |
| <b>2019-20</b> | NII   |
| <b>2018-19</b> | NII   |
| <b>2017-18</b> | NII   |
|                |   |

#### 9. Courses Taught:

| S.No           | Course Name                                     |
|----------------|---|
| <b>18CS51</b>  | Management and Entrepreneurship for IT Industry |
| <b>17CS754</b> | Storage Area Network                            |
| 18CS52         | Computer Network and Security                   |
| 18CS63         | Web Technology and its Application              |
| <b>18CS43</b>  | Operating System                                |
| 18CSL57        | Computer Networks Laboratory                    |



**Digital Sign**  
**(Bibiana Jenifer J)**



## Faculty Profile

1. **Name** : RESHMA RAJ

2. **Highest Qualifications** : M Tech ( Computer Science and Engineering)  
B Tech ( Information Technology)

3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied  |
|--------------------|--------------------------|------------------------------------|
| <b>M.Tech(CSE)</b> | MG, kottayam             | Amal Jyothi College of Engineering |
| <b>B.E (IT)</b>    | CUSAT, kochi             | M.G College of Engineering         |

4. **Gender** : Female

5. **Present Status** : Assistant Professor

6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA

7. **Experience** (Starting from the latest to the earliest)

| Designation         | From | To        | Institution / Industry                      |
|---------------------|------|-----------|---|
| Assistant Professor | 2018 | 2020      | Mary Matha Arts and Science College, Wyanad |
| Assistant Professor | 2020 | Till date | HKBKCE Bangalore                            |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year        | Name, title of the paper, Conference /Journal, venue and date / Details  |
|-------------|--|
| <b>2016</b> | Published paper titled, “Key point Extraction Using SURF Algorithm For CMFD “, Elsevier Journal Procedia Computer Science ( 2016 ) |
| <b>2016</b> | Published “Copy Move Forgery Detection “, in Research Symposium on Intelligent Information Systems & Network, 12/01/ 2016          |
| <b>2014</b> | Published “A Survey on Communication for Smartphones “, in IJMTER 2014   |

### 9. Teaching Areas

| S.No       | Name Of Areas                 |
|------------|-------------------------------|
| <b>19.</b> | Computer Network and Security |
| <b>20.</b> | Data Mining                   |

|     |                          |
|-----|--------------------------|
|     |                          |
| 21. | Big Data Analysis        |
| 4.  | Computer Organization    |
| 5.  | Data Communication       |
| 6.  | Operating Systems        |
| 7.  | Digital Image Processing |



(Reshma Raj)

## Faculty Profile

1. **Name** : **Priyanka K**
2. **Highest Qualifications** : **B.E, M.Tech, (PhD)**  
Computer Science & Engineering
3. **Academic Performance** :



| Qualifications                        | Board / IIT / University | Institute and place where studied |
|---------------------------------------|--------------------------|-----------------------------------|
| <b>Ph.D(CSE)</b><br><b>(Pursuing)</b> | VTU Belgaum              | PESCE Mandya                      |
| <b>M.Tech(CSE)</b>                    | VTU Belgaum              | PESCE Mandya                      |
| <b>B.E (CSE)</b>                      | VTU Belgaum              | PESCE Mandya                      |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                        |
|---------------------|------------|------------|---|
| Assistant Professor | 06-11-2020 | Till Date  | HKBKCE Bangalore                              |
| Assistant Professor | 25-01-2019 | 30-10-2020 | Nagarjuna College of Engineering<br>Bangalore |

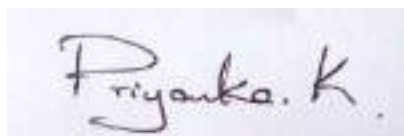
### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | <p>1. Published a paper titled “Prediction of crop yield in Indian Agriculture using Machine Learning Algorithm “in IJRAR, Vol 9, Issues 1, March 2022.</p> <p>2. Published a paper titled “A Review on IOT based Automated seat Allocation and verification using QR Code“ in IJRAR, Vol 9, Issues 1, March 2022.</p> <p>3. Published Patent titled “Utpatti – Farmers Online Market App” in IPR on 13/08/2021. <b>Application no: 202141034018 A</b>, Journal No.33/2021.</p> <p>4. Published Patent titled “IoT and AI based Intelligent Rover to Discover Habitable-Zones on Planets” in IPR on 10/12/2021 <b>Application no: 202141053443 A</b>, Journal Number- 50/2021.</p> <p>5. Authored book title “Practical Approach to Learn Computer Networks”, ISBN- 978-93-5593-068-2, December - 2021.</p> |

|         |   |
|---------|---|
|         | <p>6. Authored book title “A Pragmatic Guide to Web Development”, ISBN - 978-93-5593-810-7, December - 2021.</p>  |
| 2020-21 | <ol style="list-style-type: none"> <li>1. Published paper titled “<b><i>AN EFFECTIVE AUTOMATED MONITORING AND CONTROLLING OF POULTRY FARM USING IoT</i></b>”, International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 04   Apr-2020. ISSN: 2395-0056.</li> <li>2. Published paper titled “<b><i>INTELLIGENT ROAD LIGHTNING DESIGN USING WIRELESS SENSOR NETWORK</i></b>”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Volume:08 Issue:05   May-2021. ISSN: 2394-2320.</li> <li>3. Published paper titled “<b><i>DEVELOPMENT OF POWER MONITORING UNIT USING LABVIEW</i></b>”, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 06   June-2021. ISSN: 2395-0056.</li> <li>4. Published paper titled “<b><i>EARLY DETECTION OF MELANOMA USING FUZZY LESION ANALYSIS SYSTEM</i></b>”, International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Volume: 10 Issue: 07   July - 2021. ISSN: 2278-1021</li> <li>5. Presented paper titled “<b><i>DESIGN AND DEVELOPMENT OF RADIO FREQUENCY POWER SENSING UNIT</i></b>”, in International Conference on Intelligent Computing, Smart Communication And Network Technologies- (ICICSCNT 2021), held at R.M.K. Engineering College on 26th and 27th March-2021.</li> <li>6. Presented paper titled “<b><i>DEVELOPMENT OF POWER MONITORING UNIT USING LABVIEW</i></b>”, International Conference on Contemporary Approach on Revolutionary Techniques in Science and Engineering – (ICCSE 2021), held at Indra Ganesan College of Engineering on 9th and 10th April-2021.</li> <li>7. Presented paper titled “<b><i>INTELLIGENT ROAD LIGHTNING DESIGN USING WIRELESS SENSOR NETWORK</i></b>”, International Conference on Advances in Science, Engineering and Technology – (ICASET 2021), held at KSRM College of Engineering on 21st and 22nd May-2021.</li> </ol> |
| 2019-20 | <ol style="list-style-type: none"> <li>1. Published paper titled, “<b><i>CHRONIC KIDNEY DISEASE PREDICTION BASED ON NAÏVE BAYES TECHNIQUE</i></b>”, International Research Journal of Engineering and Technology (IRJET), Volume: 06 Issue: 09   Sep-2019. ISSN: 2395-0056.</li> </ol>  |
| 2018-19 | <ol style="list-style-type: none"> <li>1. Published paper titled “<b><i>AN INTELLIGENT IoT BASED WASTE DISSOCIATION AND MONITORING SYSTEM</i></b>”, International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume. 6, Issue 4, April 2018. ISSN: 2320-9801</li> <li>2. Published paper titled “<b><i>AN EFFECTIVE AUTOMATED IRRIGATION CONTROL AND MONITORING SYSTEM USING RASPBERRY PI</i></b>”, International Research Journal of Engineering and Technology (IRJET), Volume:05 Issue:04   Apr-2018. ISSN: 2395-0056</li> </ol>  |

### 9. Courses Taught:

| S.No | Course Name  |
|------|--|
| 22.  | Microcontroller and Embedded System- 18CS44                      |
| 23.  | Microcontroller and Embedded System Laboratory- 18CSL48          |
| 24.  | Internet of Things- 18CS81                                       |
| 25.  | Data Communication- 18CS46                                       |
| 26.  | Database Management System- 18CS53                               |
| 27.  | Computer Network and Security-18CS62                             |
| 28.  | Big Data Analytics- 18CS72                                       |
| 29.  | Database Management System Lab with Mini Project- 18CSL58        |
| 30.  | Object oriented modeling and Design- 15/17CS551                  |
| 31.  | Web Technology and its Application 15/17CS51                     |
| 32.  | Web Technology and its Application with Mini Project- 15/17CSL57 |
| 33.  | Embedded System  |
| 34.  | Computer concept and C Programming                               |
| 35.  | Cloud Computing  |
| 36.  | Computer Network and Security Lab                                |

A handwritten signature in black ink, reading "Priyanka K.", is centered at the bottom of the page. The signature is written in a cursive, flowing style.

## Faculty Profile

1. **Name** : **Prof. Anusha K V**
2. **Highest Qualifications** : **M.Tech**  
Computer Science and Engineering
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied                |
|--------------------|--------------------------|--|
| <b>B.E (CSE)</b>   | VTU Belgaum              | C Byregowda Institute of Technology, Kolar.      |
| <b>M.Tech(CSE)</b> | VTU Belgaum              | Dr. Ambedkar Institute of Technology, Bengaluru. |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry       |
|---------------------|------------|------------|------------------------------|
| Assistant Professor | 21-10-21   | Till Date  | HKBKCE, Bengaluru            |
| QA Engineer         | 01-12-2017 | 30-06-2019 | ITI Limited, Bengaluru Plant |

8. **Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2020-21</b> | Journal of Emerging Technologies and Innovative Research published on “Automation Detection of COVID-19 Cases Using X-Ray Images and Deep Neural Networks” Vol 08 Issue 10, ISSN: 2349-5162, October 2021. |

9. **Courses Taught:**

| Sl.No     | Course Name             |
|-----------|-------------------------|
| <b>1.</b> | Software Testing-18IS62 |

(ANUSHA K V)

## Faculty Profile

1. **Name** : **Professor Priya J**
2. **Highest Qualifications** : **MTech**  
Computer Network & Engg.
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ISE)</b>   | VTU Belgaum              | HKBKCE, Bangalore                 |
| <b>M.Tech(CSE)</b> | VTU Belgaum              | RIT, Bangalore                    |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From     | To        | Institution / Industry |
|---------------------|----------|-----------|------------------------|
| Assistant Professor | 21-10-21 | Till Date | HKBKCE Bangalore       |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | International Journal of Scientific Research in Science, Engineering and Technology published on A Review on MY-SR Next Generation Automated Gas Safety System Using IoT” Vol 9   Issue 2 Print ISSN: 2395-1990   Online ISSN : 2394-4099, March-April 2022 |
|                | International Journal of Research and Analytical Reviews published on “AUTOMATED HYDROPONICS SET-UP USING IOT” , Volume 9, Issue 1 , (E-ISSN 2348-1269, P-ISSN 2349-5138, March 2022  |
| <b>2017-18</b> | International Research Journal of Engineering and Technology published on “WATER LEVEL MONITORING SYSTEM USING IOT” Vol 04 Issue: 12, ISSN 2395-0056, December 2017.  |
|                | International Research Journal of Engineering and Technology published on “Security and Privacy Protection of Medical Sensor Data of Patient using IOT” Vol 04 Issue:12, ISSN 2395-0056, December 2017.   |



|  |  |
|--|--|
|  | National Conference on “MAKING OF A DIGITAL INDIA – RENEWED CHALLENGES, OPPORTUNITIES AND EFFECTIVE DELIVERABLES” on November 16th and 17th, 2017 at Ramaiah Institute of Technology, Bengaluru-54. Title of “Security and Privacy Protection of Medical Sensor Data of Patient Using IOT. |
|--|--|

### 9. Courses Taught:

| Sl.No | Course Name                           |
|-------|---------------------------------------|
| 1.    | Computer Network and Security- 18CS52 |
| 2.    | Computer Network Laboratory- 18CSL57  |
| 3.    | Big Data Analytics- 18CS71            |



(PRIYA J)

## Faculty Profile

1. **Name** : Naheem M R
2. **Highest Qualifications** : MTech  
Computer Science & Egg
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | VTU BELAGAVI             | CIT, PONNAMPET                    |
| <b>M.Tech(CSE)</b> | VTU BELAGAVI             | VTU RO CENTER,MYSURU              |
| <b>Ph.D(CSE)</b>   |                          |                                   |

4. **Gender** : Male .
5. **Present Status** : Assistant Professor.
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Assistant Professor | 26-10-2021 | Till Date  | HKBKCE,                |
| Assistant Professor | 2-02-2020  | 31-03-2021 | FGCM                   |
| Assistant Professor | 01-04-2021 | 31-08-2021 | SJDC                   |
|                     |            |            |                        |
|                     |            |            |                        |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> |   |
| <b>2019-20</b> |   |
| <b>2018-19</b> | Naheem MR,<br><b>Android Based Voting System for Mobile Device International Research Journal of Engineering and Technology (IRJET)</b> e-ISSN: 2395-0056 Volume: 05 Issue: 03   Mar-2018 www.irjet.net p-ISSN: 2395-0072 |
| <b>2017-18</b> | International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT   Volume 4   Issue 6   ISSN : 2456-3307   |

|  |   |
|--|---|
|  | <b>Remote Voting System for Mobile Device Using Android Based</b> |
|  |   |

**9. Courses Taught:**

| <b>S.No</b> | <b>Course Name</b>             |
|-------------|--------------------------------|
| <b>1</b>    | WEB TECHNOLOGY AND APPLICATION |
| <b>2</b>    | MOBILE APPLICATION DEVELOPMENT |
| <b>3</b>    | SOFTWARE ENGINEERING           |
| <b>4</b>    | AI/ ML LAB                     |
|             |                                |
|             |                                |



**Digital Sign  
(NAHEEM M R)**

## Faculty Profile

1. **Name** : Mr. Usman Aijaz N
2. **Highest Qualifications** : M.Tech (Ph.D)  
Computer Science & Engg
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ISE)      | VTU                      | VVIET Mysore                      |
| M.Tech(CSE)    | VTU                      | DSCE Bangalore                    |
| Ph.D(CSE)      | VTU                      | HKBKRC Bangalore                  |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation         | From           | To             | Institution / Industry                      |
|---------------------|----------------|----------------|---|
| Assistant Professor | October 2021   | Present        | HKBK College Of Engineering, Bangalore      |
| Assistant Professor | September 2012 | October 2021   | Brindavan College Of Engineering, Bangalore |
| Assistant Professor | July 2007      | September 2012 | KNS Institute of Technology                 |
| Lecturer            | June 2005      | June 2007      | KNS Institute of Technology                 |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | <ol style="list-style-type: none"> <li>1. International Journal of Wireless and Microwave Technologies , D-TS: A Trusted Framework for DNS Based Authentication of Named Entities, Scopus Indexed journal, Vol.11, No.6, pp. 30-45, 2021.DOI: 10.5815/ijwmt.2021.06.04</li> <li>2. International Journal of Wireless and Microwave Technologies(IJWMT), Scopus Indexed journal, ENABLING TRUST IN SINGLE SIGN-ON USING DANE, Scopus Indexed journal, Vol.12, No.1, pp. 41-53, 2022.DOI: 10.5815/ijwmt.2022.01.05</li> <li>3. International Journal of Trend in Scientific Research and Development (IJTSRD), A Survey of DDOS Attacks and Solutions Using Packet Filtering Mechanism, Volume-4 Issue-5, ISSN: 2456 – 6470</li> </ol> |
| 2020-21 | <ol style="list-style-type: none"> <li>1. IDSCS 2021 ( Proceedings by Springer SCOPUS Series ) :: Survey on DNS-Specific Security Issues and Solution Approaches Data Science and</li> </ol>   |

|         |   |
|---------|---|
|         | Security, pp 79-89, 16 - 17 April, 2021   Lavasa, Pune - India<br><br>2. 5th International Conference on Intelligent Computing and Control Systems (ICICCS-2021) TDANE: Mechanism for Validation of Domain Certificates for Trusted Browsing, Tamilnadu pp. 1-8, doi: 10.1109/ICICCS51141.2021.9432284. |
| 2019-20 | NIL   |
| 2018-19 | 1. Perspectives in Communication, Embedded-systems and Signal-processing- PiCES Malware Detection on Server using Distributed Machine Learning, Volume 2 Issue 7 Pages 172-175  |
| 2017-18 | NIL   |
|         |   |

#### 9. Courses Taught:

| Sl.No | Course Name                                  |
|-------|--|
| 1.    | Machine Learning                             |
| 2.    | Artificial Intelligence and Machine Learning |
| 3.    | Cloud Computing and its Application          |
| 4.    | Data Communication                           |
| 5.    | Computer Network                             |
| 6.    | Computer organization                        |
| 7.    | Network Management                           |
| 8.    | Problem Solving through Programming          |
| 9.    | Python Application Development               |

**Digital Sign**  
**(Usman Aijaz N)**

## Faculty Profile

1. **Name** : Soumyashree
2. **Highest Qualifications** : **Ph.D.(Pursuing)**  
Digital Image Processing
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ISE)</b>   | VTU Belagavi             | AIET Kalaburagi                   |
| <b>M.Tech(CSE)</b> | VTU Belagavi             | VTU Kalaburagi                    |
| <b>Ph.D(CSE)</b>   | VTU Belagavi             | DR.AIT Bengaluru                  |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation    | From | To        | Institution / Industry                 |
|----------------|------|-----------|--|
| Asst.Professor | 2021 | Till date | HKBK College Of Engineering, Bangalore |
| Asst.Professor | 2017 | 2019      | HKBK College Of Engineering, Bangalore |
| Asst.Professor | 2013 | 2016      | AIET Kalaburagi                        |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1.Prof.Soumyashree “Debris Assortment Rover Using IOT & Video Processing Solid Dry Waste Collector” ISSN(online):2439 -9745 ISSN(print):2393-8161  |
|                | 2. Prof.Soumyashree “A Novel Approach of Hyperspectral Imaging Classification using Hybrid ConvNet” (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 13, No. 3, 2022- Web of Science                     |
| <b>2020-21</b> | Soumyashree “Object Classification from a Hyper Spectral Image using Spectrum Bands with Wavelength and Feature Set”- Conference Paper in Springer Publication - 2021. (CSOCC – 2021) Springer, Czech Republic ISSN: 2194-5357-2021 Scopus |
| <b>2019-20</b> | Soumyashree “Literature Survey on IOT based smart talking energy meter “International Journal of Research in Engineering, Science and Management Volume-   |

|                |   |
|----------------|---|
|                | 2, Issue-4, April-2019 ,ISSN (Online): 2581-5792,UGC  |
| <b>2018-19</b> | <p>1.Soumyashree M Panchal “A Survey on security and Privacy Methods of Big data in Cloud Computing Environment “International Journal of Advance Research, Ideas and Innovations in Technology, Volume 3 Issue - 6 ISSN: 2454-132X UGC.</p> <p>2. Soumyashree M Panchal Assessing Effectiveness of Exercised Variants of Machine Learning Techniques in ‘Blue Eyes Intelligence Engineering and Sciences Publication’ ‘International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-9 Issue-4, February 2020, Page No. 3259-3267. ISSN: 2278–3075 Scopus</p> |
| <b>2017-18</b> | nil   |
|                |   |

### 9. Courses Taught:

| S. No | Course Name                      |
|-------|----------------------------------|
| 1.    | Discrete Mathematical Subject    |
| 2.    | Object oriented programming      |
| 3.    | Graph theory                     |
| 4.    | Design and analysis of algorithm |
| 5.    | Computer networks                |
| 6.    | Data communication               |
| 7.    | Data mining and data warehouse   |
| 8.    | System modelling and simulation  |
| 9.    | File structure                   |
| 10.   | Operating system                 |
| 11.   | Web technology and application   |



**Digital Sign  
(Soumyashree Pattar)**



## Faculty Profile

1. **Name** : Megha S
2. **Highest Qualifications** : M.tech
3. **Academic Performance** : Information Science



| Qualifications | Board / IIT / University | Institute and place where studied                |
|----------------|--------------------------|--|
| B.E (ISE)      | VTU                      | Rajarajeshwari College of Engineering, Bangalore |
| M.Tech(ISE)    | VTU                      | Dr.Ambedkar Institute of Technology              |

4. **Gender** : Female
5. **Present Status** : AssistantProfessor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest):** 2 years

| Designation               | From      | To         | Institution / Industry                   |
|---------------------------|-----------|------------|--|
| Assistant professor (BCA) | 5/10/2019 | 30/11/2021 | East west College of Business Management |
|                           |           |            |  |
|                           |           |            |  |
|                           |           |            |  |
|                           |           |            |  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | Smart wearable system for COVID 19 patients, IJRZR, VOL1, IDSUE 9, March 2022<br>Design of mulitimodel Interface to establish communication among differently aimed people using IOT, IJSRST, Volume 9, issue 2, March 2022. |
| 2020-21 |  |
| 2019-20 | IN VEHICLE INFOTAINMENT USING HAND GESTURES", International Journal of Engineering Applied Science of Technology (IJEAST), Volume. 6, Issue:23/3/2021. Paper ID 2148   |
| 2018-19 |  |
| 2017-18 | ,"CROSS BREED PROVABLE DATA POSSESSION AT UNTRUSTED STORES IN CLOUD", International Journal Research in Computer Engineering   |

|  |   |
|--|---|
|  | and Technology(IJARCET) <a href="http://ijarcet.org/page_id=5070">http://ijarcet.org/page_id=5070</a> . |
|  |   |

### 9. Courses Taught:

| S.No | Course Name           |
|------|-----------------------|
| 1    | Computer organisation |
| 2    | Data structures       |
| 3    | Unix programming      |
| 4    | Network management    |
| 5    | Software testing      |
|      |                       |

**Digital Sign  
(name)**

## Faculty Profile

1. **Name** : **SNEHA K**
2. **Highest Qualifications** : **ME CSE**  
Computer Science & Engg
3. **Academic Performance** : **FIRST CLASS**



| Qualifications   | Board / IIT / University | Institute and place where studied |
|------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b> | VTU                      | SDMCET,DHARWAD                    |
| <b>ME(CSE)</b>   | ANNA UNIVERSITY          | JEC, CHENNAI                      |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From      | To         | Institution / Industry                           |
|---------------------|-----------|------------|--|
| ASSISTANT PROFESSOR | 1.2.2022  | -          | HKBK COLLEGE OF ENGINEERING                      |
| ASSISTANT PROFESSOR | 9.2.2021  | 10.1.2022  | VELTECH MULTITECH ENGINEERING COLLEGE            |
| LECTURER            | 11.6.2012 | 24.08.2012 | PALAKKAD INSTITUTE OF ENGINEERING AND TECHNOLOGY |
| LECTURER            | 15.7.2010 | 10.05.2012 | SVIT   |
|                     |           |            |  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details                                       |
|----------------|---|
| <b>2021-22</b> | Patent<br>TITLE NAME: Artificial Intelligence prediction system on COVID 19 spread<br>Published on:03/12/2021 |
| <b>2020-21</b> |   |
| <b>2019-20</b> |   |
| <b>2018-19</b> |   |
| <b>2017-18</b> |   |
|                |   |

### 9. Courses Taught:

| S.No | Course Name                          |
|------|--------------------------------------|
| 1    | Internet of Things                   |
| 2    | Problem solving with Python          |
| 3    | Software Engineering                 |
| 4    | Finite Automata and formal Languages |
| 5    | Network security                     |
| 6    | Web Technology                       |



**Digital Sign  
(name)**

## Faculty Profile

1. **Name** : **Divya jyothi**
2. **Highest Qualifications** : **M.Tech**  
Computer Networking and engg
3. **Academic Performance** : **First class with Distinction**



| Qualifications | Board / IIT / University | Institute and place where studied        |
|----------------|--------------------------|--|
| B.E (CSE)      | VTU                      | Guru Nanak Dev engineering college Bidar |
| M.Tech(CNE)    | VTU                      | Reva institute of technology Bangalore   |
| Ph.D           | -                        | -  |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | April-2022 | Till date | HKBK College of Engineering |
| IT Trainer(CCNA)    | Dec- 2016  | May-2018  | IIHT Bangalore              |
| Networking trainee  | July-2013  | July-2014 | VMware pvt ltd              |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2013-14 | Presented a seminar on <b>Data center management and its performance</b> in National conference held at BKIT bhalki in 2014 |

### 9. Courses Taught:

| S.No | Course Name       |
|------|-------------------|
| 1    | Networking(CCNA), |

(Prof.Divya jyothi)

## Faculty Profile

1. **Name** : **MOHAMED IMTIAZ N**
2. **Highest Qualifications** : **M.TECH (IT)**
3. **Academic Performance** : **FIRST CLASS**



| Qualifications                  | Board / IIT / University  | Institute and place where studied           |
|---------------------------------|---------------------------|---|
| <b>B.Tech (IT)</b>              | ANNA UNIVERSITY           | B.S.A CRESCENT ENGINEERING COLLEGE, CHENNAI |
| <b>M.Tech(IT)</b>               | SATHYABAMA UNIVERSITY     | SATHYABAMA UNIVERSITY, CHENNAI              |
| <b>M.B.A (HR)</b>               | TAMILNADU OPEN UNIVERSITY | TAMILNADU OPEN UNIVERSITY                   |
| <b>Ph.D(ICE)<br/>(Pursuing)</b> | ANNA UNIVERSITY           | ANNA UNIV (PART TIME MODE)                  |

4. **Gender** : **MALE**
5. **Present Status** : **ASSISTANT PROFESSOR**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From      | To         | Institution / Industry                    |
|---------------------|-----------|------------|---|
| Assistant professor | May 2022  | Till date  | HKBK College of Engineering               |
| Assistant professor | June 2014 | April 2022 | GRT Institute of Engineering & Technology |
| Lecturer            | June 2013 | July 2013  | Sathyabama University                     |
| Lecturer            | Dec 2011  | May 2013   | S.A Engineering College                   |
| Lecturer            | June 2011 | Oct2011    | Magna College of Engineering              |
| Lecturer            | Dec 2007  | June 2011  | Dhaanish Ahmed College of Engineering     |

## 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

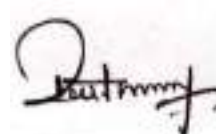
| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | <p>Dr.VadhriSuryanarayana, Mohamed Imtiaz N, Dr.Swapna.T, Hari Kumar Buddha,“<b>MACHINE LEARNING BASED FACE RECOGNITION SYSTEM</b>”, International Journal of Mechanical Engineering, ISSN : 0974-5823, Vol.6 No. 1 January – June, 2021.</p> <p>K. Meena, J. N. Swaminathan, T. Rajendiran, S. Sureshkumar, N. Mohamed Imtiaz “<b>AN AUTOMATED ATTENDANCE SYSTEM THROUGH MULTIPLE FACE DETECTION AND RECOGNITION METHODS</b>”, Journal of Interconnection Networks, Innovative Data Communication Technologies and Application pp 225-234 DOI <a href="https://doi.org/10.1007/978-981-16-7167-8_17">https://doi.org/10.1007/978-981-16-7167-8_17</a>, Online ISBN978-981-16-7167-8 <a href="https://link.springer.com/chapter/10.1007/978-981-16-7167-8_17">https://link.springer.com/chapter/10.1007/978-981-16-7167-8_17</a>.</p> <p>Gunasekaran, Prakash V S, Amitabh Wahi, N Mohamed Imtiaz “<b>LEXICON BOOSTED BAYESIAN CLASSIFICATION FOR POPULARITY PREDICTION OF MOVIES WITH IMPROVED ACCURACY USING TWITTER CORPUS</b>”, Turkish Journal of Computer and Mathematics Education. Vol.12 No. 7 (2021), 1669-1675. Published online: 16 April 2021 <a href="https://dergipark.org.tr/en/pub/turkbilmat">https://dergipark.org.tr/en/pub/turkbilmat</a></p> <p><b>INTERNATIONAL PATENT (CERTIFICATION OF GRANT – INNOVATION PATENT) TITLE:“WORK ENVIRONMENT HUMAN HEALTH ANALYSIS AND AUTOMATED PREDICTION USING MACHINE LEARNING TECHNIQUES”(March 2021).</b></p> <p><b>INDIAN PATENT :</b> The Patent Office Journal No. 24/2020 dated <b>07/04/2022</b><br/>Application Number <b>202241020978</b><br/><b>TITLE : MULTISENSORY MODEL FOR SENSING AND REPORTING HARMFUL GAS EMISSIONS</b></p> <p><b><u>INTERNATIONAL CONFERENCE</u></b></p> <p>Paper entitled “<b>Road Obstacles Detection using Convolution Neural Network and Report using IoT</b>” for publication in the <b>4<sup>th</sup> International Conference on Smart Systems and Inventive Technology (ICSSIT 2022).</b></p> <p>Paper entitled “<b>AN AUTOMATED ATTENDANCE SYSTEM THROUGH MULTIPLE FACE DETECTION AND RECOGNITION METHODS</b>” in <b>3<sup>rd</sup> International Conference On Innovative Data Communication Technologies and Application (ICIDCA 2021)</b> organized by RVS College of Engg, Coimbatore (Aug-2021).</p> |
| 2020-21 | <p>Jagadeesh.K, Rajendran.T, Mohamed Imtiaz. N “<b>AN EFFECTIVE RISK ASSESSMENT OVER ENCRYPTED KEY IMAGE ON PRIVATE CLOUD</b>” in Journal of Critical Ethics. VOL7, ISSUE 05,2020 ISSN-2394-5125</p> <p><b>INDIAN PATENT :</b> The Patent Office Journal No. 24/2020 dated 12/06/2020 Application Number 202041022294 A</p> <p><b>TITLE :“AN APPROACH FOR HIGH SPEED AND SECURE BACK PROPAGATION</b></p>   |



|         |  |
|---------|--|
|         | <p>LEARNING USING UPRIGHT PARTITIONED DATA WITH IOT”</p> <p><b><u>INTERNATIONAL CONFERENCE</u></b></p> <p>Paper entitled “<b>SECURITY CHALLENGES AND PRIVACY ISSUES ON INTERNET OF THINGS DEVICES FROM PERSONAL TO INDUSTRIAL PERSPECTIVE</b>” in the Virtual International Conference on Research Trends in Deep Learning, Big Data and IoT during 26<sup>th</sup> and 27<sup>th</sup> February 2021 organized by the Department of Computer Science and Engineering.</p> |
| 2019-20 | <p>Rajendran T, Baskar M, Gnanasekaran T, Mohamed Imtiaz N “<b>CLASS BASED SEMANTIC FEATURE SIMILARITY FOR EFFICIENT IMAGE MINING USING BC PATTERNS</b>” in International Journal of Innovative Technology and Exploring Engineering(IJITEE) ISSN : 2278-3075, Volume-8 Issue-6, April 2019</p> <p>Link : <a href="https://www.ijitee.org/wp-content/uploads/papers/v8i6/F3598048619.pdf">https://www.ijitee.org/wp-content/uploads/papers/v8i6/F3598048619.pdf</a></p>    |
| 2018-19 | <p>Paper entitled “<b>Identification of best cloud service provider using MHT</b>” in ICSSS Paper Presentation held at Saveetha Engineering College, Chennai.</p>  |

#### 9. Courses Taught:

| S.No | Course Name                            |
|------|--|
| 1    | Cloud Computing                        |
| 2.   | Grid and Cloud Computing               |
| 3.   | Artificial Intelligence                |
| 4.   | Problem Solving and Python Programming |
| 5.   | Operating Systems                      |
| 6.   | Software Engineering                   |
| 7.   | Object oriented programming (JAVA)     |
| 8.   | Design and Analysis of Algorithms      |
| 9.   | Green Computing                        |
| 10.  | Software Project Management            |
| 11.  | Programming in C                       |



(Mohamed Imtiaz N)

## Faculty Profile

1. **Name** : **Dr. Latha R.**
2. **Highest Qualifications** : **Ph.D.**  
Electronics &  
Communication Engg.
3. **Academic Performance** :



| Qualifications                  | Board / IIT / University          | Institute and place where studied            |
|---------------------------------|-----------------------------------|--|
| <b>B.E (ECE)</b>                | Bharathiar University, Coimbatore | Government College of Technology, Coimbatore |
| <b>M.E(Applied Electronics)</b> | Bharathiar University, Coimbatore | PSG College of Technology, Coimbatore        |
| <b>Ph.D(ICE)</b>                | Anna University, Chennai          | PSG College of Technology, Coimbatore        |

4. **Gender** : **Female**
5. **Present Status** : **Professor & Head**
6. **Present Institute** : **HKBK College of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                              |
|---------------------|------------|------------|---|
| Professor & Head    | 28/07/2021 | Till Date  | HKBK College of Engineering, Bangalore              |
| Professor & Dean    | 01/07/2019 | 29/07/2021 | Trichy Engineering College, Konalai, Trichy         |
| Principal           | 15/07/2017 | 13/06/2019 | KSK College of Engineering & Technology, Kumbakonam |
| Associate Professor | 15/07/2013 | 28/10/2016 | Christ University, Bangalore                        |
| Associate Professor | 01/02/2011 | 12/07/2013 | Kumaraguru College of Technology, Coimbatore        |
| Assistant Professor | 15/07/2013 | 28/10/2016 | Kumaraguru College of Technology, Coimbatore        |
| Senior Lecturer     | 01/06/2001 | 31/08/2005 | Kumaraguru College of Technology, Coimbatore        |
| Lecturer            | 01/06/1995 | 31/05/2001 | Kumaraguru College of Technology, Coimbatore        |
| Associate Lecturer  | 01/08/1994 | 30/04/1995 | Kumaraguru College of Technology, Coimbatore        |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | <ol style="list-style-type: none"> <li>1. Published a paper titled “Robust Node Localization with Intrusion Detection for Wireless Sensor Networks” in “<b>International Journal on Intelligent Automation &amp; Soft Computing</b>” <i>Volume 33, Issue 1, January 2022, ISSN: 2326-005X, PP: 143-156. SJIF=1.647.</i><br/><b><u>Indexed by : SCI &amp; Scopus.</u></b></li> <li>2. Published a book titled “<b>Internet of Things (IoT) Architecture and Design Principles</b>” ISBN:978-620-4-73649-5. Publisher: LAP LAMBERT Academic Publishing, Europe.</li> <li>3. Presented a paper titled “FPGA Implementation of Polyphase CIC based Multistage Filter for Digital Receivers” in the International level conference on IEEE 2022 8<sup>th</sup> International Conference on Advanced Computing and Communication Systems (ICACCS), 25<sup>th</sup> – 26<sup>th</sup> March 2022 Technically Sponsored by IEEE and IEEE Madras Section.</li> <li>4. Delivered a lecture titled “Advanced Core Technologies &amp; Collaborative Research” at % Days Faculty Development Programme on “Trends and Opportunities in VLSI Technology” organized by the HKBK College of Engineering on 08/01/2022.</li> <li>5. Delivered a lecture titled “Embedded &amp; Real Time Systems” organized by the Department of ECE, Indra Ganesan College of Engineering on 15/12/2021.</li> <li>6. Organized &amp; Delivered an Orientation Programme on “Core Engineering Technologies &amp; Placement Opportunities” at HKBK College of Engineering, on 26<sup>th</sup> October 2021.</li> </ol> |
| 2020-21 | <ol style="list-style-type: none"> <li>1. Presented a lecture on “Integrating Engineering Technologies and Research Avenues” in a National level webinar on 05/08/2020, Organized by Department of ECE, KPR Institute of Engineering &amp; Technology, Coimbatore.</li> <li>2. Delivered a lecture titled “Performance Analysis of Digital &amp; CMOS Logic Circuits using LTSPICE XVII” in the AICTE sponsored six days STTP on “A Hands-on Approach for Design &amp; Implementation of Digital Circuits using Open Source Computer Aided Design (CAD) Tools-III” organized by SRM Valliammai Engineering College, Chennai on 25/11/2020.</li> <li>3. Patent on Wireless Fidelity with Dynamic Authentication Method.<br/><b>Application No:</b> 202041039079</li> <li>4. Patent on System for Monitoring and Alert User about Pandemic In Real Time and Method Thereof. <b>Application No:</b> 202041048989</li> </ol>   |

|         |  |
|---------|--|
| 2019-20 | <ol style="list-style-type: none"> <li>1. Published a paper titled "Implementation of Dual Stage Multi-rate Filter" in <b>"International Journal of Recent Technology and Engineering (IJRTE)"</b> <i>Volume 8, Issue 6, March 2020, ISSN: 2277-3878, PP: 489-494. DOI:10.35940/ijrte.F7120.018620. SJIF=0.11.</i></li> <li>2. Patent on Electronic Lock System with Multi-level Access.<br/><b>Application No:201841046549</b></li> <li>3. Patent on Electronic Device &amp; Security question &amp; Answer based Multi-locking Method Thereof. <b>Application No:201941011598</b></li> <li>4. Patent on Electronic Device &amp; Colour based Multi-locking Method Thereof.<br/><b>Application No:201941009477</b></li> <li>5. Patent on Electronic Device &amp; Speed based Multi-locking Method Thereof.<br/><b>Application No:201941009476</b></li> <li>6. Patent on Electronic Device &amp; Kolam based Multi-locking Method Thereof.<br/><b>Application No:201941011603</b></li> <li>7. Patent on Electronic Device &amp; Multi-type Forgot Password Recovery &amp; Reset Methods Thereof. <b>Application No:201941011601</b></li> </ol>   |
| 2018-19 | <ol style="list-style-type: none"> <li>1. Published a paper titled "Texture classification using optimized local ternary patterns with nonlinear diffusion as pre-processing" in <b>Springer Journal "Multimedia Tools and Applications"</b> <i>Volume 67, Issue 1, January 2019, ISSN: 1380-7501 (Print) 1573-7721 (Online), PP: 3831-3846. SJIF=1.994. Indexed by : SCI &amp; Scopus. DOI:10.1007/s11042-019-7197-0.</i></li> <li>2. Published a paper titled "An Intelligence Pregnant Lady Safety Security System" in "International Journal on Recent Researches in Science, Engineering &amp; Technology (IJRRSET)", <i>Volume 7, Issue 2, February 2019. ISSN: 2347-6729, PP:60-65. SJIF=4.334. Indexed by: UGC Approved Journal</i></li> <li>3. Published a paper titled "Efficient VLSI Architecture for 4G Crypto Processor using Milenage &amp; ZUC Algorithm" in "International Research Journal in Global Engineering and Sciences (IRJGES)", <i>Volume 3, Issue 4, February 2019. ISSN: 2456-172X, PP 36-42. IF=5.195. Indexed by: Thomson Reuters</i></li> <li>4. Published a paper titled "Dynamic resource Allocation in Mobile Cloud Computing security" in "International Journal on Recent Researches in Science, Engineering &amp; Technology (IJRRSET)", <i>Volume 7, Issue 4, April 2019. ISSN: 2347-6729, PP:42-45. SJIF=4.334. Indexed by: UGC Approved Journal</i></li> <li>5. Published a paper titled "An Efficient 2-Bit Error Compensation with Side Channel security" in "International Research Journal in Global Engineering and Sciences (IRJGES)", <i>Volume 3, Issue 4, February 2019. ISSN: 2456-172X, PP:43-51. IF=5.195.</i></li> </ol> |

6. Published a paper titled **“An Efficient Trust Analysis Technique in MANET’S”** in “International Journal on Recent Researches in Science, Engineering & Technology (IJRRSET)”, *Volume 7, Issue 2, February 2019*. ISSN: 2347-6729, PP:26-30. ***SJIF=4.334. Indexed by: UGC Approved Journal***
7. Published a paper titled **“Secure Communication using Hybrid Cryptosystem”** in “International Research Journal in Global Engineering and Sciences (IRJGES)”, *Volume 4, Issue 1, May 2019*. ISSN: 2456-172X, PP 51-55. ***IF=5.195***.
8. Published a paper titled **“Improved Data De-Duplication in Cloud”** in “International Journal of Computer Science & Engineering (IJCSE)”, Special Issue 6, March 2019. ISSN: 2348-8387, PP 71-76. IF=0.98.
9. Published a paper titled **“Instant Message Sending Network using Multicast Algorithm in Cloud”** in “International Journal of Computer Science & Engineering (IJCSE)”, Special Issue 6, March 2019. ISSN: 2348-8387, PP 67-70. IF=0.98.
10. Presented a paper titled “An Intelligent Stock Prediction Tool using Machine Learning” in **the International level conference on “Innovative Engineering Initiatives (ICIEI - 2019)”** held on 13<sup>th</sup> March 2019 organized by SRM TRP Engineering College, Trichy-621105.
11. Acted as a Principal Investigator for the AICTE sponsored **“Pradhan Mantri Kaushal Vikas Yojana (PMKVY-TI) ”** project scheme during the academic year 2018-19.
12. Presented a paper titled “SCB-PHR: Secure Cloud-Based Sharing Methodology of Personal Health Record” in the International level conference on **“Multidisciplinary Research (ICMR- 2019)”** held on 5<sup>th</sup> March 2019 organized by KSK College of Engineering & Technology in association with Seventh Sense Research Group, Chennai.
13. Presented a paper titled “Provide QoS Aware Fault Tolerant Scheduling Algorithm in Heterogenous Cloud Servers” in the International level conference on **“Multidisciplinary Research (ICMR- 2019)”** held on 5<sup>th</sup> March 2019 organized by KSK College of Engineering & Technology in association with Seventh Sense Research Group, Chennai.
14. Presented a paper titled “Increasing Traceability and Blocking of Anonymous Users among GDS In Cloud Computing” in the International level conference on **“Multidisciplinary Research (ICMR- 2019)”** held on 5<sup>th</sup> March 2019 organized by KSK College of Engineering & Technology in association with Seventh Sense Research Group, Chennai.
15. Presented a paper titled “Similarity Identification in Large Dataset using KNN Set Similarity Search” in the International level conference on **“Multidisciplinary Research (ICMR- 2019)”** held on 5<sup>th</sup> March 2019 organized by KSK College of Engineering & Technology in association with Seventh Sense Research Group, Chennai.

|         |   |
|---------|---|
|         | <p>16. Presented a paper titled “Malware Spotting using web Application Interface” in International level conference on “<i>Multidisciplinary Research (ICMR- 2019)</i>” held on 5<sup>th</sup> March 2019 organized by KSK College of Engineering &amp; Technology in association with Seventh Sense Research Group, Chennai.</p>  |
| 2017-18 | <ol style="list-style-type: none"> <li>1. Published a paper titled “Power and Area Efficient Decimation Filter Architectures of Wireless Receivers” in <b>Springer Journal “Proceedings of the National Academy of Sciences, India Section A: Physical Sciences”, Volume 87, Number 1, March 2017</b> ISSN: 0369-8203, PP: 83-96.SJIF=0.804. <b><u>Indexed by : SCI &amp; Scopus</u></b>, DOI 10.1007/s40010-016-0314-9.</li> <li>2. Presented a paper titled “Design and Implementation of 3D Network on Chip Architecture” in International level conference on “<i>Newer Engineering Concepts &amp; Technology 2K18</i>” held during March 23<sup>rd</sup> &amp; 24<sup>th</sup> March 2018 organized at K. Ramakrishnan College of Technology, Samayapuram, Trichy-621 112.</li> <li>3. Presented a paper titled “Multicast Aware High Performance of Wireless Network on Chip Architecture” in National conference on “<i>Innovations in Embedded Systems and Networking (NCIEN’18)</i>” at Kings College of Engineering &amp; Technology, Punalkulam Thanjavur-613 303, on 21<sup>st</sup> March 2018.</li> <li>4. Presented a paper titled “Intelligent Leaf Disease Grading System” in National conference on “<i>High Performance Computing (NCHPC’18)</i>” at Kings College of Engineering &amp; Technology, Punalkulam Thanjavur-613 303, on 21<sup>st</sup> March 2018.</li> <li>5. Presented a paper titled “Detection of Glucoma using Retinal Fundus Image (NCHPC’18)” in National conference on “<i>High Performance Computing (NCHPC’18)</i>” at Kings College of Engineering &amp; Technology, Punalkulam Thanjavur-613 303, on 21<sup>st</sup> March 2018.</li> <li>6. Presented a paper titled “LED Notice Board using Arduino Controller” in National conference on “<i>Innovations in Embedded Systems and Networking (NCIEN’18)</i>” at Kings College of Engineering &amp; Technology, Punalkulam Thanjavur-613 303, on 21<sup>st</sup> March 2018.</li> <li>7. Elected as a Guest Faculty for Work Integrated Learning Programme (WLIP) of BITS-Pilani, Goa.</li> <li>8. Delivered an address on “Importance of Preserving Ancient Sculptures and Monuments for Future Generation” during the World Heritage Day 2018 on 19/04/2018 at Airavatesvara Temple- UNESCO certified heritage site, Dharasuram, Organized by Archaeological Society of India.</li> <li>9. Delivered a lecture titled “Advanced Engineering Technologies &amp; Carrier Opportunities” at KSK College of Engineering &amp; Technology, organized by department of ECE on 8<sup>th</sup> January 2018.</li> </ol> |

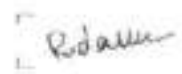
|  |  |
|--|--|
|  | <p>10. Organized &amp; Delivered a lecture titled “Women Empowerment” during the International Day of the Girl Child at KSK College of Engineering &amp; Technology, on 11<sup>th</sup> October 2017.</p> <p>11. Acted as a Principal Investigator for the AICTE sponsored “<b>Pradhan Mantri Kaushal Vikas Yojana (PMKVY-TI)</b> ” project scheme during the academic year 2017-18.</p> |
|--|--|

### 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1.   | Advanced Digital System Design      |
| 2.   | VLSI Design Techniques              |
| 3.   | Verilog Language                    |
| 4.   | VHDL Language                       |
| 5.   | ASIC Design                         |
| 6.   | Digital Signal Processing           |
| 7.   | ARM Processor                       |
| 8.   | CAD of VLSI Design                  |
| 9.   | Reconfigurable Architectures        |
| 10.  | Low Power VLSI Design               |
| 11.  | Embedded System Design              |
| 12.  | Digital Electronics                 |
| 13.  | Microcontroller based system Design |
| 14.  | Computer Architecture               |
| 15.  | Basic Electronics                   |
| 16.  | Electron Devices                    |
| 17.  | Electronic Circuits I               |
| 18.  | Electronic Circuits II & Simulation |



|     |  |
|-----|--|
| 19. | Computer Networks                                    |
| 20. | Transmission Lines & Waveguides                      |
| 21. | Network Theory                                       |
| 22. | Circuit Analysis                                     |
| 23. | Linear Integrated Circuits                           |
| 24. | Communication Theory                                 |
| 25. | Wireless Communication                               |
| 26. | Satellite Communication                              |
| 27. | Fiber Optic Communication                            |
| 28. | Opto-Electronic Devices                              |
| 29. | DSP Integrated Circuits                              |
| 30. | Wireless Networks                                    |
| 31. | Wireless Sensor Networks                             |
| 32. | Multimedia Communication                             |
| 33. | DSP Processor Architecture & Programming             |
| 34. | Advanced Computer Architecture & Parallel Processing |
| 35. | Advanced Microprocessors & Microcontrollers          |
| 36. | Digital Receiver Architectures                       |



**(Dr.Latha R.)**

## Faculty Profile

1. **Name** : **Prof. Hussain Ahmed**
2. **Highest Qualifications** : **M.E**  
(Electronics)
3. **Academic Performance** :



| Qualifications   | Board / IIT / University | Institute and place where studied |
|------------------|--------------------------|-----------------------------------|
| <b>B.E (ECE)</b> | Bangalore University     | UVCE                              |
| <b>M.E</b>       | Bangalore University     | UVCE                              |
| <b>Ph.D(ECE)</b> | -                        | -                                 |

4. **Gender** : **Male**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College of Engineering, Bangalore, India**
7. **Experience (Starting from the latest to the earliest)**

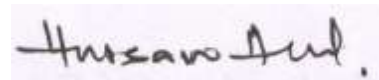
| Designation             | From | To        | Institution / Industry          |
|-------------------------|------|-----------|---------------------------------|
| Professor and IQAC Head | 2021 | Till date | HKBKCE                          |
| Professor& Head         | 2004 | 2021      | HKBKCE                          |
| Assistant Professor     | 1999 | 2004      | HKBKCE                          |
| Assistant Professor     | 1997 | 1999      | Islamia Institute of Technology |
| Lecturer                | 1983 | 1997      | Islamia Institute of Technology |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> | -   |
| <b>2020-21</b> | -   |
| <b>2019-20</b> | -   |
| <b>2018-19</b> | -   |
| <b>2017-18</b> | -   |

### 9. Courses Taught:

| S.No | Course Name                   |
|------|-------------------------------|
| 1.   | Digital communication         |
| 2    | Digital signal Processing     |
| 3    | Antennas and wave Propagation |
| 4    | Field theory                  |
| 5    | Signals and Systems           |
| 6    | Network analysis              |
| 7    | Micro controllers             |
| 8    | Analog Circuits               |
| 9    | Analog Communication          |
| 10   | Microprocessor                |
| 11   | VHDL                          |
| 12   | Electronic devices            |



**Digital Sign**  
**(Prof. Hussain Ahmed)**

## Faculty Profile

1. Name : Dr. Suraiya Tarannum

2. Highest Qualifications : Ph.D., (ECE)  
Electronics &  
Communication  
Engineering

3. Academic Performance :



| Qualifications    | Board / IIT / University           | Institute and place where studied           |
|-------------------|------------------------------------|---|
| B.E (Electronics) | Bangalore University,<br>Bangalore | Islamiah Institute of Technology, Bangalore |
| M.E (Electronics) | Bangalore University,<br>Bangalore | UVCE, Bangalore                             |
| Ph.D., (ECE)      | Dr. M.G.R. University,<br>Chennai  | Dr. M.G.R. University, Chennai              |

4. Gender : Female

5. Present Status : Professor

6. Present Institute : HKBK College of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation  | From                 | To               | Institution / Industry  |
|--|----------------------|------------------|---|
| Professor<br>Dept. of ECE                                  | June 2014<br>onwards | Till Date        | HKBK College of Engineering, Bangalore                            |
| Professor & Head<br>Dept. of ECE                           | July 2005            | May 2014         | AMC Engineering College, Bangalore                                |
| Associate Professor<br>& Head<br>Dept. of ECE              | August 2004          | June 2005        | KNS Institute of Technology, Bangalore                            |
| Lecturer<br>Dept. of Electronics &<br>Computer Engineering | August 2001          | July 2004        | Caledonian College of<br>Engineering<br>Muscat, Sultanate of Oman |
| Lecturer<br>Dept. of ECE                                   | February 1997        | July 2001        | HKBK College of Engineering, Bangalore                            |
| Lecturer<br>Dept. of ECE                                   | December<br>1994     | December<br>1996 | Islamiah Institute of Technology, Bangalore                       |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | <p>1. <b><u>Patent Grant: Australian Innovation Patent</u></b><br/> <b>‘A Method and System for Remote Monitoring of Patients by Wireless Body Area Network (WBAN)</b><br/> Patent Number: <b>2021103477</b><br/> Grant Date: <b>16<sup>th</sup> March 2022</b><br/> Term of Patent: <b>Eight Years from 19<sup>th</sup> June 2021</b></p>   |
|         | <p>2. <b><u>1. Award of Ph.D Degree under my Research Supervision, VTU, Belgaum</u></b><br/> Ph.D Scholar: <b>Swetha Rani L. (5VX11PEN66)</b><br/> Title of Ph.D Thesis: <b>‘Design and Investigation of Enhanced Pilot-based Channel Estimation in MIMO-OFDM Wireless Networks’</b><br/> Date of Award of Ph.D Degree: <b>11-1-2022</b></p>   |
|         | <p><b><u>2. Research Guidance: Supervisor guiding 4 students under VTU, Belgaum</u></b></p> <ol style="list-style-type: none"> <li>1. Mrunalini Madan Deshpande (5VX12PEN68)</li> <li>2. Purva Kamat (5VX14PEM25)</li> <li>3. Harshavardhana M. N. (5VX14PEM26)</li> <li>4. Abdul Azeez (5VX14PEM27)</li> </ol>  |
| 2020-21 | <p>3. <b><u>International Journal Publication:</u></b><br/> 1. <b>‘Nested Particle Swarm Optimization and Grey Wolf Optimization in Orthogonal Frequency Division Multiplexing’</b><br/> <i>International Journal of Intelligent Engineering &amp; Systems</i><br/> Accepted and Revised as on April 7, 2022<br/> 2. <b>‘Analysis of an algorithm used for finding Unipolar Orthogonal Codes’</b><br/> <i>Material Science and Engineering</i>, 1167 (2021) 012021, September 2021</p> |
|         | <p><b><u>Research Guidance: Supervisor guiding 4 students under VTU, Belgaum</u></b></p> <ol style="list-style-type: none"> <li>1. Swetha Rani L. (5VX11PEN66)</li> <li>2. Mrunalini Madan Deshpande (5VX12PEN68)</li> <li>3. Purva Kamat (5VX14PEM25)</li> <li>4. Harshavardhana M. N. (5VX14PEM26)</li> <li>5. Abdul Azeez (5VX14PEM27)</li> </ol>   |

|         |    |   |
|---------|----|---|
|         | 2. | <p><b><u>International Conference Presentation:</u></b></p> <p>1. <b>‘Analysis of an algorithm used for finding Unipolar Orthogonal Codes’</b><br/> <i>Global Conference on Recent Development in Computer and Communication Technologies (GC-RDCT 2021)</i>, A J Institute of Engineering and Technology Mangalore, Karnataka, INDIA, 29-30, July 2021</p> <p>2. <b>‘Performance Analysis of MIMO-OFDM Wireless Systems using Precoding and Companding Techniques’</b><br/> <i>International Conference on Advanced Computing and Communication Systems (ICACCS 2021)</i>, Sri Eshwar College of Engineering, Coimbatore, INDIA, March 19-20, 2021</p> <p>3. <b>‘Performance Study of Low-Density Parity Check Code (LDPC) Encoded MIMO-OFDM system by using Artificial Bee Colony Algorithm’</b><br/> <i>3<sup>rd</sup> International Conference on Soft Computing and Signal Processing (ICSCSP-2020)</i>, Malla Reddy College of Engineering and Technology, Hyderabad, INDIA, August 21-22, 2020</p> |
| 2019-20 | 1. | <p><b><u>1. Award of Ph.D Degree under my Research Supervision, VTU, Belgaum</u></b><br/> Ph.D Scholar: <b>Usha Rani B. (5VX12PEN69)</b><br/> Title of Ph.D Thesis: <b>‘QoS Provisioning for DSRC in VANETs’</b><br/> Date of Award of Ph.D Degree: <b>8-2-2020</b></p> <p><b><u>2. Research Guidance: Supervisor guiding 4 students under VTU, Belgaum</u></b></p> <ol style="list-style-type: none"> <li>Swetha Rani L. (5VX11PEN66)</li> <li>Mrunalini Madan Deshpande (5VX12PEN68)</li> <li>Purva Kamat (5VX14PEM25)</li> <li>Harshavardhana M. N. (5VX14PEM26)</li> <li>Abdul Azeez (5VX14PEM27)</li> </ol>  |
|         | 2. | <p><b><u>International Journal Publication:</u></b></p> <p>1. <b>‘Wireless Sensor Networks for Healthcare Monitoring: A Review’</b><br/> <i>Inventive Computation Technologies, Springer, Scientific Publishing Services (P) Ltd.</i>, Vol. 98, pp. 669-676, November 2019</p>  |
|         | 3. | <p><b><u>International Conference Presentation:</u></b></p> <p>1. <b>‘Wireless Sensor Networks for Healthcare Monitoring: A Review’</b><br/> ICICT (International Conference on Inventive Computation Technologies), 2019, Coimbatore, Coimbatore, Tamil Nadu, November 2019</p>  |
| 2018-19 | 1. | <p><b><u>Research Guidance: Supervisor guiding 4 students under VTU, Belgaum</u></b></p> <ol style="list-style-type: none"> <li>Swetha Rani L. (5VX11PEN66)</li> <li>Mrunalini Madan Deshpande (5VX12PEN68)</li> <li>Usha Rani B. (5VX12PEN69)</li> <li>Purva Kamat (5VX14PEM25)</li> <li>Harshavardhana M. N. (5VX14PEM26)</li> <li>Abdul Azeez (5VX14PEM27)</li> </ol>  |

|         |    |   |
|---------|----|---|
|         | 2. | <p><b><u>International Journal Publication:</u></b></p> <ol style="list-style-type: none"> <li>1. <b>‘Efficient Channel Estimation with Optimization Algorithms based Pilot Pattern Design for MIMO-OFDM Wireless Networks’</b><br/><i>Elsevier SSRN e-Library and International Journal of Recent Technology and Engineering, IJRTE</i>, Vol. 8, Issue 1CISSN:2277- 3878, June 2019</li> <li>2. <b>‘An Efficient Pilot Scheduling Mechanism for Mitigating the Contamination in MIMO-OFDM Systems’</b><br/><i>Scopus Indexed Journal Journal of Advanced Research in Dynamic and Control Systems</i>, Vol. 11, Special Issue-02 pp. 1928-1939, April 2019</li> </ol>   |
|         | 3. | <p><b><u>International Conference Presentation:</u></b></p> <ol style="list-style-type: none"> <li>1. <b>‘Efficient Channel Estimation with Optimization Algorithms based Pilot Pattern Design for MIMO-OFDM Wireless Networks’</b><br/>International Conference on Emerging Trends in Science and Technologies for Engineering Systems (ICETSE-2019), SJCIT, Chickballapur, Karnataka, 17-18, May 2019</li> <li>2. <b>‘Algorithm for Enhanced Design Set of all Possible Unipolar Orthogonal Codes’</b><br/><i>IEEE ICECCT 2019</i>, SVS College of Engineering, Coimbatore, Tamil Nadu INDIA, 20-22, February 2019</li> <li>3. <b>‘A high Speed, optimized Chip Area and low Power LMS Adaptive Filter using Distributed Arithmetic’</b><br/><i>ICIETS 2018</i>, NIE Institute of Technology, Mysore, INDIA, 20-21, September 2018</li> </ol> |
| 2017-18 | 1. | <p><b><u>Research Guidance: Supervisor guiding 4 students under VTU, Belgaum</u></b></p> <ol style="list-style-type: none"> <li>1. Swetha Rani L. (5VX11PEN66)</li> <li>2. Mrunalini Madan Deshpande (5VX12PEN68)</li> <li>3. Usha Rani B. (5VX12PEN69)</li> <li>4. Purva Kamat (5VX14PEM25)</li> <li>5. Harshavardhana M. N. (5VX14PEM26)</li> <li>6. Abdul Azeez (5VX14PEM27)</li> </ol>  |
|         | 2. | <p><b><u>International Conference Presentation:</u></b></p> <ol style="list-style-type: none"> <li>1. <b>‘Peak-to-Average-Power-Ratio (PAPR) reduction using Precoding and Companding Technique for MIMO- OFDM systems’</b><br/>ICRIEECE 2018, KIIT University, Bhubaneshwar, INDIA, 27-28, July 2018</li> <li>2. <b>‘Peak-to-Average-Power-Ratio (PAPR) enhancement using LDPC for MIMO-OFDM systems’</b><br/>ICEECCMC, Priyadarshini Engineering College, Vaniyambadi, INDIA, 28-29, January 2018</li> </ol>  |



**9. Courses Taught:** (At HKBKCE, Bangalore, DoJ: 2-6-2014)

| S.No.             | Course Name                                       |
|-------------------|---|
| <b>Theory</b>     |   |
| 1.                | Information Theory and Coding                     |
| 2.                | Engineering Statistics and Linear Algebra         |
| 3.                | Antennas and Propagation                          |
| 4.                | Microwave and Radar                               |
| 5.                | Analog Communications                             |
| 6.                | Principles of Communication Systems               |
| <b>Laboratory</b> |   |
| 1.                | Analog Circuits Laboratory                        |
| 2.                | Electronic Devices and Instrumentation Laboratory |
| 3.                | Analog Electronics Laboratory                     |
| 4.                | Advanced Communication Laboratory                 |
| 5.                | Analog Communications Laboratory                  |


**Suraiya Tarannum**

## Faculty Profile

1. Name : Dr.Y.N.Mamatha

2. Highest Qualifications : Ph.D.-  
Electronics &  
Communication  
Engineering

3. Academic Performance :



| Qualifications                | Board / IIT / University | Institute and place where studied         |
|-------------------------------|--------------------------|---|
| B.E (ECE)                     | Mysore University        | National Institute of Engineering, Mysore |
| M.Tech(Digital Communication) | VTU                      | BMS College of Engineering, Bangalore     |
| Ph.D(ECE)                     | VTU                      | RVCE Research Institute , Bangalore       |

4. Gender : Female

5. Present Status : Professor

6. Present Institute : HKBK College of Engineering, Bangalore, India

7. Experience (Starting from the latest to the earliest)

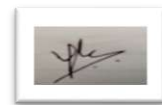
| Designation         | From     | To         | Institution / Industry               |
|---------------------|----------|------------|--------------------------------------|
| Professor           | Oct 2020 | April 2022 | HKBK College of Engineering          |
| Professor& Head     | Aug 2017 | Jan 2020   | Dr.SMCE , Nelamangala                |
| Professor           | Sep 2013 | Jan 2017   | RR College of Engineering,Bangalore  |
| Assistant Professor | Feb 2005 | Aug 2013   | RV College of Engineering, Bangalore |
|                     |          |            |                                      |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 |   |
| 2020-21 | Y N Mamatha & Dr. S Ravishankar “A CBIR module for the Detection and Estimation of Geographic features from satellite imageries using Haar Wavelet and Artificial Neural Network Technique” Paper ID ACE2021-505F |
| 2019-20 | NIL   |
| 2018-19 | NIL   |
| 2017-18 | NIL   |

### 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1.   | Network analysis                    |
| 2    | Wireless networks                   |
| 3    | Protocol Engineering                |
| 4    | Data Structures in C++              |
| 5    | Electromagnetic waves/ Field theory |
| 6    | Microwave and Antenna               |



**Digital Sign**  
**(Dr. Y N Mamatha)**

## Faculty Profile

1. **Name** : **Dr. C. Venkatesan**
2. **Highest Qualifications** : **Ph.D. – Information & Communication Engineering**
3. **Academic Performance** :



| Qualifications   | Board / IIT / University    | Institute and place where studied                                  |
|--|-----------------------------|--|
| <b>B.E.</b>  | Anna University, Chennai    | Er.Perumal Manimekalai College of Engineering, Nallaganakothapalli |
| <b>M.Tech. (Applied Electronics)</b>                       | Anna University, Coimbatore | Government College of Technology, Coimbatore                       |
| <b>Ph.D. (Information &amp; Communication Engineering)</b> | Anna University, Chennai    | Anna University, Chennai   |

4. **Gender** : **Male**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College of Engineering, Bangalore, Karnataka, India**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                                     |
|---------------------|------------|------------|--|
| Professor           | 01.06.2020 | Till Date  | HKBK College of Engineering, Bengaluru                     |
| Associate Professor | 09.07.2018 | 31.05.2020 | R.R Institute of Technology, Bengaluru                     |
| Associate Professor | 08.06.2017 | 29.05.2018 | Dhanalakshmi Srinivasan College of Engineering, Coimbatore |
| Assistant Professor | 24.06.2013 | 06.04.2017 | Karpagam College of Engineering (Autonomous), Coimbatore   |
| Assistant Professor | 07.12.2011 | 23.05.2013 | Sri Eshwar College of Engineering (Autonomous), Coimbatore |
| Assistant Professor | 17.05.2009 | 30.11.2011 | Agni College of Technology, Chennai                        |
| Lecturer            | 04.05.2006 | 08.06.2007 | Agni College of Technology, Chennai                        |

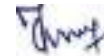
### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <ul style="list-style-type: none"> <li>Satheeskumaran S, <b>Venkatesan C</b>, Saravanan S “Real-Time ECG Signal Pre-processing and Neuro-Fuzzy Based CHD Risk Prediction”, <i>International Journal</i></li> </ul> |

|         |  |
|---------|--|
|         | <p><i>of Computational Science and Engineering, Inderscience Vol.24, Issue 4, pp. 323-330, 2021 [ESCI/Scopus]</i></p> <ul style="list-style-type: none"> <li>Balachander, K., <b>Venkatesan, C.</b> and R., K. (2021), "Safety driven intelligent autonomous vehicle for smart cities using IoT", <i>International Journal of Pervasive Computing and Communications, Vol. 17 No. 5, pp. 563-582, 2021 [ESCI/Scopus]</i></li> </ul>  |
| 2020-21 | <ul style="list-style-type: none"> <li>L.Niranjan, <b>C. Venkatesan</b>, A.R.Suhas, S.Satheeskumaran, S.Aaqib Nawaz "Design and Implementation of Chicken Egg Incubator for Hatching using IoT", <i>International Journal of Computational Science and Engineering, Inderscience, Vol.24, Issue 4, pp. 363-372, 2021 [ESCI/Scopus]</i></li> <li>Rajakumar Chellappan, Satheeskumaran S, <b>Venkatesan C</b>, Saravanan S "Discrete Stationary Wavelet Transform and SVD Based Digital Image Watermarking for Improved Security", <i>International Journal of Computational Science and Engineering, Inderscience, Vol.24, Issue 4, pp. 354-362, 2021 [ESCI/Scopus]</i></li> </ul>  |
| 2019-20 | <ul style="list-style-type: none"> <li><b>C. Venkatesan</b>, P.Karthigaikumar, R. Varatharajan, "A Novel LMS algorithm ECG Signal Preprocessing and KNN Classifier Based Abnormality Detection", <i>Multimedia Tools &amp; Applications, Springer, United States, Vol.77, Issue 8, pp.10365-10374, 2019. [SCIE]</i></li> <li><b>C. Venkatesan</b>, P.Karthigaikumar, R.Varatharajan, "FPGA implementation of modified error normalized LMS adaptive filter for ECG noise removal", <i>The Journal of Networks, Software Tools and Applications, Springer United States, Vol.22, Issue 5, pp.12233-1224, 2019. [SCIE]</i></li> <li>L.Jubairahmed, <b>C. Venkatesan</b>, S.Satheeskumaran, "Contourlet Transform Based Adaptive Nonlinear Diffusion Filtering for Speckle Noise Removal in Ultrasound Images", <i>The Journal of Networks, Software Tools and Applications, Springer United States, Vol.22, Issue 5, pp.11237-11246, 2019. [SCIE]</i></li> </ul> |
| 2018-19 | <ul style="list-style-type: none"> <li><b>C. Venkatesan</b>, P.Karthigaikumar, "An Efficient Noise Removal Technique using Modified Error Normalized LMS Algorithm", <i>National Academy Science Letters, Springer, 2018, Vol. 41, No. 3, pp. 155-159, ISSN: 0250-541X. [SCIE]</i></li> <li><b>C. Venkatesan</b>, P.Karthigaikumar, "Mobile Cloud Computing for ECG Telemonitoring and Real-Time Coronary Heart Disease Risk Detection", <i>Biomedical Signal Processing and Control, Elsevier, UK, 2018, Vol. 44, pp. 138-145, ISSN: 1746-8094. [SCIE]</i></li> <li><b>C. Venkatesan</b>, P.Karthigaikumar, S.Satheeskumaran, Anandpaul, R.Kumar, "ECG Signal Preprocessing and SVM Classifier based abnormality detection in Remote Healthcare applications", <i>IEEE Access, IEEE, Vol. 6, pp. 9767-9773, January 2018. [SCIE]</i></li> </ul>   |

### 9. Courses Taught:

| S.No | Course Name                        |
|------|------------------------------------|
| 1    | Digital Signal Processing          |
| 2    | Advanced Digital Signal Processing |
| 3    | Signals and Systems                |
| 4    | Control System                     |
| 5    | VLSI Design                        |
| 6    | Sensors and Signal Conditioning    |
| 7    | Analog Integrated Circuits         |
| 8    | VLSI Signal Processing             |
| 9    | Soft Computing                     |
| 10   | Neural Networks                    |



**Digital Sign**  
**(Dr. C. Venkatesan)**

## Faculty Profile

1. Name : Prof. Zahira Tabassum

2. Highest Qualifications : M.E(Ph.D)

3. Academic Performance :



| Qualifications         | Board / IIT / University | Institute and place where studied |
|------------------------|--------------------------|-----------------------------------|
| B.E (ECE)              | Bangalore University     | B.M.S College of Engineering      |
| M.E(Power Electronics) | Bangalore University     | UVCE                              |
| Ph.D (ECE)             | Jain University          | Jain University                   |

4. Gender : Female

5. Present Status : Associate Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From | To        | Institution / Industry |
|---------------------|------|-----------|------------------------|
| Associate Professor | 2013 | Till date | HKBKCE                 |
| Assistant Professor | 2009 | 2013      | HKBKCE                 |
| Senior Lecturer     | 2005 | 2009      | HKBKCE                 |
| Lecturer            | 2001 | 2005      | HKBKCE                 |

### 8. Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | <ul style="list-style-type: none"> <li>A paper titled “Renewable Energy Generation-Solar and Wind, Challenges and Policies adopted in Karnataka, India “in 2021 Fourth International Conference on Microelectronics, Signals &amp; Systems (ICMSS) and published in IEEE digital library.</li> <li>A a paper titled “ Residential load management System using IoT” in in Journal of University of Shanghai for Science and Technology, Vol 23, Issue 7,2021.</li> </ul>   |
| 2020-21 | <ul style="list-style-type: none"> <li>Presented a paper titled “Renewable Energy Sector in Gujarat” in Journal of University of Shanghai for Science and Technology Vol 23, Issue 6, June 2021.</li> <li>Presented a paper titled “Smart Meter Data Analysis- Karnataka Perspective” in International Journal of Research in Electronics and Computer Engineering, Vol 9, Issue 2, June 2021.</li> <li>Presented a paper titled “”Smart Traffic Monitoring System Using Arduino Uno” in Journal of Huazhong University of Science and Technology, Vol 50, Issue 3, March 2021.</li> </ul> |



|                |   |
|----------------|---|
| <b>2019-20</b> | <ul style="list-style-type: none"> <li>Presented a paper titled “Hardware Architecture of Smart Grids-Indian Scenario” in the National Conference JNANA Chilume-2020 “Automation, Control and Communication” on 25<sup>th</sup> November 2020.</li> <li>Published a paper titled “Analysis of Load Consumption” in Journal IJISRT , Vol 5, Issue 10, October 2020.</li> </ul> |
| <b>2018-19</b> | <ul style="list-style-type: none"> <li>Published a paper titled “Smart grid Analysis” in Scopus indexed Journal JARDCS, Vol 11, 04 Special Issues, 2019</li> <li>Presented paper on “Smart grid Analysis” in 7<sup>th</sup> International Conference on Current Trends in Advanced Computing, March 2019</li> </ul>   |
| <b>2017-18</b> | NIL   |

### 9. Courses Taught:

| S.No | Course Name                   |
|------|-------------------------------|
| 1.   | Digital Communication         |
| 2.   | Microprocessor                |
| 3.   | Microcontroller               |
| 4.   | Verilog HDL                   |
| 5.   | Network Analysis              |
| 6.   | VLSI Design                   |
| 7.   | Computer Organization         |
| 8.   | Power Electronics             |
| 9.   | Solid State Devices           |
| 10.  | Analog Electronic circuits    |
| 11.  | Electronic devices            |
| 12.  | Linear Integrated Circuits    |
| 13.  | Information Theory and Coding |



**Digital Sign  
(name)**

## Faculty Profile

1. Name : Dr. J.Surendiran

2. Highest Qualifications : Ph.D.-ECE

3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ECE)      | Madras university        | IFET                              |
| M.Tech(PCI)    | Annamalai university     | Annamalai university              |
| Ph.D(ECE)      | Annamalai university     | Annamalai university              |

4. Gender : Male

5. Present Status : Assoicate Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation | From       | To         | Institution / Industry |
|-------------|------------|------------|------------------------|
| TEC         | 05/01/2012 | 29/06/2019 |                        |
| MSAJ        | 01/04/2005 | 28/12/2011 |                        |
| GKM         | 01/04/2002 | 20/07/2003 |                        |
|             |            |            |                        |
|             |            |            |                        |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 |   |
| 2020-21 | Digital elevation model and terrain mapping using LiDAR.<br>WALL CLIMBING ROBOT<br>An Efficient Bifurcating Brokers Service Scheme for Protecting Investor Secrecy in e-Trading   |
| 2019-20 | Efficient way to detect bone cancer using image segmentation<br>A new framework for video data retrieval using hierarchical clustering technique<br>X-RAY CT reconstruction by using spatially non homogeneous ICD optimization<br>Video data retrieval using image color histogram technique |

|                |   |
|----------------|---|
|                | Design and implementation of kogge stone adder using CMOS and GDI design: VLSI based  |
| <b>2018-19</b> | Computer Aided Diagnosis for Detection of Lesions in Pancreas<br>Low Power Baseband Receiver Architecture Using STBC-OFDM With Flexible Mapper And Flexible Demapper For Mobile WMAN<br>Detection and Classification of Hard Exudates in Human Retinal Fundus Images Using Clustering and RVM Methods |
| <b>2017-18</b> | GLAUCOMA DETECTION USING FUZZY C- MEAN<br>DETECTION OF GLAUCOMA BASED ON COLOR MOMENTS AND SVM CLASSIFIER USING K MEAN CLUSTERING   |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name                      |
|----------|----------------------------------|
| <b>1</b> | Microprocessor & its application |
| <b>2</b> | LIC                              |
| 3        | OFC                              |
| 4        | M&I                              |
| <b>5</b> | DSP                              |
| 6        | SS                               |
| 7        | ENTP                             |

**Digital Sign**

**(name)**

## Faculty Profile

1. **Name** : **Dr. R G Vidhya**
2. **Highest Qualifications** : **Ph.D.-MIP**  
Information Science &  
Engg
3. **Academic Performance** :



| Qualifications      | Board / IIT / University | Institute and place where studied          |
|---------------------|--------------------------|--|
| <b>B.E (ECE)</b>    | ANNA UNIVERSITY          | RVS College of Engineering and Technology  |
| <b>M.Tech(VLSI)</b> | ANNA UNIVERSITY          | PSNA College of Engineering and Technology |
| <b>Ph.D(MIP)</b>    | ANNA UNIVERSITY          | ANNA University,chennai                    |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From      | To       | Institution / Industry                     |
|---------------------|-----------|----------|--|
| Assistant Professor | 4.3.2014  | 2.4.2021 | PSNA College of Engineering and Technology |
| Associate Professor | 15.4.2021 | Till now | HKBK College of Engineering, Bangalore,    |
|                     |           |          |  |
|                     |           |          |  |
|                     |           |          |  |

**8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | 1.R G Vidhya, Allwyn Paul P, Athish Sanjay Raju, Kenneth Abraham J, M Santhosh Kumar, Bidirectional Visitor Counter using AT89C52 with Light Automation and Metal Detection, International Research Journal of Engineering and Technology, Volume: 09 Issue: 01, 2022<br>2. R G Vidhya, Uttamkumar chourawar, Indumathi, Divya.S ,Umashree chourawar, A CCA-PKE Secure-Cryptosystem Resilient to Randomness Reset and Secret-Key Leakage, IJIRT   Volume 8 Issue 8,2022 |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

**9. Courses Taught:**

| S.No | Course Name  |
|------|--|
| 1    | Digital Electronics                                      |
| 2    | Digital System Design Using Verilog                      |
| 3    | VLSI Design  |
| 4    | Technological Innovation Management And Entrepreneurship |
| 5    | Wireless-cellular and LTE Network                        |
|      |  |



**Digital Sign  
(name)**

## Faculty Profile

1. **Name** : **Dr. Sanjana Prasad**
2. **Highest Qualifications** : **Ph.D.-Information and Communication Engineering**
3. **Academic Performance** :



| Qualifications                                  | Board / IIT / University | Institute and place where studied            |
|---|--------------------------|--|
| <b>B.E (ECE)</b>                                | Anna University          | Dr. NGP Institute of Technology, Coimbatore  |
| <b>M.Tech(Communication systems)</b>            | Anna University          | Bannari Amman Institute of Technology, Erode |
| <b>Ph.D(Information and Communication Engg)</b> | Anna University          | PSG College of Technology, Coimbatore        |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, India**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From     | To         | Institution / Industry                 |
|---------------------|----------|------------|--|
| Associate Professor | Oct 2020 | April 2022 | HKBK College of Engineering, Bengaluru |
| Research Scholar    | Feb 2016 | Jan 2020   | PSG College of Technology, Coimbatore  |

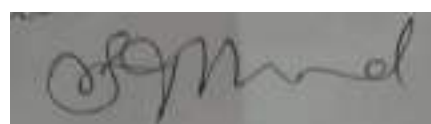
### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <ol style="list-style-type: none"> <li>1. Selective Mapping technique with Novel Symmetric Hankel Phase Sequences for PAPR reduction in OFDM systems, CSIR Sponsored International Conference on Artificial Intelligence for Sustainable Applications, PSG College of Technology, Coimbatore, India (Dec 2021)</li> <li>2. Hessenberg Matrix Based SLM Technique for PAPR reduction in OFDM systems, International Conference On Computational Methods And Data Engineering (ICCMDE 2021), Vellore Institute of Technology, Vellore, India (Nov 2021)</li> </ol> |

|                |  |
|----------------|--|
|                | <ol style="list-style-type: none"> <li>3. Audio transmission with Li-Fi technology, International Research Journal of Engineering and Technology, vol 9, no 1, pp 66-71, International Research Journal of Engineering and Technology (Jan 2022)</li> <li>4. Clustering with Cross Layer Design against Spectrum Access Attack in Cognitive Radio Networks, IEEE 2nd Asian Conference on Innovation in Technology (ASAINCON 2022) , Hosted by PCCOER , Pune , India</li> <li>5. Multi-sensor based Environmental Multi-Pollutant Detection system: Hardware Design and Analysis, STUDENT PROJECT PROPOSAL FOR THE 45th SERIES OF STUDENT PROJECT PROGRAMME, KSCST, [Feb 2022]</li> </ol> |
| <b>2020-21</b> | <ol style="list-style-type: none"> <li>1. Prasad, S., &amp; Jayabalan, R. (2020). PAPR reduction in OFDM systems using modified SLM with different phase sequences. <i>Wireless Personal Communications</i>, 110(2), 913-929.</li> </ol>   |
| <b>2019-20</b> | <ol style="list-style-type: none"> <li>2. Prasad, S., &amp; Jayabalan, R. (2019). PAPR reduction in OFDM using scaled particle swarm optimization-based partial transmit sequence technique. <i>The Journal of Engineering</i>, 2019(5), 3460-3468.</li> <li>3. Prasad, S., &amp; Ramesh, J. (2020). <i>Investigations on techniques to reduce peak to average power ratio in OFDM systems</i> (Doctoral dissertation, Anna University).</li> </ol>  |
| <b>2018-19</b> |  |
| <b>2017-18</b> | <ol style="list-style-type: none"> <li>1. Prasad, S., &amp; Ramesh, J. (2017, March). Partial transmit sequence based PAPR reduction with GA and PSO optimization techniques. In <i>2017 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)</i> (pp. 1-4). IEEE.</li> <li>2. Prasad, S., Scholar, R., &amp; Jayabalan, R. (2017, October). Scaled offset PSO based PTS for PAPR reduction in OFDM systems. In <i>2017 IEEE 8th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference (UEMCON)</i> (pp. 53-57). IEEE.</li> </ol>   |
|                |  |

### 9. Courses Taught:

| S.No | Course Name               |
|------|---------------------------|
| 1    | Basic Electronics         |
| 2    | Signals and Systems       |
| 3    | Electronic Devices        |
| 4    | Fiber Optics and Networks |



**Digital Sign**  
**Dr. Sanjana Prasad**



## Faculty Profile

1. **Name** : **Dr.B P Pradeep kumar**
2. **Highest Qualifications** : **B.E,M.Tech,Ph.D.**  
Electronics Engineering
3. **Academic Performance** :



| Qualifications     | University      | Institute and place where studied         |
|--------------------|-----------------|---|
| <b>B.E (ECE)</b>   | VTU             | SJMIT,chitradurga                         |
| <b>M.Tech(ECE)</b> | VTU             | Acharya institute of technology bangalore |
| <b>Ph.D(ECE)</b>   | Jain university | bangalore                                 |

4. **Gender** : **Male**
5. **Present Status** : **Assoicate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Associate professor | 10/12/2021 | Till date  | HKBKCE                 |
| Assistant professor | 1/12/2018  | 10/12/2021 | HKBKCE                 |
| Assistant professor | 1/8/2012   | 1/12/2018  | AIT                    |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <ul style="list-style-type: none"> <li>➤ paper entitled "An novel hand gesture system for ASL using Kinect sensor based images " Proceedings of the First International Conference on Computing, Communication and Control System, I3CAC 2021, 7-8 June 2021, Bharath University, Chennai, India</li> <li>➤ paper entitled "intra prediction algorithm for video frames of H.264"nat.volatiles &amp;essent oils,2021,8(5):11357-11367</li> <li>➤ Paper Title "A novel hand gesture system for ASl using kinect sensor based images" was presented at international conference I3CAC-2021,June 7-8,Chennai, india.</li> </ul> |
| <b>2020-21</b> | <ul style="list-style-type: none"> <li>➤ paper entitled " province sensitive reference with subgroup analysis of the user component", international journal of psychological rehabilitation, volume- 24,issue- 10,2020,ISSN1475-7192,pp1129-</li> </ul>  |

|                |  |
|----------------|--|
|                | <p>1132.DOI10.37200/IJPR/V24I10/PR300134</p> <ul style="list-style-type: none"> <li>➤ paper entitled “ an efficient block based motion estimation algorithm using Esat” , international journal of psychological rehabilitation, volume-24,issue- 10,2020,ISSN 1475-7192 ,pp 1152-1162. DOI 10.37200/IJPR/V24I10/PR300137</li> <li>➤ paper entitled “ organic synthesis of TiO<sub>2</sub> nanoparticles for object detection application ” , international journal of psychological rehabilitation, volume- 24,issue- 10,2020,ISSN 1475-7192 ,pp 1188-1196. DOI 10.37200/IJPR/V24I10/PR300140</li> <li>➤ paper entitled “ congestion control using TFC and TFR in common channel signalling system 7 at MTP level-3” , international journal of psychological rehabilitation, volume- 24,issue- 10,2020,ISSN 1475-7192 ,pp 1309-1321. DOI 10.37200/IJPR/V24I10/PR300154</li> <li>➤ paper entitled “original digital color image reconstruction using smooth hue transition estimation method” , international journal of psychological rehabilitation, volume- 24,issue- 10,2020,ISSN 1475-7192 ,pp 1379-1390. DOI 10.37200/IJPR/V24I10/PR300161</li> </ul> |
| <b>2019-20</b> | <ul style="list-style-type: none"> <li>➤ Paper entitled” Framework of ASL Silhouette Gesture Recognition System” Blue Eyes Intelligence Engineering &amp; Sciences Publication volume 8,issue 6s,IJITEE,ISSN: 2278-3075,pp 66-72,2019</li> <li>➤ Paper entitled” design and implementation of kogge stone adder using CMOS and GDI design:VLSI based” Blue Eyes Intelligence Engineering &amp; Sciences Publication volume 8,issue 6s,IJEAT,ISSN: 2249-8958,2019</li> </ul>  |
| <b>2018-19</b> | <ul style="list-style-type: none"> <li>➤ paper entitled “analysis of ASL recognition system for aligned RGB-D image” journal of advanced research in dynamical and control systems, special issue-1,2018,ISSN 1943-023X</li> <li>➤ paper entitled “High Gain Perfect Matched Inset Fed Rectangular Microstrip Patch Antenna for 2.4 GHz Frequency, ” journal of advanced research in dynamical and control systems, special issue-13,2018,ISSN 1943-023X,pp 46-52.</li> </ul>  |
| <b>2017-18</b> | <ul style="list-style-type: none"> <li>➤ paper entitled “Performance Analysis of KNN, SVM and ANN Techniques for Gesture Recognition System” Indian Journal of Science and Technology, Vol 9(S1), DOI: 10.17485/ijst/v9/iS1/111145 December 2017</li> <li>➤ paper entitled “Resolution Enhancement of American Sign Language Image Using DT-CWT and EPS Algorithm” International Journal of Computer Science and Information Security (IJCSIS), Vol. 15, No. 4, April 2017 (pp. 132-138)</li> <li>➤ paper entitled “a hybrid gesture recognition method American sign language” ” Indian Journal of Science and Technology Volume 10, Issue 1, January 2017,DOI: 10.17485/ijst/2017/v10i1/109389</li> </ul>  |
| <b>2016-17</b> | <ul style="list-style-type: none"> <li>➤ Paper title “Kinect Based ASL Analysis Using Hybrid Approach” was published in International Journal of Combined Research &amp; Development (IJCRD) eISSN:2321-225X;pISSN:2321-2241 Volume: 5; Issue: 6 June 2016.</li> </ul>   |

|         |   |
|---------|---|
|         | <ul style="list-style-type: none"> <li>➤ Paper title "Design And Development Of Asl Recognition By Kinect Using Bag Of Features" was published in Springer Advances in Intelligent Systems and Computing Series with ISSN 2194-5357.</li> </ul>   |
| 2015-16 | <ul style="list-style-type: none"> <li>➤ Successfully published a paper "Analysis Of Contrast Concentration For Radiologist Images Using Cbir Framework" in international journal of computer engineering &amp; technology (IJCET) volume6,issue1,page 42-53,2015.</li> </ul>   |
| 2014-15 | <ul style="list-style-type: none"> <li>➤ Paper title "A Survey on Low Power TSPC and E-TSPC CMOS 2/3 Prescaler" was published in International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Volume 3 Issue 5, May 2014.</li> <li>➤ Paper title "A Comparative Study On Procedures On Content Based Image Retrieval In Medical Images" was published in international journal of computer engineering &amp; technology (IJCET) volume 5 ,issue10,page 64-73,October 2014.</li> <li>➤ Successfully published a paper in IEEE sponsored International Conference EESCO-2015, at Vignan's Institute Of Information Technology, visakhapatnam, title bearing "gesture recognition based interactive car game" ON 24th and 25th January 2015.</li> <li>➤ Successfully published a paper "A Comparative Study On Procedures On Content Based Image Retrieval In Medical Images" in international journal of computer engineering &amp; technology (IJCET) volume 5 ,issue10, page 64-73,October 2014.</li> <li>➤ Successfully published a paper in IEEE sponsored International Conference EESCO-2015, at Vignan's Institute Of Information Technology, visakhapatnam, title bearing "Analysis Of Algorithm Model For Gait Recognition" ON 24th and 25th January 2015.</li> </ul> |
| 2013-14 | <ul style="list-style-type: none"> <li>➤ Paper Title "Advanced Video Compression Using H.264" was Published by "International Journal of Emerging Technology and Advanced Engineering (IJETA), ISSN (2250-2459)volume3,issue1,jan-2013.</li> <li>➤ Paper title "Design And Development Of HCI Using Gesture Recognition" was Presented in international conference on emerging innovative technology for a sustainable world (ICEITSW-2013) conducted by Oklahoma state university.</li> <li>➤ Paper title "Impact of Incubation Period of Cow Dung Inoculums on Biomethanation of Water Hyacinth" was selected in international conference in ICBPSCE-2014, pattaya.</li> <li>➤ Paper Title "Dynamic Hand Gesture Using CBIR" was Published by "IAEME International Journal of computer engineering and technology(IJCET)"-2013 ,volume4,issue3,PP-340-342,may- june 2013.</li> <li>➤ Paper title "Design And Implementation Of Fast -Lifting Based Wavelet Transform For Image Compression" IJTEL, ISSN: 2319-2135,VOL.3, NO.3, JUNE 2014.</li> <li>➤ Paper Title "Design and Development of Multiple Skeletal Gesture and Depth Recognition using Kinect" was Published by "Elsevier, a division of Reed ElsevierIndia private limited.", ISBN (9789351072607) Volume-3,</li> </ul>        |

|         |  |
|---------|--|
|         | <p>ERCICA-2014.</p> <ul style="list-style-type: none"> <li>➤ Paper title "Design And Development Of Multiple Skeleton Recognition Using Kinect" was published in ITSI Transactions on Electrical and Electronics Engineering (ITSI-TEEE) ISSN (PRINT) : 2320 –8945, Volume - 2, Issue -5,6 2014.</li> <li>➤ Paper title "Survey On Skeleton Gesture Recognition Provided By Kinect" was published in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 3." ISSN ONLINE(2278-8875) PRINT (2320-3765).</li> <li>➤ Paper title "Survey Paper On Hand Gesture Recognition" was published by International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 3, Issue 4, April 2014.</li> <li>➤ Paper title "High Speed, Low Power N/ (N+1) Prescaler Using TSPC And E - TSPC:A Survey" was published in . International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 3, Issue 4, April 2014</li> </ul>   |
| 2012-13 | <ul style="list-style-type: none"> <li>➤ Paper Title "Optimized Routing Algorithm For Congestion Control In Wireless Sensor Network" was Published by "IFRSA International Journal of mobile and adhoc network (IJman)"-2012 at International Forum Of Researchers Students And Academician(IFRSA) ", ISSN (2231-6825)volume2,issue4,nov-2012.</li> <li>➤ Paper Title "Integer Wavelet Based Stenographic Model By Selecting Variable Bit Length" was Published by "IFRSA International Journal of mobile and adhoc network (IJMAN)"-2012 at International Forum Of Researchers Students And Academician(IFRSA) ", ISSN (2231-6825)volume2,issue4,nov-2012.</li> <li>➤ Paper Title "Route handoff using channel aware routing in manet" was Published by "IFRSA International Journal of mobile and adhoc network (IJMAN)"-2012 at International Forum Of Researchers Students And Academician(IFRSA) ", ISSN (2231-6825)volume2,issue4,nov-2012.</li> <li>➤ Paper Title "Secure Data Collection In WSN Using Randomised Dispersive Routes" was Published by "IFRSA International Journal of data warehousing and mining (IJDWM)"-2012 at International Forum Of Researchers Students And Academician(IFRSA) ", ISSN (2249-2186)volume2,issue3,oct-2012.</li> <li>➤ Paper Title "Image Mail Sever" was Published by "IFRSA International Journal of data warehousing and mining (IJGIP)"-2012 at International Forum Of Researchers Students And Academician(IFRSA) ", ISSN (2249-5456)volume2,issue4,nov-2012.</li> </ul> |
| 2011-12 | <ul style="list-style-type: none"> <li>➤ Paper Title "Dynamic Hand Gesture Recognition" was Published by "IFRSA International Journal of graphics and image processing (IJGIP)"-2012 at International Forum Of Researchers Students And Academician(IFRSA) ", ISSN (2249-5452)volume2,issue1,april2012.</li> <li>➤ Paper Title "Design And Development Of HCI System Based On Gesture Recognition Using SVM" has Published by "IFRSA International Journal of graphics and image processing (IJGIP)"-2012 at International Forum Of</li> </ul>   |

|  |  |
|--|--|
|  | <p>Researchers Students And Academician(IFRSA) ", ISSN (2249-5452)volume2,issue2,july2012.</p> <p>➤ Paper title "An Automatic Approach For Segmentation Of Ultrasound Liver Images" was published by "IJETA",ISSN(2250-2459),volume3,issue1,jan2013.</p> <p>➤ Paper title "Common Radio Resource Management for Heterogeneous Wireless Network" was published by IFRSA Board at International Journal of Mobile and Adhoc Network.(IFRSA-IJMAN)vol-2 issue-2, may-2012.</p> <p>➤</p> |
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### 9. Courses Taught:

| S.No | Course Name                                |
|------|--|
| 1.   | Antenna theory and design                  |
| 2    | Information theory and coding              |
| 3    | Computer communication networks            |
| 4    | Computer networks                          |
| 5    | Multimedia communication                   |
| 6    | Network security                           |
| 7    | wireless communication and mobile networks |
| 8    | Image processing                           |
| 9    | Management and Entrepreneurship            |
| 10   | Antenna wave and propagation               |
| 11   | Virtual reality                            |
| 12   | Computer vision                            |

### BOOKS PUBLISHED

- Authored "Digital communication fundamentals" harshavardhan publications pvt limited Maharashtra ISBN-978-93-89003-66-6,2019
- Authored "linear and digital IC applications" international society for green sustainable engineering and management,west Bengal ISBN-978-93-88936-07-1,2019
- Authored "advanced processors and real time operating systems" harshavardhan publications pvt limited Maharashtra ISBN-978-93-89003-74-1,2020
- Authored "Data communication networking" SAMS publishers,alwar nagar,Chennai-600061 ISBN-9789339219670,2021

## **PATENTS**

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- B.P.Pradeep Kumar et.al application no: 201841014694, Title:“ AN apparatus for reducing linear microstrip line bend loss using rectangular patch antenna” ,Date of filing:18th April 2018 ,Jurisdiction: Chennai, India
- B.P.Pradeep Kumar et.al application no: 201841015587, Title:“ planar inverted-F Antenna (PIFA) with improved bandwidth and impedance” ,Date of filing:25th April 2018 ,Jurisdiction: Chennai, India
- B.P.Pradeep Kumar et.al application no: 201841021711, Title:“ multi band microstrip patch antenna” ,Date of filing:11th June 2018 ,Jurisdiction: Chennai, India
- Dr. Pradeep kumar .B.P et.al “Human Visual System (HVS) Vein viewer”: Prior Art Check Successful, Filing is in progress.
- Dr. Pradeep kumar .B.P et.al “An apparatus for Human Visual System (HVS) Audiometry: Prior Art Check Successful, Filing is in progress.
- Dr. Pradeep kumar .B.P et.al “Aqua skimmer for trash collection” : Prior Art Check Successful, Filing is in progress.
- Dr.B.P.Pradeep Kumar et.al application no: 201941020560A, Title:“design and development of wireless wall climbing robot electrical ducted Fan” ,Date of filing:14th June 2019 ,Jurisdiction: Chennai, India
- Dr.B.P.Pradeep Kumar et.al application no: 201941031332., Title:“ Motorized Day Bed Control Interfaced with an Ingrained System by Simple Physical Movements” ,Date of filing:02nd august 2019 ,Jurisdiction: Chennai, India
- Dr.B.P.Pradeep Kumar et.al application no: 201941033262., Title:“An apparatus and method for determining one or more veins of an object” ,Date of filing:17th august 2019 ,Jurisdiction: Chennai, India
- Dr.B.P.Pradeep Kumar et.al application no: 201941040472., Title:“a system and method for premises monitoring” ,Date of filing:6th October 2019 ,Jurisdiction: Chennai, India
- Dr.B.P.Pradeep Kumar et.al application no: 202041036103., Title:“ a system and method for enabling a power divider based on edge coupled microstrip lines” ,Date of filing:4th september 2020 ,Jurisdiction: Chennai, India
- Dr.B.P.Pradeep Kumar et.al application no: 202141041154., Title:“database creation for speakers uniqueness identification through resonant peak bandwidth estimation for deccan English speakers” ,Date of filing:14th september 2021 ,Jurisdiction: Chennai, India

## **FDP CONDUCTED**

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- Served as convenor a lion India research Pvt.ltd sponsored one week FDP “data analytics using artificial intelligence and machine learning” from 12-17/4/2021 organised by HKBKCE, Bangalore

## **FDP attended as a resource person**

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- Contributed as a resource person on AICTE sponsored two weeks FDP “implications of IOT using android applications” from 15-27/7/2019 organised by Dr.AIT Bangalore
- Organised and Contributed as a resource person on lion India research Pvt.ltd sponsored one week FDP “data analytics using artificial intelligence and machine learning” from 12-17/4/2021 organised by HKBKCE, Bangalore

## **SDP CONDUCTED**

- 
- Contributed as a resource person on three days SDP “python basics ”from 21-23/8/2019 organised by HKBK college of engineering, Bangalore
  - Organised and Contributed as a convenor for 5 days SDP “machine learning using python ”from 25-29/11/2021 organised by HKBK college of engineering, Bangalore

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### **STTP CONDUCTED**

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- Contributed as a resource person on AICTE Quality Improvement Scheme (AQIS) Sponsored 6 Days Online Short Term Training Programme“ Satellite Image and Video Data Analytics” 22nd – 27th March 2021

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### **INDUSTRIAL VISITS ORGANISED**

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- organised one day industrial visit to “Master control facility ISRO-HASSAN” on 16/9/2019 organised by HKBK college of engineering, Bangalore

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### **PROJECT EXHIBITION JURY MEMBER**

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- IEEE project jury4 th National Level Project Competition “IEEE PROJECT EXPO 2019” on 29 th April 2019 under GSSSIETW,mysore
- IEEE project jury for 5th th National Level Project Competition “IEEE PROJECT EXPO 2021”(virtual) on 26 th june 2021 under GSSSIETW,mysore

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### **CONFERENCE SESSION CHAIR**

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- Technical Session Chair for the “2nd National Conference on Recent Innovation in Engineering, Science, Humanities and Management (ESHM-19) ” scheduled on 29th March 2019 at School of Electronics and Communication Engineering REVA University, Rukmini Knowledge Park, Yelahanka, Bangalore (India).
- AICTE sponsored International e conference on “recent trends and development in information and communication engineering(ICRTDIC-2020)”scheduled on 23 october 2020 at Dr,AIT,bangalore
- Technical session chair for international conference on computing system and its applications ICCSA-2021 scheduled on July 16<sup>th</sup> at acharya institute of technology bangalore
- Technical session chair for international conference on integrated iintelligent computing communication and security ICIIC-2021 scheduled on August 7<sup>th</sup> at acharya institute of technology Bangalore
- Technical session chair for international conference on advances in business management and intelligent system ICABMIS scheduled on February 11<sup>th</sup> and 12<sup>th</sup> at Atria institute of technology Bangalore

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### **CONFERENCE REVIEW COMMITTEE**

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- International Conference on Advanced Technologies in Intelligent Control,Environment, Computing and Communication Engineering (ICATIECE – 2019), DAYANANDA SAGAR INSTITUTION



- 4 th International Conference on Electrical,Electronics,Communication,Computer technologies and optimization techniques (ICEECCOT-19), GSSSIT,mysore
- IEEE mysore subsection international conference(mysurucon-2021)to be held on 24-25 october at navkis college of engineering hassan.
- IEEE international conference on mobile networks and wireless communications ICMNWC-2021organised at SSIT tumkur to be held on 3-4 december

### **FDP ATTENDED**

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- “Industrial Iot using labview-A hands on approach” in association with VI solutions on 15 th to 17 th FEB 2019 conducted by HKBKCE,Bangalore
- “Analog and digital design IC design using cadence tool” ” in association with entuple technologies on 12 th to 14 th March 2019 conducted by Nagarjuna college of engineering and technology, Bangalore
- “computer network using network simulators”in association with IETE Bangalore centre on 20-24 th march 2019 conducted by SJCIT,chikkaballapura
- “Industrial Iot using labview-A hands on approach” in association with VI solutions on 15 th to 17 th FEB 2019 conducted by HKBKCE,Bangalore
- “develop the next generation of engineering educators”in collaboration with IBM on 9<sup>th</sup> December to 13<sup>th</sup> December 2019 conducted by HKBKCE,Bangalore
- One week workshop on “non linear bio medical signal processing”organised by MSRITfrom 6-11 th January 2020
- 5-day online workshop on “AWARENESS ON NATIONAL INSTITUTIONAL RANKING FRAMEWORK” held from15th-19th February 2021 by Department Of Electronics &Communication, HKBK College Of Engineering
- “Enabling Students towards Higher Order Thinking (HOT) “in association with IQAC, is organizing a Four-Day National Level Online Workshop **from 16<sup>th</sup> to 19<sup>th</sup> March 2021.**
- “Demystifying Optimization Techniques” organised by Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu, India from22 to 27 March 2021
- “advanced embedded system” in association with IETE Bangalore centre on 6-10 th april 2021 conducted by HKBKCE ,Bangalore

### **EXTENDED LECTURE**

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- Delivered a lecture on spread spectrum techniques in 3 days workshop on “concepts of digital communication” jointly organised by OSI and IETE student chapter of JAIN SET 10 may 2019
- Delivered a expert lecture on “gait analysis using kinect camera” organised by Dept of ECE new prince shri bhavani college of engineering and technology on 19/4/2021
- Delivered a lecture on “Satellite communication” organised by Dept of ECE as a part of lecture series IETE student chapter of new prince shri bhavani college of engineering and technology on 23/6/2021

### **EXPERT LECTURE SERIES ORGANISED**

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- Organised expert lecture on Architecture of DSP by Dept of ECE as a part of lecture series IETE student chapter of HKBK college of engineering and technology on 15/12/2021
- Organised expert lecture on Verilog HDL by Dept of ECE as a part of lecture series IETE student chapter of HKBK college of engineering and technology on 15/12/2021

## WEBINAR ORGANISED

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- Organised webinar on gate awareness quiz program in association with Unacademy and Dept of ECE ,HKBK college of engineering and technology on 13/12/2021

## MOU

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- Initiated and signed an MOU with Embiot technologies pvt ltd to impart incubation and innovation management and specific training programs by establishing centre of excellence.
- Initiated and signed an MOU with karunadu technologies pvt ltd for specific training programs for students and faculties.
- Initiated and signed an MOU with VI solutions pvt ltd for value added courses that will impart specific preplacement training programs.
- Initiated and signed an MOU with VI MIT square pvt ltd for internship programs that will impart the knowledge of industry projects.



**Digital Sign  
(name)**

## Faculty Profile

1. Name : Dr. Maaz Ahmed

2. Highest Qualifications : Ph. D

3. Academic Performance :



| Qualifications                       | Board / IIT / University              | Institute and place where studied |
|--------------------------------------|---------------------------------------|-----------------------------------|
| <b>B.E (ECE)</b>                     | Visvesvaraya Technological University | HKBK College of Engineering       |
| <b>M.Tech(Digital Communication)</b> | Visvesvaraya Technological University | MSRIT , Bangalore                 |
| <b>Ph.D(ECE)</b>                     | Visvesvaraya Technological University | HKBK College of Engineering       |

4. Gender : Male

5. Present Status : Associate Professor

6. Present Institute : HKBK College of Engineering, Bangalore, India

7. Experience (Starting from the latest to the earliest)

| Designation         | From | To            | Institution / Industry          |
|---------------------|------|---------------|---------------------------------|
| Associate Professor | 2021 | till date     | HKBK College of Engineering     |
| Assistant Professor | 2018 | 2021          | HKBK College of Engineering     |
| Assistant Professor | 2011 | February 2013 | Islamia Institute of Technology |
|                     |      |               |                                 |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> | Ahmed, M., Ahmed, W. (2022). State-of-the-Art Power Management Techniques. In: Gupta, D., Khanna, A., Kansal, V., Fortino, G., Hassanien, A.E. (eds) Proceedings of Second Doctoral Symposium on Computational Intelligence . Advances in Intelligent Systems and Computing, vol 1374. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-16-3346-1_18">https://doi.org/10.1007/978-981-16-3346-1_18</a> |

|                |   |
|----------------|---|
| <b>2019-20</b> | “Power Optimization of CFD Applications on Heterogeneous Architectures”, International Journal of Computer Applications (0975 - 8887) Volume 166 - No.8, May 2017   |
| <b>2018-19</b> | “PSim: A Simulator for Estimation of Power Consumption in a Cluster”Proceedings of the World Congress on Engineering and Computer Science 2018 Vol I WCECS 2018, October 23-25, 2018, San Francisco, USA  |
| <b>2017-18</b> | M. Ahmed, I. A. Khan, S. A. Ali, D. Saeed, S. Kumar and W. Ahmed, "PHOENIX: A Software tool to measure power consumption and identify the power profiles of applications," 2016 International Conference on Information Science (ICIS), 2016, pp. 239-244, doi: 10.1109/INFOSCI.2016.7845334. |

### 9. Courses Taught:

| <b>S.No</b> | <b>Course Name</b>                     |
|-------------|--|
| 1.          | Information Theory and Coding          |
| 2           | Computer Organisation and Architecture |
| 3           | Digital Image Processing               |
| 4           | Microprocessor                         |
| 5           | Microcontroller                        |
| 6           | Real Time Systems                      |

**Digital Sign**  
**(Dr, Maaz Ahmed)**

## Faculty Profile

1. **Name** : Mr. Surendra K.V.
2. **Highest Qualifications** : M.Tech
3. **Academic Performance** :



| Qualifications                          | Board / IIT / University | Institute and place where studied               |
|---|--------------------------|---|
| <b>B.E (ECE)</b>                        | VTU                      | CMRIT, Bangalore                                |
| <b>M.Tech<br/>(Applied Electronics)</b> | DR.MGR University        | DR.MGR Educational & Research Institute, Madras |
| <b>Ph.D.<br/>(ECE/Pursuing)</b>         | Jain University          | Jain University, Bangalore, Karnataka           |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation         | From       | To         | Institution                                     |
|---------------------|------------|------------|---|
| Assistant Professor | 06-07-09   | Till date  | HKBK College Of Engineering, Bangalore          |
| Sr. Lecturer        | 01-02-2008 | 03-06-2009 | Rajiv Gandhi Institute Of Technology, Bangalore |
|                     |            |            |   |
|                     |            |            |   |
|                     |            |            |   |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> | A Review on Genetic Programming/ International Journal of Research and Analytical Reviews(IJRAR),E- ISSN 2348-1269,P-ISSN 234 9-5138/March 2021   |
| <b>2019-20</b> | An Apparatus & Method based on Complementary Recoding of In Point Multiplication in Elliptical Cryptography for Securing Chip Cards from Simple Power Analysis Attacks/Indian Patent/Published/26-06-20 |

|                |   |
|----------------|---|
| <b>2018-19</b> | 1.Design and Fabrication of Microstrip 2x2 Array antenna for S-Band applications/<br>International Journal of Research and Analytical Reviews(IJRAR),E- ISSN 2348-1269,P-ISSN 234 9-5138, Volume 6, Issue 2, June 2019  |
| <b>2017-18</b> | 1. “Design and Implementation of versatile e-BOT using Raspberry Pi”<br>/International Journal of Electronics, Electrical and Computational System(IJEECS), ISSN 2348-117X, Volume 7, Issue 4, April 2018<br><br>2. Wavelets in the Analysis of Autoregressive Conditional Heteroskedasticity(ARCH) Models using Neural Network/ International Journal of Computer & Mathematical Sciences(IJCMS), ISSN 2347-8527, Volume 7, Issue 4, April 2018. |
|                | 3. Wireless Human Eye Movement Commanded Microcontroller Machine/<br>International Journal of Electronics, Electrical and Computational System(IJEECS), ISSN 2348-117X, Volume 7, Issue 4, April 2018.  |
|                | 4. e-Capsule Endoscope/ International Journal of Engineering Technology Science and Research(IJETSR), ISSN 2394-3386, Volume 5, Issue 4, April 2018.  |
|                |   |

### 9. Courses Taught:

| SL.No    | Course Name  |
|----------|--|
| <b>1</b> | Basic Electronics                                      |
| <b>2</b> | Signals & Systems                                      |
| 3        | Electronic Instrumentation                             |
| 4        | Fundamentals of HDL                                    |
| <b>5</b> | Digital Signal Processing                              |
| 6        | Analog Communication                                   |
| 7        | Information Theory and Coding                          |
| 8        | Management and Entrepreneurship                        |
| 9        | Technological Innovation Management & Entrepreneurship |
| 10       | VHDL   |
| 11       | Digital Communication                                  |
| 12       | Antennas & Propagation                                 |
| 13       | Digital Switching Systems                              |
| 14       | Microwaves & Antennas                                  |
| 15       | DSP Architecture & Algorithms                          |



**Digital Sign  
(Surendra K.V.)**



## Faculty Profile

1. **Name** : **Prof. Syeda Husna Mohammadi**
2. **Highest Qualifications** : **M.Tech**  
(Digital Electronics and Communication)
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied      |
|--------------------|--------------------------|--|
| <b>B.E (ECE)</b>   | VTU, Belagavi            | HKBK College of Engineering, Bangalore |
| <b>M.Tech(ECE)</b> | VTU, Belagavi            | MSRIT, Bangalore                       |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From      | To         | Institution / Industry             |
|---------------------|-----------|------------|------------------------------------|
| Assistant Professor | 1/1/2014  | Till date  | <b>HKBK College Of Engineering</b> |
| Senior Lecturer     | 1/3/2012  | 31/12/2013 | <b>HKBK College Of Engineering</b> |
| Lecturer            | 16/8/2005 | 29/2/2012  | <b>HKBK College Of Engineering</b> |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Syeda Husna Mohammadi, "Audio Transmission with Li-Fi Technology" has been published in International Research <b>Journal</b> of Engineering and Technology (IRJET) Volume 9, Issue 1, January 2022. |
|                | <b>Projects:</b> 1. Interactive Gesture Based System with email Access for Impaired Patients.<br>2. Automatic Detection and Notification of Potholes and Humps on roads to aid drivers.              |
| <b>2020-21</b> | Syeda Husna Mohammadi, "Smart Traffic Monitoring system using Arduino-UNO", <i>Jouranl of Huazhong University of Science and Technology</i> ,Voume 50, Issue-03, 2021.                               |
|                | <b>Project:</b> Cloud Based Face and Speech Recognition  |
| <b>2019-20</b> | A Review on Smart Farming with Zinc fortified Sprouts, 4 <sup>th</sup> <b>world Conference</b> on Smart Trends in Systems, Security and Sustainability   |

|         |  |
|---------|--|
|         | An approach for Digital Farming using Mobile Robot in 2 <sup>nd</sup> International Conference on Inventive Research in Computing Applications(ICICA-2020) |
|         | Projects: 1. Analysis of ground based signal Processing RADAR.<br>2. Antenna Array Signal Processing.  |
| 2018-19 | Projects: 1. Smart City Traffic Monitoring System<br>2. Book Reader Using Raspberry Pi for Visually Impaired   |
| 2017-18 | Project: Portable compact Soil Tester  |

#### 9. Courses Taught:

| S.No | Course Name                     |
|------|---------------------------------|
| 1.   | Embedded Systems                |
| 2.   | VLSI Design                     |
| 3.   | Cryptography                    |
| 4.   | DSP Algorithms and Architecture |
| 5.   | Wireless Communication          |
| 6.   | Multimedia Communication        |
| 7.   | Information Theory & Coding     |
| 8.   | Digital System Design           |
| 9.   | Fundamentals of CMOS VLSI       |
| 10.  | Analog Communication            |
| 11.  | Digital Signal Processing       |
| 12.  | Signals & Systems               |
| 13.  | Operations Research             |
| 14.  | Linear Integrated Circuits      |

*Syeda Husna Mohammad*  
 Digital Sign  
 (Syeda Husna Mohammadi)

## Faculty Profile

1. **Name** : **Abdul Saleem**
2. **Highest Qualifications** : **M.Tech in VLSI design and Embedded System**
3. **Academic Performance** :



| Qualifications       | Board / IIT / University                                       | Institute and place where studied                    |
|----------------------|--|--|
| <b>B.E (ML)</b>      | <b>Visvesvaraya Technological University, Karnataka, India</b> | <b>HKBK College Of Engineering, Bangalore, India</b> |
| <b>M. Tech (ECE)</b> | <b>Visvesvaraya Technological University, Karnataka, India</b> | <b>RITM, Bangalore, India</b>                        |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

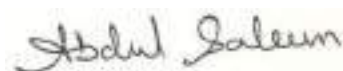
| Designation                | From              | To               | Institution / Industry                               |
|----------------------------|-------------------|------------------|--|
| <b>Assistant Professor</b> | <b>06/09/2005</b> | <b>Till date</b> | <b>HKBK College Of Engineering, Bangalore, India</b> |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2020-21</b> | Books Authored and Chapters Contributed To:<br>1. "Data Communication Networking" 2021, published by SAMS Publishers.<br>2. "Multi-Media Communication" 2021, published by SAMS Publishers.<br>3. "Signals and Systems" 2021, published by SAMS Publishers.<br>4. "Digital Signal Processing" 2021, published by SAMS Publishers.   |
| <b>2019-20</b> | 1. "Enhancement of the Iris-Texture by Removal of Specular Reflections for an accurate Iris Segmentation", Proceedings of the Second International Conference on Inventive Research in Computing Applications (ICIRCA-2020) IEEE Xplore Part Number: CFP20N67-ART; ISBN: 978-1-7281-5374-2<br>2. "Wireless Biometric Attendance Monitoring System Using Labview", International Journal of Engineering Research & Publication (IJREP)-2019, Volume-2, Issue-1 |

### 9. Courses Taught:

| S.No | Course Name   |
|------|---|
| 1.   | Principles of communication system  |
| 2.   | Basic Electronics   |
| 3.   | Digital Electronics   |
| 4.   | Control systems   |
| 5.   | Mechatronics  |
| 6.   | Microprocessor  |
| 7.   | Digital system Design   |
| 8.   | Analog communication  |
| 9.   | Transducers   |
| 10.  | Electronic Instrumentation  |
| 11.  | Lasers and optical Fibers   |
| 12.  | Linear Algebra  |
| 13.  | Artificial organs   |
| 14.  | Medical Science   |
| 15.  | Biomedical Instrumentation  |
| 16.  | Biomedical digital signal processing  |
| 17.  | X-Rays and Imaging  |
| 18.  | Analog communication Lab, Analog Electronics Lab, Microprocessor lab, Microcontroller Lab, Linear integrated circuit Lab, Digital signal processing lab, Medical Science Lab, Digital Image Processing Lab, Biomedical signal processing lab, Digital system design lab |



(Abdul Saleem)

## Faculty Profile

1. **Name** : **Prof. Mohamed Jebran P**
2. **Highest Qualifications** : **M. Tech (Ph. D)**  
Digital Communication  
and Networking
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ECE)</b>   | VTU                      | SJMIT, Chitradurga                |
| <b>M.Tech(ECE)</b> | VTU                      | DSCE, Bangalore                   |
| <b>Ph.D(ECE)</b>   | Jain University          | Jain University, Bangalore        |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Assistant Professor | 2-8-2012   | Till date  | HKBKCE, Bangalore      |
| Lecturer            | 23-08-2010 | 30-07-2012 | KNSIT, Bangalore       |
|                     |            |            |                        |
|                     |            |            |                        |
|                     |            |            |                        |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Pendekal, M. J., & Gupta, S. (2022). An Ensemble Classifier Based on Individual Features for Detecting Microaneurysms in Diabetic Retinopathy. <i>Indonesian Journal of Electrical Engineering and Informatics (IJEI)</i> , 10, 60–71.   |
| <b>2020-21</b> | Jebran, P. M., & Gupta, S. (2021). Pre-diabetic retinopathy identification using hybrid Genetic algorithm-neural network classifier. <i>Journal of Physics: Conference Series</i> , 1937, p. 012033.<br><br>Jebran, P. M., & Gupta, S. (2021). Microaneurysm detection by multiple feature subset extraction and selection based on SVM-weights and Genetic Algorithm-Neural |

|                |   |
|----------------|---|
|                | <p>Network. <i>2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)</i>, 1, pp. 129–134.</p> <p>Jebran, M., &amp; Banu, S. (2021). Deep Learning-Based Diabetic Retinopathy Detection: A Survey. <i>International Journal of Organizational and Collective Intelligence (IJOCI)</i>, 11, 38–48.</p> |
| <b>2019-20</b> | <p>Pendekal, S. (2020/1). Detection of Lesions for Diabetic Retinopathy By using Machine Learning Algorithms. <i>International Journal of Recent Technology and Engineering (IJRTE)</i>, 8, 1160-1166.</p>  |
| <b>2018-19</b> | <p>Wireless biometric attendance monitoring system using lab view, <i>IJREP</i>, volume-2, issue-1, july-2019.</p>  |
| <b>2017-18</b> | <p>S. Yaseen, S. Fathima, K. V. Surendra, P. Jebran and S. Sanober, "Gesture controlled touch less response using image processing," <i>2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)</i>, 2017, pp. 2610-2614, doi: 10.1109/ICECDS.2017.8389925.</p>                                |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name                         |
|----------|-------------------------------------|
| <b>1</b> | Microcontroller                     |
| <b>2</b> | Microprocessor                      |
| <b>3</b> | Python Application Programming      |
| <b>4</b> | Machine Learning                    |
| <b>5</b> | Power Electronics                   |
| <b>6</b> | Power Electronics & Instrumentation |
| <b>7</b> | Antennas & Wave Propagation         |

(Mohamed Jebran P)

## Faculty Profile

1. **Name** : **Dr. Nayana Hegde**
2. **Highest Qualifications** : **Ph.D. ECE**
3. **Academic Performance** :



| Qualifications     | Board / IIT / University     | Institute and place where studied |
|--------------------|------------------------------|-----------------------------------|
| <b>B.E (ECE)</b>   | Karnataka University Dharwad | B.V.B.C.E.T Hubli                 |
| <b>M.Tech(ECE)</b> | VTU                          | Reva ITM Bangalore                |
| <b>Ph.D(ECE)</b>   | Reva University              | Reva University, Bangalore        |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                      | From       | To         | Institution / Industry         |
|----------------------------------|------------|------------|--------------------------------|
| <b>Assistant Professor</b>       | 8/8/2019   | Till Date  | HKBKCE                         |
| <b>Assistant Professor</b>       | 27/07/2014 | 01/08/2019 | SKIT                           |
| <b>Lecturer</b>                  | 22/07/2011 | 18/06/2012 | Impact College of Engineering  |
| <b>Software Engineer</b>         | 16/06/2003 | 31/03/2009 | Infosys Technologies Bangalore |
| <b>Graduate Engineer Trainee</b> | 01/06/2002 | 12/06/2003 | NTTF                           |

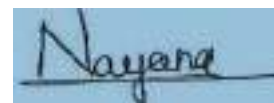
### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Nayana Hegde, Distributed integrity and non-repudiation scheme in the dynamic vehicular cloud environment, International Journal of Information and Computer Security, Vol1,issue 1, 1744-1765, 2022 |
| <b>2020-21</b> | Nayana Hegde, Secure Group Key Management Scheme For Dynamic Vehicular Cloud Computing, International Journal of Advanced Networking and Applications, 13(01), 4821-4826, 2021                       |
| <b>2019-20</b> | Nayana Hegde, Implementation of Energy Harvesting Mechanism for Wireless Sensor Network, Compliance Engineering Journal, Vol 10,Issue 12, 0898-3577, 2019  |
| <b>2018-19</b> | Nayana Hegde, A novel key management protocol for vehicular cloud security, Telecommunication Computing Electronics and Control, Vol 17, Issue:2,1693-6390, 2019                                     |
| <b>2017-18</b> | Nayana Hegde, Data Storage and Management in Vehicular Cloud Computing, International Journal of Advanced Research in Computer Science, Vol 9,Issue 3, 0975-5697, 2018                               |

### 9. Courses Taught:



| S.No | Course Name                               |
|------|---|
| 1    | Machine Learning                          |
| 2    | Electromagnetic waves                     |
| 3    | Linear Integrated Circuits                |
| 4    | Control Systems                           |
| 5    | Basic Electronics                         |
| 6    | Analog Communication                      |
| 7    | Power Electronics                         |
| 8    | C++ Programming                           |
| 9    | Information Theory and Coding             |
| 10   | Engineering Statistics and Linear Algebra |



**Dr. Nayana Hegde**

## Faculty Profile

1. Name : Prof. Abdul Azeez

2. Highest Qualifications : M.Tech  
Electronics &  
Communication  
Engineering

3. Academic Performance :



| Qualifications                | Board / IIT / University              | Institute and place where studied |
|-------------------------------|---------------------------------------|-----------------------------------|
| B.E (ECE)                     | Visvesvaraya Technological University | Ghousia College of Engineering    |
| M.Tech(Digital Communication) | Visvesvaraya Technological University | AMC Engineering College           |
| Ph.D(ECE)                     | VTU                                   | VTU-RRC (Pursuing)                |

4. Gender : Male

5. Present Status : Assistant Professor

6. Present Institute : HKBK College of Engineering, Bangalore, India

7. Experience (Starting from the latest to the earliest)

| Designation         | From | To        | Institution / Industry         |
|---------------------|------|-----------|--------------------------------|
| Assistant Professor | 2015 | Till date | HKBK College of Engineering    |
| Assistant Professor | 2011 | 2015      | Ghousia College of Engineering |
| Lecturer            | 2010 | 2011      | Ghousia College of Engineering |
| Lecturer            | 2007 | 2010      | AMC Engineering College        |

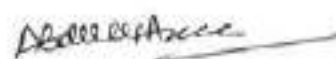
### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | -  |
| 2020-21 | <p><b><u>International Conference Presentation:</u></b></p> <p>1 'Performance Analysis of MIMO-OFDM Wireless Systems using Precoding and Companding Techniques'<br/><i>International Conference on Advanced Computing and Communication Systems (ICACCS 2021), Sri Eshwar College of Engineering, Coimbatore, INDIA, March 19-20, 2021</i></p> <p>2. 'Performance Study of Low-Density Parity Check Code (LDPC) Encoded MIMO-OFDM system by using Artificial Bee Colony Algorithm'</p> |

|                |   |
|----------------|---|
|                | <i>3<sup>rd</sup> International Conference on Soft Computing and Signal Processing (ICSCSP-2020), Malla Reddy College of Engineering and Technology, Hyderabad, INDIA, August 21-22, 2020</i>   |
| <b>2019-20</b> | -   |
| <b>2018-19</b> | --  |
| <b>2017-18</b> | <u><b>International Conference Presentation:</b></u><br>1. <b>‘Peak-to-Average-Power-Ratio (PAPR) reduction using Precoding and Companding Technique for MIMO- OFDM systems’</b><br>ICRIEECE 2018, KIIT University, Bhubaneswar, INDIA, 27-28, July 2018<br>2. <b>‘Peak-to-Average-Power-Ratio (PAPR) enhancement using LDPC for MIMO-OFDM systems’</b><br>ICEECCMC, Priyadarshini Engineering College, Vaniyambadi, INDIA, 28-29, January 2018 |

### 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1.   | Network Analysis                    |
| 2    | Wireless Communication              |
| 3    | Basic Electronics                   |
| 4    | Basic Electronics and Communication |
| 5    | Internet of Things                  |
| 6    | Wireless Sensor Networks            |



**Digital Sign**  
**(Prof. Abdul Azeez)**

## Faculty Profile

1. **Name** : PROF. SUFIA BANU

2. **Highest Qualifications** : **M.Tech, (Ph.D)**  
VLSI Design and  
Embedded Systems

3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ECE)</b>   | VTU                      | HKBK CE                           |
| <b>M.Tech(ECE)</b> | VTU                      | REVA ITM                          |
| <b>Ph.D(ECE)</b>   | JAIN                     | JAIN UNIVERISTY                   |

4. **Gender** : **Female**

5. **Present Status** : **Assistant Professor**

6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

7. **Experience** (Starting from the latest to the earliest)

| Designation         | From | To        | Institution / Industry     |
|---------------------|------|-----------|----------------------------|
| Assistant Professor | 2016 | Till Date | HKBK COLLGE OF ENGINEERING |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | <ul style="list-style-type: none"> <li>Journal title “Deep Learning-Based Diabetic Retinopathy Detection: A Survey” at International Journal of Organizational and Collective Intelligence Volume 11, Issue 3, July-September 2021 Copyright © 2021, IGI Global.</li> <li>Paper titled “Leakage Minimization in Semiconductor Circuits for VLSI Application” in the 5th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECOT-2021) on 10th-11th December 2021 by GSSS Institute of Engineering &amp; Technology for Women.</li> </ul>   |
| <b>2020-21</b> | <ul style="list-style-type: none"> <li>Paper titled “Review of Circuit Level Leakage Power Minimization Techniques in Deep Submicron Technology” in the National Conference JNANA CHILUME 2020, 25th November 2020 at JGI Global Campus, Jain University.</li> <li>Paper titled “Implementation of Smart Mirror Using Raspberry Pi” at Recent Trends &amp; Development in Information and Communication Engineering (ICRTDIC-2020) on 23rd October 2020 organized by Dr. Ambedkar Institute of Technology.</li> <li>Paper titled “The Sub-threshold Leakage Reduction Techniques in CMOS Circuits”, at The International Conference on Smart Technologies in Computing Electrical and Electronics, 9-10th October 2020 organized by REVA University.</li> </ul> |

|                |   |
|----------------|---|
|                | <ul style="list-style-type: none"> <li>Paper titled “Microcontroller Based Industrial Production Line Management System” at Virtual Conclave on Computer Vision Impelled Technology (VCCVIT2020) held on 11-12th September, 2020, Dayananada Sagar University.</li> </ul> |
| <b>2019-20</b> | NIL   |
| <b>2018-19</b> | NIL   |
| <b>2017-18</b> | NIL   |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name                   |
|----------|-------------------------------|
| 1        | BASIC ELECTRONICS             |
| 2        | DIGITAL ELECTRONICS           |
| 3        | CONTROL SYSTEMS               |
| 4        | EMBEDDED SYSTEMS              |
| <b>5</b> | IMAGE PROCESSING              |
| 6        | DIGITAL SYSTEM DESIGN         |
| 7        | INFORMATION THEORY AND CODING |
| 8        | DIGITAL SWITCHING SYSTEMS     |

  
 (SUFIA BANU)

## Faculty Profile

1. **Name** : **Prof. Mohamed Jebran P**
2. **Highest Qualifications** : **M. Tech (Ph. D)**  
Digital Communication  
and Networking
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ECE)</b>   | VTU                      | SJMIT, Chitradurga                |
| <b>M.Tech(ECE)</b> | VTU                      | DSCE, Bangalore                   |
| <b>Ph.D(ECE)</b>   | Jain University          | Jain University, Bangalore        |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Assistant Professor | 2-8-2012   | Till date  | HKBKCE, Bangalore      |
| Lecturer            | 23-08-2010 | 30-07-2012 | KNSIT, Bangalore       |
|                     |            |            |                        |
|                     |            |            |                        |
|                     |            |            |                        |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Pendekal, M. J., & Gupta, S. (2022). An Ensemble Classifier Based on Individual Features for Detecting Microaneurysms in Diabetic Retinopathy. <i>Indonesian Journal of Electrical Engineering and Informatics (IJEI)</i> , 10, 60–71.   |
| <b>2020-21</b> | Jebran, P. M., & Gupta, S. (2021). Pre-diabetic retinopathy identification using hybrid Genetic algorithm-neural network classifier. <i>Journal of Physics: Conference Series</i> , 1937, p. 012033.<br><br>Jebran, P. M., & Gupta, S. (2021). Microaneurysm detection by multiple feature subset extraction and selection based on SVM-weights and Genetic Algorithm-Neural |

|                |   |
|----------------|---|
|                | <p>Network. <i>2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)</i>, 1, pp. 129–134.</p> <p>Jebran, M., &amp; Banu, S. (2021). Deep Learning-Based Diabetic Retinopathy Detection: A Survey. <i>International Journal of Organizational and Collective Intelligence (IJOCI)</i>, 11, 38–48.</p> |
| <b>2019-20</b> | <p>Pendekal, S. (2020/1). Detection of Lesions for Diabetic Retinopathy By using Machine Learning Algorithms. <i>International Journal of Recent Technology and Engineering (IJRTE)</i>, 8, 1160-1166.</p>  |
| <b>2018-19</b> | <p>Wireless biometric attendance monitoring system using lab view, <i>IJREP</i>, volume-2, issue-1, july-2019.</p>  |
| <b>2017-18</b> | <p>S. Yaseen, S. Fathima, K. V. Surendra, P. Jebran and S. Sanober, "Gesture controlled touch less response using image processing," <i>2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)</i>, 2017, pp. 2610-2614, doi: 10.1109/ICECDS.2017.8389925.</p>                                |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name                         |
|----------|-------------------------------------|
| <b>1</b> | Microcontroller                     |
| <b>2</b> | Microprocessor                      |
| <b>3</b> | Python Application Programming      |
| <b>4</b> | Machine Learning                    |
| <b>5</b> | Power Electronics                   |
| <b>6</b> | Power Electronics & Instrumentation |
| <b>7</b> | Antennas & Wave Propagation         |

(Mohamed Jebran P)



## Faculty Profile

1. **Name** : Anees Fathima
2. **Highest Qualifications** : M.Tech  
Electronics
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ML)       | VTU                      | BMSCE,Bangalore                   |
| M.Tech(ECE)    | VTU                      | BMSCE,Bangalore                   |
|                |                          |                                   |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation | From | To        | Institution / Industry |
|-------------|------|-----------|------------------------|
| Asst Prof   | 2018 | Till Date | HKBKCE                 |
| Lecturer    | 2003 | 2010      | HKBKCE                 |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details                                      |
|---------|--|
| 2021-22 |  |
| 2020-21 | Smart traffic monitoring system using Arduino uno,Huazhong university of science & Technology                |
| 2019-20 |  |
| 2018-19 | Implementation of energy harvesting mechanism for wireless sensors, Compliance Engineering journal, Dec 2019 |
| 2017-18 |  |
|         |  |

### 9. Courses Taught:

| S.No | Course Name     |
|------|-----------------|
| 1    | Medical Science |
| 2    | Neural Network  |
| 3    | Linear Algebra  |

|    |                                   |
|----|-----------------------------------|
| 4  | Control System                    |
| 5  | Digital Image Processing          |
| 6  | Principal of Communication System |
| 7  | Radar Engineering                 |
| 8  | Imaging System                    |
| 9  | Biomedical Instrumentation        |
| 10 | Artificial organs                 |
| 11 | Laser and fiber optics            |
| 12 | Electronic Instrumentation        |
| 13 | Analog Circuits                   |



**Digital Sign**  
**(Anees Fathima)**

## Faculty Profile

1. **Name** : **Prof. Rashmi Rani Samantaray**
2. **Highest Qualifications** : **M.Tech in Electronics**
3. **Academic Performance** :



| Qualifications     | Board / IIT / University   | Institute and place where studied     |
|--------------------|--|---------------------------------------|
| <b>B.E (ECE)</b>   | Biju Patnaik University of Technical Education, Rourkela, Odisha | SMIT, Berhampur, Odisha               |
| <b>M.Tech(ECE)</b> | VTU, Belgaum   | BMS College Of Engineering, Bangalore |
| <b>Ph.D(ECE)</b>   | Pursuing   | BMS College Of Engineering, Bangalore |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To        | Institution / Industry                               |
|---------------------|------------|-----------|--|
| Assistant Professor | 26/07/2018 | Till Date | <b>HKBK College Of Engineering, Bangalore, INDIA</b> |
| Assistant Professor | 01/08/2011 | 08/08/17  | <b>SCT Institute Of Technology, Bangalore</b>        |
| Project Trainee     | 11/07/10   | 10/07/11  | LRDE, Bangalore                                      |

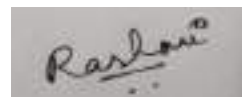
### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> | --  |
| <b>2020-21</b> | --  |
| <b>2019-20</b> | --  |

|                |   |
|----------------|---|
| <b>2018-19</b> | Calibration and Volumetric Measurement of Fuel Gauge for Aviation and Watercraft ,<br>JETIR June 2019, 1Harsha K, 2 Kehkesshan Jalall S, 3Rashmi Rani S, 4Khamer Fathima<br>1 Asst.Professor, 2Asst.Professor, 3Asst.Professor, 4Asst.Professor 1 Department of<br>Electronics Communication Engg. 1 HKBK College of Engineering, Bangalore, India. |
| <b>2017-18</b> | --  |

### 9. Courses Taught:

| S.No | Course Name                         |
|------|-------------------------------------|
| 1.   | WCC                                 |
| 2.   | Computer Networks                   |
| 3.   | Fiber Optics & Network              |
| 4.   | Principles Of Communication Systems |
| 5.   | Basic Electronics                   |
| 6.   | Radar Engineering                   |
| 7.   | Automotive Electronics              |
| 8.   | Nano Electronics                    |
| 9.   | Analog Communications               |
| 10.  | GSM                                 |
| 11.  | Optical Fiber Communication         |
| 12.  | Digital Communications              |
| 13.  | Low Power VLSI Design               |
| 14.  | Basic VLSI Design                   |
| 15.  | Linear Integrated Circuits          |
| 16.  | Multimedia Communication            |
| 17.  | Digital Signal Processing           |
| 18.  | Signals and Systems                 |
| 19.  | Control Systems                     |
| 20.  | Wireless Communications             |
| 21.  | Electronics Instrumentation,        |
| 22.  | Field Theory,                       |



**Rashmi Rani Samantaray.**

## Faculty Profile



1. **Name** : **Prof. Suhas A. R.**
2. **Highest Qualifications** : **M.Tech- DEC**  
Electronics &  
Communication Engg.
3. **Academic Performance** :

| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ECE)</b>   | VTU                      | SIET, Tumkuru                     |
| <b>M.Tech(ECE)</b> | VTU                      | MVJCE, Bengaluru                  |
| <b>Ph.D(ECE)</b>   | VTU                      | Perusing                          |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry      |
|---------------------|------------|------------|-----------------------------|
| Assistant Professor | 04/07/2011 | 23/06/2020 | R R Institute of Technology |
| Assistant Professor | 27/07/2020 | Till date  | HKBK College of Engineering |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | Suhas, A. R. (2021). Design and implementation of chicken egg incubator for hatching using IOT. <i>International Journal of Computational Science and Engineering</i> , 24(4), 363. <a href="https://doi.org/10.1504/ijcse.2021.117018">https://doi.org/10.1504/ijcse.2021.117018</a> .   |
| <b>2020-21</b> | AR, Suhas (2021), "Heal nodes specification improvement using modified CHEF method for group based detection point network", <i>International Journal of Pervasive Computing and Communications</i> , Vol. 17 No. 5, pp. 509-532. <a href="https://doi.org/10.1108/IJPCC-10-2020-0170">https://doi.org/10.1108/IJPCC-10-2020-0170</a> . |
| <b>2019-20</b> | Suhas A. R, "Lifetime and Energy Efficiency Improvement Techniques for Hierarchical Networks", <i>International Journal of Engineering and Advanced Technology (IJEAT)</i> , ISSN: 2249 – 8958, Volume-9 Issue-1S6, December 2019.  |
| <b>2018-19</b> | Suhas A. R, "Design and Implementation of Robotic Arm Using Proteus Design Tool And Arduino-Uno" published in <i>Indian J.Sci.Res.</i> 17(2): 126-131, 2018, ISSN: 2250-0138(Online).   |

|                |  |
|----------------|--|
|                | Suhas A. R, “Design and Implementation of Self-Balanced Robot Using Proteus Design Tool And Arduino-Uno”published inIndian J.Sci.Res. 17(2): 126-131, 2018, ISSN: 2250-0138(Online). |
| <b>2017-18</b> | Suhas A.R, “Cycle Time Reduction of Transmitting Measurement of URRF radio”, published in IJERECE Journal, volume 4 Issue 6, June 2017, pp-321-325.                                  |

### 9. Courses Taught:

| S.No | Course Name                   |
|------|-------------------------------|
| 1    | Operating Systems             |
| 2    | Satellite Communication       |
| 3    | Verilog HDL                   |
| 4    | Microwave and Antenna         |
| 5    | Digital Switching System      |
| 6    | Information Theory and Coding |

**Digital Sign**  
**(Prof. Suhas A. R.)**

## Faculty Profile

1. **Name** : Prof. Akshatha Bhat
2. **Highest Qualifications** : M.Tech
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied                     |
|----------------|--------------------------|---|
| B.E (E&E)      | VTU                      | Canara Engineering College, Benjanapadavu, Mangalore. |
| M.Tech(E&E)    | VTU                      | St. Joseph College of Engineering, Mangalore.         |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest): 6 years**

| Designation         | From                        | To                         | Institution  |
|---------------------|-----------------------------|----------------------------|--|
| Assistant Professor | July 24 <sup>th</sup> 2014  | 31 <sup>st</sup> July 2019 | Canara Engineering College, Benjanapadavu, Mangalore |
| Assistant Professor | April 26 <sup>th</sup> 2021 | Till date                  | HKBK College of Engineering, Bengaluru               |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| Sl.No | Course Name       |
|-------|-------------------|
| 1.    | Analog Circuits   |
| 2.    | Basic Electronics |



|    |   |
|----|---|
| 3. | Digital Signal Processing                     |
| 4. | Basic Electronics & Communication Engineering |
| 5. | Basic Electrical Engineering                  |
| 6. | Analog Electronics Circuits                   |
| 7. | Switchgear & Protection                       |



**(Prof. Akshatha Bhat**

## Faculty Profile

1. **Name** : **SHIREEN FATHIMA**

2. **Highest Qualifications** : **M.Tech. in Electronics,**

3. **Academic Performance** :



| Qualifications      | Board / IIT / University | Institute and place where studied      |
|---------------------|--------------------------|--|
| <b>B.E (ECE)</b>    | VTU                      | S.L.N College of Engineering, Raichur  |
| <b>M.Tech (ECE)</b> | VTU                      | HKBK College of Engineering, Bengaluru |
| <b>Ph.D (ECE)</b>   | VTU(Pursuing)            | HKBK College of Engineering, Bengaluru |

4. **Gender** : **Female**

5. **Present Status** : **Assistant Professor**

6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                 |
|---------------------|------------|------------|--|
| Assistant professor | 26-04-2021 | Till date  | HKBK College of Engineering, Bengaluru |
| Assistant professor | 21-07-2015 | 30-05-2020 | HKBK College of Engineering, Bengaluru |

8. **Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | -  |
| <b>2020-21</b> | Formulation of the Challenges in Brain-Computer Interfaces as Optimization Problems—A Review                   |
| <b>2019-20</b> | Enhanced Differential Evolution Based EEG channel Selection  |
| <b>2018-19</b> | Artificial Neural Network & IoT based Scheme in Internet of Robotics Things                                    |
| <b>2017-18</b> | 1. E-Mat Security System for Jewellery Shop<br>2. Gesture Controlled Touchless Response using Image Processing |

9. **Courses Taught:**

| S.No     | Course Name                    |
|----------|--------------------------------|
| <b>1</b> | Advanced Computer Architecture |
| <b>2</b> | Signals & Systems              |
| <b>3</b> | Digital Signal Processing      |

|   |                              |
|---|------------------------------|
| 4 | Engineering Electromagnetism |
| 5 | Digital Image Processing     |
| 6 | Linear Integrated Circuits   |
| 7 | Fiber Optics Network         |



**(Shireen Fathima)**

## Faculty Profile

1. Name : KH Yogananda Raj Urs
2. Highest Qualifications : M.Tech  
VLSI & Embedded  
Systems Design
3. Academic Performance : Assistant Professor



| Qualifications                         | Board / IIT / University | Institute and place where studied   |
|--|--------------------------|---|
| B.E (ECE)                              | VTU                      | Dayananda Sagar College of Engineering. Place: Shavige Malleshwara Hills Kumaraswamy Layout Bengaluru |
| M.Tech(VLSI & Embedded Systems Design) | VTU                      | JSS Academy of Technical Education. Place: Uttarahalli Main Road Bengaluru                            |
| Ph.D                                   | -                        | -   |

4. Gender : Male
5. Present Status : Assistant Professor
6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA
7. Experience (Starting from the latest to the earliest) 2 years 6 months

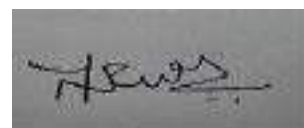
| Designation         | From        | To          | Institution / Industry |
|---------------------|-------------|-------------|------------------------|
| Assistant Professor | 25 Sep 2019 | 25 Sep 2020 | HKBKCE                 |
| Assistant Professor | 25 Sep 2020 | 25 Sep 2021 | HKBKCE                 |
| Assistant Professor | 25 Sep 2021 | 30 Mar 2022 | HKBKCE                 |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 | -   |
| 2020-21 | -   |
| 2019-20 | -   |
| 2018-19 | -   |
| 2017-18 | -   |

### 9. Courses Taught:

| S.No | Course Name   |
|------|---|
| 1    | VLSI DESIGN LABORATORY (17ECL77)                        |
| 2    | ARM EMBEDDED SYSTEMS & MICROCONTROLLER (17EC62)         |
| 3    | DIGITAL SYSTEMS DESIGN USING VERILOG (17EC662)          |
| 4    | ELECTRONIC DEVICES (18EC33)                             |
| 5    | MICROCONTROLLER (18EC46)                                |
| 6    | DATA STRUCTURES USING C++(18EC643)                      |
| 7    | OPERATING SYSTEMS (18EC553)                             |
| 8    | NEURAL NETWORKS (18EC752)                               |
| 9    | BASIC ELECTRONICS & COMMUNICATION ENGINEERING (21ELN14) |



**Digital Sign  
(K.H. Yogananda)**

## Faculty Profile

1. Name : S S Sivasankari

2. Highest Qualifications : M.Tech

3. Academic Performance :



| Qualifications      | Board / IIT / University | Institute and place where studied                       |
|---------------------|--------------------------|---|
| B.E (ECE)           | Anna University          | Prince shree venkateshwara engineering college, chennai |
| M.Tech(VLSI Design) | Sathayabama University   | Sathayabama University, chennai                         |
| Ph.D                | Nil                      | Nil   |

4. Gender : Female

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

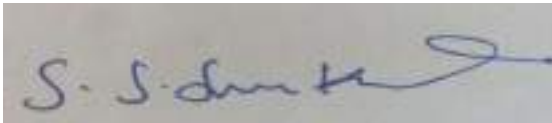
| Designation         | From       | To         | Institution / Industry                                       |
|---------------------|------------|------------|--|
| Assistant professor | 28/8/2019  | 16/10/2021 | Koshys institute of management studies                       |
| Assistant professor | 02/7/2018  | 30/7/2019  | SSR College of Science and Management                        |
| Assistant professor | 4/06/2012  | 10/05/2013 | New Prince Shri Bhavani College of Engg. And Tech., Chennai. |
| Assistant professor | 26/03/2010 | 04/02/2011 | New Prince Shri Bhavani College of Engg. And Tech., Chennai. |
| Software Trainee    | 01/10/2007 | 30/06/2008 | Micro sense private Ltd., Chennai                            |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 | Nil   |
| 2020-21 | Nil   |
| 2019-20 | Nil   |
| 2018-19 | Nil   |
| 2017-18 | Nil   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name                        |
|------|------------------------------------|
| 1    | Basic Electronics                  |
| 2    | Microprocessor and microcontroller |
| 3    | Principles of communication        |
| 4    | Digital Electronics                |
| 5    | Data communication networks        |
| 6    | Circuits and electron devices      |

A handwritten signature in blue ink, appearing to read 'S. S. Sivasankari', is shown on a light-colored background.

( S S Sivasankari)



## Faculty Profile

1. **Name** : **Mrs. V Vijayalakshmi**
2. **Highest Qualifications** : **Ph.D.-pursuing**  
B.E., M.E(C&I)
3. **Academic Performance** : **Anna University Rank holder in M.E**



| Qualifications          | Board / IIT / University | Institute and place where studied           |
|-------------------------|--------------------------|---|
| <b>B.E (EIE)</b>        | Anna University          | National Engineering College, Kovilpatti    |
| <b>M.Tech (C&amp;I)</b> | Anna University          | SRM Valliammai engineering college, Chennai |
| <b>Ph.D(ECE)</b>        | VTU                      | RV Engineering college, Bangalore           |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

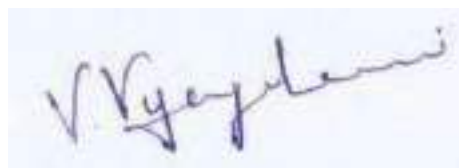
| Designation         | From       | To         | Institution / Industry                  |
|---------------------|------------|------------|---|
| Research Assistant  | 01-01-2018 | 30-05-2018 | RV College of Engineering               |
| Assistant Professor | 23-12-2013 | 29-12-2015 | SRM Engineering College                 |
| Assistant Professor | 01-07-2013 | 11-12-2013 | Anand Institute of Engineering, Chennai |
| Lecturer            | 14-06-2010 | 22-04-2011 | M.Kumarasamy college of Engineering     |

**8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)**

| <b>Year</b>    | <b>Name, title of the paper, Conference /Journal, venue and date / Details</b>  |
|----------------|---|
| <b>2021-22</b> | <ul style="list-style-type: none"> <li>V Vijayalakshmi, Dr.K.S.Geetha, Dr.Shanmukha Nagaraj -“Experimental Design and Analysis of Triboelectric Nanogenerator for energy harvesting Applications” <b>published in IEEE conference proceedings DOI: 978-1-7281-8583-5/21 © 2021 IEEE (Scopus indexed)</b></li> </ul>   |
| <b>2020-21</b> | <ul style="list-style-type: none"> <li>V Vijayalakshmi participated and presented a poster under the title “<b>Modeling and Performance Analysis of Piezoelectric Nanogenerator</b>” <b>in the Indo-UK International Virtual Conference on Advanced Nanomaterials for Energy and Environmental Applications (ICANEE-2020) - 16<sup>th</sup> to 18<sup>th</sup> September 2020.</b></li> <li>V Vijayalakshmi presented a poster session in <b>Photovoltaics and Energy Harvesting at the 5<sup>th</sup> International Conference on Emerging Electronics hosted by the Indian Institute of Technology, Delhi from 26<sup>th</sup> to 28<sup>th</sup> November 2020.</b></li> </ul>   |
| <b>2019-20</b> | <ul style="list-style-type: none"> <li>Attended INUP Hands on Training Workshop on Nanofabrication Technologies in IISC Bangalore from 12-02-2019 to 22-02-2019.</li> <li>Participated and Presented a poster at the <b>2<sup>nd</sup> International Conference on Nanoscience and Nanotechnology (ICNAN’19) organized by the Center for Nanotechnology Research (CNR), Vellore Institute of Technology, Vellore during 29<sup>th</sup> November – 1<sup>st</sup> December 2019.</b></li> <li>Participated and presented a poster at the Biennial conference “Nano India 2019” held <b>at Mahatma Gandhi University Kottayam, Kerala on 26<sup>th</sup> &amp; 27<sup>th</sup> April 2019 supported by the Department of Science and Technology, Government of India.</b></li> </ul> |
| <b>2018-19</b> | Nil   |
| <b>2017-18</b> | Nil   |

### 9. Courses Taught:

| S.No | Course Name                     |
|------|---------------------------------|
| 1    | Electronic devices and circuits |
| 2.   | Power Plant Instrumentation     |
| 3.   | Biomedical Instrumentation      |
| 4.   | Embedded Systems                |
| 5.   | Scientific Foundation of Health |



**Digital Sign**  
**(V VIJAYALAKSHMI)**

## Faculty Profile

1. **Name** : Mrs.NOOR AYESHA
2. **Highest Qualifications** : M.Tech  
VLSI & Embedded system
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ECE)      | VTU                      | SJCIT,Chickballapur               |
| M.Tech(ECE)    | VTU                      | CBIT,Kolar                        |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation | From | To | Institution / Industry |
|-------------|------|----|------------------------|
| NIL         |      |    |                        |
|             |      |    |                        |
|             |      |    |                        |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | -   |
| 2020-21 | -   |
| 2019-20 | VGST project on “Turbo Encoder and decoder based channel encoder for underwater communication”                                |
| 2018-19 | -Internship on Static timing analysis and implementation of timing optimization techniques in ASIC design at nanometer scale. |
| 2017-18 | -   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
|------|-------------|

|    |                              |
|----|------------------------------|
| 01 | Basic electrical engineering |
|----|------------------------------|

A handwritten signature in blue ink, appearing to read 'Noor Ayesha', with a stylized flourish at the end.

**Digital Sign  
(Noor Ayesha)**

## Faculty Profile

1. **Name** : **Dr. Salim Sharieff**
2. **Highest Qualifications** : **Ph.D.**  
Mechanical Engineering
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ME)</b>    | VTU                      | HKBKCE, Bangalore                 |
| <b>M.Tech(PDM)</b> | BU                       | UVCE, Bangalore                   |
| <b>Ph.D(ME)</b>    | BU                       | UVCE, Bangalore                   |

4. **Gender** : **Male**
5. **Present Status** : **Associate Professor and HOD**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| HOD                 | 01-02-2022 | Till date  | HKBKCE, Bangalore.     |
| Associate Professor | 1-11-21    | Till date  | HKBKCE, Bangalore.     |
| Assistant Professor | 05-08-2013 | 31-10-2021 | HKBKCE, Bangalore.     |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> | <ol style="list-style-type: none"> <li>1. Twin Screw Fabrication of Kevlar Fibre Reinforced Polymer Matrix Composites with Fillers.</li> <li>2. Investigations on the Change in State of Stress with respect to the Sliding Direction in Dry Sliding Wear of Hard Elastic Material with Different Geometry and Orientation on Ductile Flat Surface.</li> </ol>                      |
| <b>2019-20</b> | <ol style="list-style-type: none"> <li>1. Role of different coating materials and coating thickness on velocity and displacement discontinuities in a tribo-system.</li> <li>2. Role of Velocity Discontinuity Imparted by Copper and Nickel Coatings of Different Thickness.</li> <li>3. Sliding Response of Grade 5 Titanium Alloy at Different Speed and Load Levels.</li> </ol> |
| <b>2018-19</b> | <ol style="list-style-type: none"> <li>1. Abrasive Wear Trends of Non-Conforming Contact Surfaces.- ELSEVIER, Materialstoday proceeding.</li> </ol>   |

|                |  |
|----------------|--|
| <b>2017-18</b> | 1. Hybridizing Micro- B <sub>4</sub> C with carbon nano tubes to enhance the Mechanical Properties of Aluminium Matrix Composites. |
|----------------|--|

### 9. Courses Taught:

| S.No | Course Name                  |
|------|------------------------------|
| 1.   | Design of Machine Elements 1 |
| 2.   | Design of Machine Elements 2 |
| 3.   | Dynamics of Machines         |
| 4.   | Kinematics of Machines       |
| 5.   | Mechanical Vibration         |
| 6.   | Metal casting and welding    |
| 7.   | Engineering Economics        |
| 8.   | Material Testing lab         |
| 9.   | Design lab                   |
| 10.  | Energy Conversion lab        |



**Digital Sign**  
**(Dr. Salim Sharieff)**



## Faculty Profile

1. **Name** : **Prof. T M Tajuddin Yezdani**
2. **Highest Qualifications** : **B.E. M.E, (Ph.D)**
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied           |
|----------------|--------------------------|---|
| <b>B.E</b>     | Bangalore University     | Islamiah College of Engineering, Bangalore. |
| <b>M.Tech</b>  | Bangalore University     | UVCE, Bangalore                             |
| <b>Ph.D</b>    | Bangalore University     | UVCE, Bangalore                             |

4. **Gender** : **Male**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From | To   | Institution / Industry         |
|---------------------|------|------|--------------------------------|
| Professor           | 2008 | 2022 | HKBK College of Engineering    |
| Assistant Professor | 1998 | 2008 | HKBK College of Engineering    |
| Lecturer            | 1986 | 1998 | Ghousia College of Engineering |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2020-21</b> | DESIGN AND FABRICATION OF AFFORDABLE WEARABLE CHAIR, National E-Conference On "INNOVATIVE PROCESSING METHODS FOR SYNTHESIZING ADVANCED STRUCTURAL AND FUNCTIONAL MATERIALS" 8 Th – 10th OCTOBER, 2020.<br>ISBN: 978-93-89840-90-2 |
| <b>2018-19</b> | Impact of RCS- Cross Root Process and die design in commercial Brass Alloy Sheets, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December 2019.                       |
| <b>2012-13</b> | Charting of Strategy for the Application of Al MMCs for Different Engg. Service Requirements, <b>IJME 2013</b>  |
| <b>2012-13</b> | Hybrid Polymer Matrix Composites for Biomedical Applications, <b>IJMER Vol. 3, PP 979, March 12, 2013,</b>  |

|                |   |
|----------------|---|
| <b>2011-12</b> | Charting of a Strategy for the Application of Aluminium Metal Matrix Composites for Different Engineering Service Requirements, <b>Int. J. of Modern Engg. Research (IJMER)</b> , Vol.2, Issue.3, pp-1408-1413, May-June 2012.  |
| <b>2011-12</b> | Road Map for the Selection of Characteristic Parameters of Polymer Matrix Composites for Engineering Applications, <b>Int. J. of Emerging Tech. &amp; Adv. Engg. (IJAETE)</b> , Vol.2, Issue 7, pp.63-70, July- 2012.   |
| <b>2011-12</b> | Optimizing the Die Design Parameters for FRP Components Produced in Injection Molding using Mold Flow Analysis, <b>Int. J. Engg. Research and Applications (IJERA)</b> , Vol.2, Issue 4, pp.2103-2111, July- Aug 2012,  |
| <b>2012-13</b> | Optimizing the Die Design Parameters for FRP Components Produced in Injection Molding using Mold Flow Analysis. Presented at 3 <sup>rd</sup> International Conference on Recent advances in Material Processing Technology ( <b>RAMPT-13</b> )  |
| <b>2012-13</b> | Charting of Strategy for the Application of Al MMCs for Different Engg. Service Requirements. Presented at 3 <sup>rd</sup> International Conference on Recent advances in Material Processing Technology ( <b>RAMPT-13</b> )  |
| <b>2012-13</b> | Development of Hybrid Polymer Matrix Composites for Biomedical Applications. Presented at International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences, National Engineering College, Kovilpatty, Tamil Nadu during 7 <sup>th</sup> -9 <sup>th</sup> January 2013. <b>AMMT 2013, Jan 2013</b>   |
| <b>2012-13</b> | Functional Assessment of Hybrid Polymer Composites for Industrial Applications Presented at International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences. National Engineering College, Kovilpatty, Tamil Nadu during 7 <sup>th</sup> -9 <sup>th</sup> January 2013. <b>AMMT 2013, Jan 2013</b> |

### 9. Courses Taught:

| <b>S.No</b> | <b>Course Name</b>                    |
|-------------|---------------------------------------|
| 01          | Elements of Mechanical Engineering    |
| 02          | Engineering Drawing                   |
| 03          | Engineering Graphics                  |
| 04          | Engineering Visualization             |
| 05          | Mechanical Measurements and Metrology |
| 06          | Strength of Materials                 |
| 07          | Dynamics of Machines                  |
| 08          | Design of Machine Elements-1          |
| 09          | Design of Machine Elements-2          |



**Digital Sign  
(T M Tajuddin)**

## Faculty Profile

1. Name : Dr. Mohamed zakaula

2. Highest Qualifications : Ph.D.

3. Academic Performance



| Qualifications                | Board / IIT / University              | Institute and place where studied |
|-------------------------------|---------------------------------------|-----------------------------------|
| B.E (Mech)                    | Bangalore university                  | MVJ college of engineering        |
| M.Tech(Production Management) | Visvesvaraya technological university | Gogte Institute of technology     |
| Ph.D(Mech)                    | Visvesvaraya technological university | Ghousia college of engineering    |

4. Gender : Male

5. Present Status : Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From      | To        | Institution / Industry |
|---------------------|-----------|-----------|------------------------|
| Professor           | 1/10/21   | Till date | HKBKCE                 |
| Associate professor | 2/7/2019  | 30/9/21   | HKBKCE                 |
| Assistant professor | 1/10/2017 | 30/6/2019 | Wollo university       |
| Associate professor | 1/6/2015  | 30/9/2017 | HKBKCE                 |
| Assistant professor | 22/3/2007 | 30/5/2015 | HKBKCE                 |
| Lecturer            | 1/3/2005  | 21/3/2007 | HMSIT                  |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | Mohamed zakaula, Prediction of mechanical properties for polyetheretherketone composite reinforced with graphene and titanium powder using artificial neural Network, Materials Today: Proceedings 49 (2022) 1268–1274.                            |
| 2020-21 | Mohamed zakaula, Artificial neural network based prediction on tribological properties of polycarbonate composites reinforced with graphene and boron carbide particle, Elsevier Journal - Materials Today Proceeding, Vol. 26, (2020), pp.296-304 |
| 2019-20 | Nil  |

|                |   |
|----------------|---|
| <b>2018-19</b> | Mohamed zakaulla, Experimental Investigation and prediction of Tribological properties of Titanium carbide and Multiwalled carbon nanotubes reinforced Aluminium composites using Artificial Neural Network, <b>European Journal of Engineering Research and Science</b> , Vo 3, No. 8, (2018), pp 40- 43.  |
| <b>2017-18</b> | <p>Mohamed zakaulla, Hybridizing Micro - B<sub>4</sub>C With Carbon nanotubes to Enhance The Mechanical Properties of Aluminium Matrix Composites“, <b>Materials Science and Engineering</b>, Vol 225, (2017), pp – 1-7.</p> <p>Mohamed zakaulla, Tribological Characteristics of Multiwalled Carbon Nanotubes And Boron Carbide Particles Reinforced Al<sub>2024</sub> Matrix Composites “, <b>Elsevier Journal - Materials Today Proceeding</b>, Issue.5, (2017), PP- 5762-5767.</p> <p>Mohamed zakaulla, Processing &amp; Characterization of Multiwalled carbon nanotubes and titanium carbide reinforced Al<sub>7475</sub> composites for Aerospace Applications, <b>International Conference on composite material and structures</b>, held on 27<sup>th</sup> -29<sup>th</sup> Dec 2017, <b>Indian Institute of Technology, Hyderabad, India</b>.</p> <p>Mohamed zakaulla, Evaluating the result of solutionizing and ageing on mechanical properties of AL<sub>2024</sub>/B<sub>4</sub>C/MWCNT's composite synthesized by vortex method. <b>International Conference on composite material and structures</b> held on 27<sup>th</sup> - 29<sup>th</sup> Dec 2017, <b>Indian Institute of Technology, Hyderabad, India</b>.</p> <p>Mohamed zakaulla, , Impact and tensile characterization of polycarbonate/Graphene/Boron carbide hybrid polymer composite. <b>International Conference on composite material and structures</b> held on 27<sup>th</sup> - 29<sup>th</sup> Dec 2017, <b>Indian Institute of Technology, Hyderabad, India</b>.</p> |

### 9. Courses Taught:

| S.No     | Course Name               |
|----------|---------------------------|
| <b>1</b> | <b>Smart material</b>     |
| <b>2</b> | <b>Operation research</b> |
| 3        | Additive manufacturing    |
| 4        | Material science          |
| <b>5</b> | Mechanics of material     |
| 6        | Finite element analysis   |
| 7        | Turbomachines             |
| 8        | Fluid mechanics           |

|    |                                   |
|----|-----------------------------------|
| 9  | Kinematics of machines            |
| 10 | Computer integrated manufacturing |

A handwritten signature in blue ink, appearing to read 'Zakou', with a horizontal line underneath.

**Digital Sign**  
**(Dr.Mohamed zakoulla)**

## Faculty Profile

1. **Name** : **Prof. Abdul Mujeeb N**
2. **Highest Qualifications** : **M.B.A**  
M.Tech in Product Design & Manufacturing



| Qualifications         | Board / IIT / University              | Institute and place where studied     |
|------------------------|---------------------------------------|---------------------------------------|
| <b>B.E (ME)</b>        | Bangalore University                  | BMS College of Engineering, Bangalore |
| <b>MBA (Marketing)</b> | Bangalore University                  | Central College, Bangalore            |
| <b>M.Tech (Mech)</b>   | Visvesvaraya Technological University | BMS College of Engineering, Bengaluru |
| <b>Ph.D(Mech)</b>      | <b>Pursuing from VTU</b>              | BMS College of Engineering, Bengaluru |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                  | From        | To         | Institution / Industry                     |
|------------------------------|-------------|------------|--|
| Assistant Professor          | August 2013 | Till date  | HKBK College of Engineering, B'luru        |
| Senior Lecturer              | June 2009   | July 2013  | HKBK College of Engineering, B'luru        |
| Project Engineer - HVAC      | Aug 2004    | March 2009 | M/S ETA, Jeddah, Saudi Arabia              |
| Senior Applications Engineer | Nov 1998    | July 2004  | M/S UCAM Pvt. Ltd., B'luru                 |
| Marketing Engineer           | July 1995   | Oct 1998   | M/S Lotus Energy Systems Pvt Ltd., B'luru, |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2020-21</b> | Abdul Mujeeb N / Automated Lower Limb Rehabilitative Exoskeleton /National Conference on Innovative Processing Methods For Synthesizing Advanced Structural and Functional Materials /NEC-IPSASFM / 8 <sup>th</sup> to 10 <sup>th</sup> October, 2020                   |
| <b>2020-21</b> | Abdul Mujeeb N / Twinned Screw Fabrication of Kevlar Fibre Reinforced PMC with Fillers /National Conference on Innovative Processing Methods For Synthesizing Advanced Structural and Functional Materials /NEC-IPSASFM / 8 <sup>th</sup> to 10 <sup>th</sup> Oct, 2020 |
| <b>2020-21</b> | Abdul Mujeeb N / Design and Fabrication of Air Caster /National Conference on Innovative Processing Methods For Synthesizing Advanced Structural and Functional Materials /NEC-IPSASFM / 8 <sup>th</sup> to 10 <sup>th</sup> Oct, 2020                                  |
| <b>2017-18</b> | Abdul Mujeeb N. / Analysis and FEA Validation of Front part of Aircraft Fuselage using CFRP / All India Seminar on Engineering Insight into Design and Testing of Aircraft Engine Components / Acharya Institute of Technology  |

|                |  |
|----------------|--|
| <b>2017-18</b> | Abdul Mujeeb N / Impact of Precision Mechanized Harvesting on Therapeutic Quality and Throughput Propagation of Medicinal and Aromatic Plants / International Journal of Emerging Technology and Advanced Engineering ---- UGC Approved ISO 9001:2008 Certified Journal /Vol 7 / Issue 12/02 dtd. Dec 20, 2017 |
| <b>2017-18</b> | Prof. Abdul Mujeeb N / Structural Analysis and FEA Validation of Truss Type Fuselage of Rear part of Aircraft wing CFRP / National Conference on Emerging Trends in Engineering Technology and Applied Research ( NCETAR – 2018) / 22 <sup>nd</sup> May , 2018   |

### 9. Courses Taught:

| S.No | Course Name  |
|------|--|
| 1.   | Operations Research (10ME74) / 15ME81/ 17ME81 / 18ME81     |
| 2.   | Industrial Management                                      |
| 3    | Management & Entrepreneurship (10AL51)                     |
| 4    | Management & Engineering Economics (15ME51)                |
| 5    | Total Quality Management (18ME734)                         |
| 6    | Management & Economics(18ME51)                             |
| 7    | Project Management   |
| 8    | Material Science & Metallurgy (10ME32/15ME32)              |
| 9    | Operations Management (18M56)                              |
| 10   | Computer Integrated Manufacturing (10ME61 /15ME62 /17ME62) |
| 11   | Hydraulics & Pneumatics (10ME73)                           |
| 12   | Fluid Power Engineering (15ME73)                           |
| 13   | Finite Elements Methods (15ME64)                           |
| 14.  | Supply Chain Management (18ME653)                          |
| 15.  | Workshop Lab   |
| 16.  | Fitting and Machine Shop Lab                               |
| 17.  | Forging and Foundry Lab                                    |
| 18.  | Materials Testing Lab                                      |
| 19.  | Mechanical Measurements & Metrology Lab                    |
| 20.  | Computer Integrated Manufacturing Lab                      |

Prof. ABDUL MUJEEB N.



## Faculty Profile

1. Name : NEHAL AHMAD

2. Highest Qualifications : ME  
CAD (Mech)

3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (CSE)      | IEI                      | GIE                               |
| M.Tech(CSE)    | Anna University ,Chennai | A C College of Engg.              |
| Ph.D(CSE)      | -                        | -                                 |

4. Gender : Male

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA

7. Experience (Starting from the latest to the earliest)

| Designation    | From       | To         | Institution / Industry       |
|----------------|------------|------------|------------------------------|
| Asst.Professor | 27-06-2016 | Till Date  | HKBK college of Engineering  |
| Asst.Professor | 27-05-2013 | 27-05-2016 | AMS College, Chennai         |
| Asst.Professor | 11-11-2011 | 15-05-2013 | Veltech Engineering College. |
| Asst.Professor | 02-06-2009 | 31-03-2011 | SVCET ,Chennai               |
| Engineer       | 2-2-2007   | 15-08-2007 | At Acons Ltd, Chennai        |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 |   |
| 2020-21 | Innovative Design & Fabrication of Versatile Treadmill<br>ISBN: 978-93-89840-90-2   |
| 2019-20 | Mechanical behavior of ARC welding using different flux material( IJITEE)<br>ISSN:2278-3075 ,VOL -9 ISSUE-2 Dec2019 ,page No.4344-4349            |
| 2018-19 | Paper presented in National Conference at MS Engineering college<br>Bangalore on topic structural analysis and FEA validation of fuselage of Rear |

|                |  |
|----------------|--|
|                | Part of Aircraft using CFRP.   |
| <b>2017-18</b> | Experimental Analysis of E250 Quality Br Under diverse Quenching Media<br>ISSN:2248-9622,PP 52-58 (IJERA). |
|                |  |

### 9. Courses Taught:

| S.No      | Course Name                                      |
|-----------|--|
| <b>01</b> | Mechanical vibration , Non traditional machining |
| <b>02</b> | Operation management ,CADM                       |
| 03        | Project management ,Automobile engineering       |
| 04        | Additive manufacturing ,                         |
| <b>05</b> | Smart material                                   |
| 06        | Industrial safety                                |



**Digital Sign  
(NEHAL AHMAD)**

## Faculty Profile

1. **Name** : **Prof. Pavan kumar D**
2. **Highest Qualifications** : **B.E. M.Tech, (Ph.D)**
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied     |
|----------------|--------------------------|---------------------------------------|
| <b>B.E</b>     | VTU                      | Malnad College of Engineering, Hassan |
| <b>M.Tech</b>  | VTU                      | NIE, Mysuru                           |
| <b>Ph.D</b>    | BU                       | UVCE, Bangalore                       |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From | To   | Institution / Industry                   |
|---------------------|------|------|--|
| Assistant Professor | 2013 | 2015 | Rajiv Gandhi Institute of Technology     |
| Assistant Professor | 2015 | 2016 | HKBK College of Engineering              |
| Post Doc            | 2016 | 2017 | Sunchon National University, South Korea |
| Assistant Professor | 2018 | 2022 | HKBK College of Engineering              |
|                     |      |      |  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Mechanical characterization of Kevlar fiber reinforced polymer matrix composites with and without filler by twin screw method  |
| <b>2020-21</b> | <b>Pavan kumar D</b> , Abdul Mujeeb N, Dinesh H A, Salim Sharieff, Nadeem Pasha , Maniralam (2020), "Twin screw fabrication of Kevlar Fiber Reinforced Polymer Matrix composites with Fillers" Presented at "National Conference on Innovative Processing for synthesizing Advanced structural and Functional of Materials" (NEC-IPSASF2020), held at HKBK College of Engineering Bengaluru, India |

|         |   |
|---------|---|
| 2019-20 | <p>C Ashish Jebin, Nithin Franklin S.V, Balaji H.S, Mohammed Haris, Abdul Mujeeb N, and <b>Pavan Kumar D.</b>, (2019), “Design And Development Of Lower Limb Automated Exoskeleton”, Presented at ‘INTERNATIONAL CONFERENCE on Innovation in Engineering Science Technology and Management (ICIESTM-19)’, May 3-4, held at HKBK College of Engineering Bengaluru, India.</p> <p>Nehal Ahmad, Mahaboob Tabriz Basha, Saleem Ahmed.B , <b>Pavan Kumar D</b> (2019), “Design and Fabrication of Multi- Functional Treadmill, Presented at ‘INTERNATIONAL CONFERENCE on Innovation in Engineering Science Technology and Management (ICIESTM-19)’, May 3-4, held at HKBK College of Engineering Bengaluru, India.</p> <p><b>Pavan Kumar D</b>, Mahaboob Tabriz Basha, Abdul Mujeeb, Nehal Ahmad, Livin Varghese , Adarsh (2019), “Design And Fabrication Of Air Caster” Presented at ‘INTERNATIONAL CONFERENCE on Innovation in Engineering Science Technology and Management (ICIESTM-19)’, May 3-4, held at HKBK College of Engineering Bengaluru, India.</p> |
| 2018-19 | <p>GO KART on “National Electric KART championship-2019 Season II” held at Rajiv Gandhi proudyogiki vishwavidyalaya, organized by Credible future India pvt ltd. Bhopal from March 26-29 th ,2019.</p>  |

### 9. Courses Taught:

| S.No | Course Name                     |
|------|---------------------------------|
| 01   | Material science                |
| 02   | Product Life Cycle Management   |
| 03   | Kinematics of Machines          |
| 04   | ENGINEERING GRAPHICS            |
| 05   | Management and Entrepreneurship |
| 06   | EME                             |



**Digital Sign  
(Pavan kumar D)**

## Faculty Profile

1. **Name** : **Dr. Nadeem Pasha K**
2. **Highest Qualifications** : **Ph.D.**  
Mechanical Engineering
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied     |
|--------------------|--------------------------|---------------------------------------|
| <b>B.E (ME)</b>    | VTU                      | Malnad College of Engineering, Hassan |
| <b>M.Tech(PDM)</b> | VTU                      | EPCET, Bangalore.                     |
| <b>Ph.D(ME)</b>    | BU                       | UVCE, Bangalore                       |

4. **Gender** : **Male**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

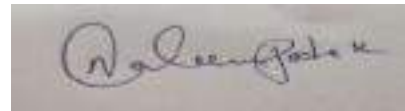
| Designation         | From       | To         | Institution / Industry |
|---------------------|------------|------------|------------------------|
| Associate Professor | 1-11-21    | Till date  | HKBKCE, Bangalore.     |
| Assistant Professor | 05-08-2013 | 31-10-2021 | HKBKCE, Bangalore.     |
|                     |            |            |                        |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> | 1. Twin Screw Fabrication of Kevlar Fibre Reinforced Polymer Matrix Composites with Fillers   |
| <b>2019-20</b> | 1. Wear Behaviour of Titanium Alloys When Subjected to Different Speed and Load Level.<br>2. Sliding Response of Grade 5 Titanium Alloy at Different Speed and Load Levels.<br>3. Role of different coating materials and coating thickness on velocity and displacement discontinuities in a tribo-system. |
| <b>2018-19</b> | 1. Tribological Characteristics of Multi walled Nanotubes & Boron Carbide Particles Reinforced Al2004   |
| <b>2017-18</b> | 1. Hybridizing Micro- B <sub>4</sub> C with carbon nano tubes to enhance the Mechanical Properties of Aluminium Matrix Composites.  |
|                |   |

### 9. Courses Taught:

| S.No | Course Name                  |
|------|------------------------------|
| 1.   | Design of Machine Elements 1 |
| 2.   | Design of Machine Elements 2 |
| 3.   | Dynamics of Machines         |
| 4.   | Kinematics of Machines       |
| 5.   | Rapid Prototyping            |
| 6.   | Metal casting and welding    |
| 7.   | Additive Manufacturing       |
| 8.   | Material Testing lab         |
| 9.   | Design lab                   |
| 10.  | Energy Conversion lab        |



**(Dr. Nadeem Pasha K)**

## Faculty Profile

1. **Name** : **Prof. Younus Pasha**
2. **Highest Qualifications** : **Ph.D (submitted thesis), M-Tech**
3. **Academic Performance** : **Pass Percentage (95%+)**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ME)</b>    | VTU                      | GSSIT Bangalore                   |
| <b>M.Tech(PDM)</b> | VTU                      | JSSATE Bangalore                  |
| <b>Ph.D</b>        | VTU                      | JSSATE Bangalore                  |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                | From                       | To                         | Institution / Industry           |
|----------------------------|----------------------------|----------------------------|----------------------------------|
| <b>Assistant Professor</b> | 1 <sup>st</sup> June 2014  | 20 June 2015               | Ekalvya Institute of Technology  |
| <b>Assistant Professor</b> | 28 <sup>th</sup> June 2015 | 19 <sup>th</sup> July 2016 | Islamiah Institute of Technology |
| <b>Assistant Professor</b> | 20 <sup>th</sup> July 2016 | Till Present               | HKBK College of Engineering      |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

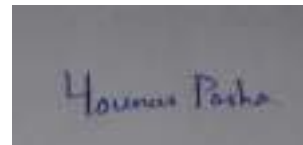
| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Prediction of mechanical properties for polyetheretherketone composite reinforced with graphene and titanium powder using artificial neural network, Materials Today: Proceedings<br><a href="https://doi.org/10.1016/j.matpr.2021.06.365">https://doi.org/10.1016/j.matpr.2021.06.365</a>   |
| <b>2020-21</b> | Investigation of performance parameters combustion and emission characteristics of compression ignition engine fueled with pongamia methyl ester-gasoline blend, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects<br><a href="https://doi.org/10.1080/15567036.2021.1929578">https://doi.org/10.1080/15567036.2021.1929578</a> |
|                | Experimental analysis of fuel properties and performance analysis of diesel engine with esterified castor oil blended with gasoline, Materials Today: Proceedings, 2020<br><a href="https://authors.elsevier.com/a/1cIXK7tbNaHcGY">https://authors.elsevier.com/a/1cIXK7tbNaHcGY</a>   |



|                |   |
|----------------|---|
|                | Experimental Fuel Characterization and Engine Behavior Study With Pangamic Seed Oil As Biofuel, National E- Conference On "Innovative Processing Methods For Synthesizing Advanced Structural And Functional Materials" 8 th – 10th OCTOBER, 2020.<br>ISBN: 978-93-89840-90-2 |
| <b>2018-19</b> | Experimental Analysis of Fuel Properties And Engine Behavior With Pongamia Seed Oil As Biofuel, Innovation in engineering science, Technolgy and management. 3 & 4 May 2019   |
| <b>2017-18</b> | Experimental Analysys of E250 Quality Br Under Diverse Quenching Media, International Journal is Engineering research and applications. ISSN: 2248-9622   |
| <b>2016-17</b> | Experimental Investigation of Emission Analysis of Diesel engine Fueled with Pongamia oil blends and Petroleum diesel, HKBK International Journal of Engineering Science and Technology Volume 1 Issue 2  |
|                | Experimental investigation of effect on surface finishing by Minimum Quantity Lubrication [MQL] with varying feed rate, HKBK International Journal of Engineering Science and Technology Volume 1 Issue 2   |

### 9. Courses Taught:

| S.No | Course Name  |
|------|--|
| 1    | EME  |
| 2    | Engineering Visualization  |
| 3    | Industrial Safety, Manufacturing Process 3                                       |
| 4    | DOM  |
| 5    | KOM  |
| 6    | PLCM   |
| 7    | Hydraulic and Pneumatics, Energy Engineering                                     |
| 8    | Turbomachines, Fluid Mechanics   |
| 9    | Design Lab, EGDL lab, Foundry and Forging lab, Fluid mechanics and machinery lab |



**Digital Sign  
(Younus Pasha)**

## Faculty Profile

1. **Name** : **Prof. Ramachandra Kulkarni**
2. **Highest Qualifications** : **M-Tech (PhD)**
3. **Academic Performance** : **Pass Percentage (85%+)**



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ME)</b>    | VTU                      | PDACE Kalburgi                    |
| <b>M.Tech(TPE)</b> | VTU                      | NMIT Bangalore                    |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                | From                      | To                        | Institution / Industry                   |
|----------------------------|---------------------------|---------------------------|--|
| <b>Assistant Professor</b> | 1 <sup>st</sup> June 2015 | 30 <sup>th</sup> Dec 2018 | T John Institute of Technology Bangalore |
| <b>Assistant Professor</b> | 21 <sup>th</sup> Jan 2018 | Till Present              | HKBK College of Engineering              |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | nil  |
| <b>2020-21</b> | Design and fabrication of mechanically operated seed sowing equipment  |
| <b>2019-20</b> | Nil  |
| <b>2018-19</b> | Effects of change of spokes in the operation of a rimmed flywheel IJRAME /VOL5 ISSUE 6<br>Preparation of ethanol and performance testing it with blending of rice bran oil IJISRT/Vol 2 issue7 |
| <b>2017-18</b> | Nil  |
|                |  |

### 9. Courses Taught:

| S.No     | Course Name            |
|----------|------------------------|
| <b>1</b> | Applied Thermodynamics |

|   |                         |
|---|-------------------------|
| 2 | Turbomachines           |
| 3 | Heat transfer           |
| 4 | Energy Engineering      |
| 5 | Fluid Mechanics         |
| 6 | E.C-Lab, FM lab, HT lab |



Digital Sign  
(**Ramachandra Kulkarni**)

## Faculty Profile

1. **Name** : Prof. Farooq
2. **Highest Qualifications** : M-Tech
3. **Academic Performance** : Pass Percentage (95%+)



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      | NCET Bangalore                    |
| M.Tech(MMD)    | VTU                      | SRSIT Bangalore                   |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation                | From                      | To           | Institution / Industry          |
|----------------------------|---------------------------|--------------|---------------------------------|
| <b>Lectures</b>            | Jan 2016                  | Aug 2016     | BGS Polytechnique               |
| <b>Assistant Professor</b> | Aug 2016                  | Feb 2017     | Adarsha Institute of Technology |
| <b>Assistant Professor</b> | Feb 2017                  | Jan 2019     | KNSIT Bangalore                 |
| <b>Assistant Professor</b> | 28 <sup>th</sup> Jan 2019 | Till Present | HKBK College of Engineering     |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> | Nil   |
| <b>2020-21</b> | Nil   |
| <b>2019-20</b> | Nil   |
| <b>2018-19</b> | Nil   |
| <b>2017-18</b> | Nil   |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name |
|----------|-------------|
| <b>1</b> | EME         |
| <b>2</b> | BTD         |

|           |                          |
|-----------|--------------------------|
| 3         | ATD                      |
| 4         | Energy & Environment     |
| 5         | T.M                      |
| 6         | HT                       |
| 7         | NTM                      |
| 8         | EE                       |
| 9         | OM                       |
| <b>10</b> | E.C-Lab, FM-Lab, H.T-Lab |



**Digital Sign  
(Farooq)**

## Faculty Profile



1. Name : Prof. Dinesh H. A

2. Highest Qualifications : B.E, M.Tech

3. Academic Performance :

| Qualifications | Board / IIT / University | Institute and place where studied       |
|----------------|--------------------------|---|
| B.E (ME)       | VTU                      | Global Academy of Technology, Bangalore |
| M.Tech(MDE)    | VTU                      | JNNCE, Shimoga                          |

4. Gender : Male

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From | To           | Institution / Industry |
|---------------------|------|--------------|------------------------|
| Assistant Professor | 2016 | Till Present | HKBKCE                 |

8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2019-20 | NIL   |

9. Courses Taught:

| S.No | Course Name                    |
|------|--------------------------------|
| 01   | MECHANICS OF MATERIALS         |
| 02   | FINITE ELEMENTS OF METHOD      |
| 03   | COMPUTER AIDED MACHINE DRAWING |
| 04   | ENGINEERING GRAPHICS           |
| 05   | AUTOMOBILE ENGINEERING         |
| 06   | MECHATRONICS                   |
| 07   | MANUFACTURING PROCESS          |

  
Digital Sign  
(Dinesh H. A)

## Faculty Profile

1. **Name** : Prof. Tansif Khan
2. **Highest Qualifications** : M-Tech
3. **Academic Performance** : Pass Percentage (95%+)



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (ME)</b>    | VTU                      | MCE Hassan                        |
| <b>M.Tech(MMD)</b> | VTU                      | The NIE Mysuru                    |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation                | From                      | To                        | Institution / Industry                 |
|----------------------------|---------------------------|---------------------------|--|
| <b>Assistant Professor</b> | 1 <sup>st</sup> Aug 2017  | 27 <sup>th</sup> Jan 2019 | Alpha College of Engineering Bangalore |
| <b>Assistant Professor</b> | 28 <sup>th</sup> Jan 2019 | Till Present              | HKBK College of Engineering            |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> | Nil   |
| <b>2020-21</b> | Nil   |
| <b>2019-20</b> | Nil   |
| <b>2018-19</b> | Nil   |
| <b>2017-18</b> | Nil   |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name |
|----------|-------------|
| <b>1</b> | EME         |
| <b>2</b> | KOM         |
| <b>3</b> | DOM         |



|   |   |
|---|---|
| 4 | Energy & Environment                    |
| 5 | PLCM                                    |
| 6 | E.C-Lab, MMM-Lab, EGD – Lab, Design Lab |



**Digital Sign  
(Tansif Khan)**

## Faculty Profile



1. **Name** : **Prof. Mohammed Yaseer Pasha**
2. **Highest Qualifications** : **M-Tech**
3. **Academic Performance** : **Pass Percentage (95%+)**

| Qualifications     | Board / IIT / University | Institute and place where studied  |
|--------------------|--------------------------|------------------------------------|
| <b>B.E (ME)</b>    | VTU                      | Srinivas School of Engg, Mangalore |
| <b>M.Tech(MMD)</b> | VTU                      | NMAMIT(NITTE-Mangalore)            |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                | From                      | To           | Institution / Industry      |
|----------------------------|---------------------------|--------------|-----------------------------|
| <b>Assistant Professor</b> | 19 <sup>th</sup> Nov 2018 | Till Present | HKBK College of Engineering |

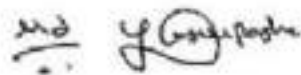
### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> | Nil   |
| <b>2020-21</b> | Nil   |
| <b>2019-20</b> | Nil   |
| <b>2018-19</b> | Nil   |
| <b>2017-18</b> | Nil   |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name          |
|----------|----------------------|
| <b>1</b> | EME                  |
| <b>2</b> | MCW                  |
| <b>3</b> | MF                   |
| <b>4</b> | Energy & Environment |
| <b>5</b> | FEM                  |

|   |                              |
|---|------------------------------|
| 6 | CIM                          |
| 7 | CIM-Lab, CAMA-Lab, EGD – Lab |



**Digital Sign**  
**(Mohammed Yaseer Pasha)**

## Faculty Profile

1. **Name** : **Prof. Nawaz Ahmed**
2. **Highest Qualifications** : **M.Tech**  
Manufacturing Science & Engg
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied   |
|--------------------|--------------------------|-------------------------------------|
| <b>B.E (ME)</b>    | VTU, Belagavi            | BMSECE, Bull temple road, Bengaluru |
| <b>M.Tech(MSE)</b> | VTU, Belagavi            | GCE, Ramanagaram                    |
| <b>Ph.D(CSE)</b>   | --                       |                                     |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

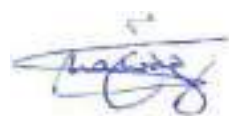
| Designation         | From       | To         | Institution / Industry                   |
|---------------------|------------|------------|--|
| Assistant Professor | Jan 2022   | Till Date  | <b>HKBK College Of Engineering</b>       |
| Teaching Assistant  | Feb 2015   | Jan 2022   | <b>HKBK College Of Engineering</b>       |
| Instructor          | March 2002 | Feb 2015   | <b>HKBK College Of Engineering</b>       |
| Turner              | Aug 1998   | March 2002 | <b>Sidhi Vinayak Fab Pvt Ltd, Peenya</b> |
|                     |            |            |  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> |   |
| <b>2019-20</b> |   |
| <b>2018-19</b> |   |
| <b>2017-18</b> |   |

### 9. Courses Taught:

| S.No | Course Name                          |
|------|--------------------------------------|
| 1    | Total Quality Management             |
| 2    | Metal Cutting & Forming              |
| 3    | Elements of Mechanical Engineering   |
| 4    | Energy Conversion Lab                |
| 5    | Machine Shop & Workshop Practice Lab |
|      |                                      |



**Digital Sign**

(NAWAZ AHMED)

## Faculty Profile

1. Name : Mrs. Amreen R
2. Highest Qualifications : M.Tech  
CAD/CAM
3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      |                                   |
| M.Tech(ME)     | VTU                      |                                   |
| Ph.D(ME)       |                          |                                   |

4. Gender : Male / Female
5. Present Status : Assistant Professor
6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA
7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | 25/07/2016 | Till date | HKBK College of Engineering |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
|------|-------------|

|          |           |
|----------|-----------|
| <b>1</b> | EME       |
| <b>2</b> | MCW       |
| <b>3</b> | KOM       |
| <b>4</b> | MT lab    |
| <b>5</b> | F & F Lab |
|          |           |

**Digital Sign  
(name)**

## Faculty Profile

1. Name : Mr. Arjun R

2. Highest Qualifications : M.Tech  
Materials

3. Academic Performance :

| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      |                                   |
| M.Tech(ME)     | VTU                      |                                   |
| Ph.D(ME)       |                          |                                   |

4. Gender : Male

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | 01/02/2016 | Till date | HKBK College of Engineering |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
| 1    |             |



|          |  |
|----------|--|
| <b>2</b> |  |
| 3        |  |
| 4        |  |
| <b>5</b> |  |
|          |  |

**Digital Sign  
(name)**

## Faculty Profile

1. Name : Mrs. Fathima Parveen

2. Highest Qualifications : M.Tech  
Thermal Engg

3. Academic Performance :

| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       |                          |                                   |
| M.Tech(ME)     |                          |                                   |
| Ph.D(ME)       |                          |                                   |

4. Gender : Female

5. Present Status : Associate Professor

6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry         |
|---------------------|------------|-----------|--------------------------------|
| Associate professor | 01/08/2018 | Till date | HKBK College of Engineering    |
| Associate professor |            |           | Gopalan College of Engineering |
| Assistant Professor |            |           | HKBK College of Engineering    |
|                     |            |           |                                |
|                     |            |           |                                |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
| 1    | HMT         |

|          |                 |
|----------|-----------------|
| <b>2</b> | Fluid Mechanics |
| 3        | FM Lab          |
| 4        | ECE Lab         |
| <b>5</b> | HMT Lab         |
|          |                 |

**Digital Sign  
(name)**

## Faculty Profile

1. Name : Mr. Mithun M

2. Highest Qualifications : M.Tech  
Machine Design

3. Academic Performance :

| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      |                                   |
| M.Tech(ME)     | VTU                      |                                   |
| Ph.D(ME)       |                          |                                   |

4. Gender : Male

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | 20/07/2018 | Till date | HKBK College of Engineering |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
| 1    |             |

|          |  |
|----------|--|
| <b>2</b> |  |
| 3        |  |
| 4        |  |
| <b>5</b> |  |
|          |  |

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**(name)**

## Faculty Profile

1. **Name** : **Mr. Mohammed Irfan**
2. **Highest Qualifications** : **M.Tech**  
Tool Engineering
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied |
|--------------------|--------------------------|-----------------------------------|
| <b>B.E (CSE)</b>   | VTU                      | SSIT INSTITUTE OF TECHNOLOGY      |
| <b>M.Tech(CSE)</b> | VTU                      | RVCE Bangalore                    |
| <b>Ph.D(CSE)</b>   |                          |                                   |

4. **Gender** : **Male / Female**
5. **Present Status** : **Assistant / Assoicate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation     | From       | To         | Institution / Industry            |
|-----------------|------------|------------|-----------------------------------|
| Asst. Professor | 20/07/2016 | Till Date  | HKBK College of Engineering       |
| Design Engineer | 04/06/2010 | 05/07/2011 | NTTF Industries, Peenya Bangalore |
|                 |            |            |                                   |
|                 |            |            |                                   |
|                 |            |            |                                   |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> |   |
| <b>2019-20</b> |   |
| <b>2018-19</b> |   |
| <b>2017-18</b> |   |
|                |   |

### 9. Courses Taught:

| <b>S.No</b> | <b>Course Name</b>                 |
|-------------|------------------------------------|
| <b>1</b>    | CAMD                               |
| <b>2</b>    | MOM                                |
| 3           | MP-3                               |
| 4           | Kinematics of Machines             |
| <b>5</b>    | Foundry Technology                 |
| 6           | Manufacturing Process – I          |
| 7           | MT Lab                             |
| 8           | Elective                           |
| 9           | Computer Aided Engineering Drawing |

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(name)**

## Faculty Profile

1. Name : Mr. Muzakkir Ahmed Khan

2. Highest Qualifications : M.Tech  
Advanced Materials

3. Academic Performance :

| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      |                                   |
| M.Tech(ME)     | BU                       | UVCE, Bangalore                   |
| Ph.D(ME)       |                          |                                   |

4. Gender : Male

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | 20/07/2015 | Till date | HKBK College of Engineering |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name            |
|------|------------------------|
| 1    | Smart Materials & MEMS |



|          |            |
|----------|------------|
| <b>2</b> |            |
| 3        |            |
| 4        | MT lab     |
| <b>5</b> | Design Lab |
|          |            |

**Digital Sign  
(name)**

## Faculty Profile

1. Name : Mr. Mahaboob Tabriz.B
2. Highest Qualifications : M.Tech  
Machine Design
3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      | Vijaynagar Engg Collg Bellary     |
| M.Tech(ME)     | VTU                      | BIET Davengera                    |
| Ph.D(ME)       |                          |                                   |

4. Gender : Male / Female
5. Present Status : Assistant Professor
6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA
7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry                      |
|---------------------|------------|-----------|---|
| Assistant professor | 07/02/2014 | Till date | HKBK College of Engineering                 |
| Project Manager     | 2011 July  | 2014 Jan  | Wipro Technologies                          |
| Lecturer            | 2009June   | 2011 June | HKBK College of Engg                        |
| Design Engineer     | 2008Jan    | 2009May   | Infotech Enterprises Ltd                    |
| Associate Engineer  | 2006 Feb   | 2007 Dec  | Defiance Research Development Establishment |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name           |
|------|-----------------------|
| 1    | Design of Elements II |

|          |                             |
|----------|-----------------------------|
| <b>2</b> | Automation in Manufacturing |
| 3        | DOM                         |
| 4        | MT lab                      |
| <b>5</b> | Design Lab                  |
|          |                             |

**Digital Sign  
(name)**

## Faculty Profile

1. Name : Mr. Vijay Kumar N J

2. Highest Qualifications : M.Tech  
Thermal Power Engg

3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      | Vijaynagar Engg Collg Bellary     |
| M.Tech(ME)     | VTU                      | BIET Davengera                    |
| Ph.D(ME)       | ----                     | ----                              |

4. Gender : Male / Female

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | 05/08/2013 | Till date | HKBK College of Engineering |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |

8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

9. Courses Taught:

| S.No | Course Name |
|------|-------------|
|------|-------------|

|          |                                |
|----------|--------------------------------|
| <b>1</b> | <b>Turbo machines</b>          |
| <b>2</b> | <b>Heat and Mass Transfer</b>  |
| <b>3</b> | <b>Fluid Mechanics</b>         |
| <b>4</b> | <b>Energy Conversion Lab</b>   |
| <b>5</b> | <b>Material Testing Lab</b>    |
| <b>6</b> | <b>Foundry And Forging Lab</b> |

**Digital Sign  
(name)**

## Faculty Profile

1. Name : Mrs. Arshiya Sultana
2. Highest Qualifications : M.Tech  
CIM
3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.E (ME)       | VTU                      |                                   |
| M.Tech(ME)     | VTU                      |                                   |
| Ph.D(ME)       | ---                      | ---                               |

4. Gender : Female
5. Present Status : Assistant Professor
6. Present Institute : HKBK College Of Engineering, Bangalore,  
INDIA
7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To        | Institution / Industry      |
|---------------------|------------|-----------|-----------------------------|
| Assistant professor | 16/03/2015 | Till date | HKBK College of Engineering |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |
|                     |            |           |                             |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
|------|-------------|

|          |                  |
|----------|------------------|
| <b>1</b> | EME              |
| <b>2</b> | CAMD             |
| <b>3</b> | KOM              |
| <b>4</b> | F & F lab        |
| <b>5</b> | Machine Shop Lab |
| <b>6</b> | M T Lab          |

**Digital Sign  
(name)**

## Faculty Profile

1. **Name** : **Dr. Syed Abu Sayeed Mohammed**
2. **Highest Qualifications** : **Ph.D. in Civil Engineering**
3. **Academic Performance** :



| Qualifications                   | Board / IIT / University                                 | Institute and place where studied |
|----------------------------------|--|-----------------------------------|
| <b>B.E (Civil)</b>               | Bangalore University                                     | BMS College of Engineering        |
| <b>M.E (Environmental Engg.)</b> | Bangalore University                                     | BMS College of Engineering        |
| <b>Ph.D(Civil)</b>               | Visveswaraiah Technological University ( VTU) - Belagavi | BMS College of Engineering        |

4. **Gender** : **Male /~~Female~~**
5. **Present Status** : **Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                 | From              | To                | Institution / Industry             |
|-----------------------------|-------------------|-------------------|------------------------------------|
| <b>Professor &amp; Head</b> | <b>01-04-2012</b> | <b>Till date</b>  | <b>HKBK College of Engineering</b> |
| <b>Assistant Professor</b>  | <b>01-09-2006</b> | <b>31-03-2012</b> | <b>HKBK College of Engineering</b> |
| <b>Senior Lecturer</b>      | <b>01-09-2005</b> | <b>31-08-2006</b> | <b>HKBK College of Engineering</b> |
| <b>Lecturer</b>             | <b>03-10-2000</b> | <b>31-08-2005</b> | <b>HKBK College of Engineering</b> |
|                             |                   |                   |                                    |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | <p>Kotresha, K., Mohammed, S.A.S., Sanaulla, P.F., Moghal, A.A.B., Moghal, A.A.B. Evaluation of Sequential Extraction Procedure (SEP) to Validate Binding Mechanisms in Soils and Soil-Nano-Calcium Silicate (SNCS) Mixtures, 2021, Indian Geotechnical Journal, 10.1007/s40098-020-00464-w</p> <p>Venkata Vydehi, K., Moghal, A.A.B., Mohammed, S.A.S., Lateef, M.A., Ali, M., Basheer, A., Handoo, A.A., Nabi, S.Z., Wafa, B.U., Efficacy of Almond Shell Ash Inclusion on the Geotechnical Behavior of Lime Blended Kaolinitic Soil, 2021, Lecture Notes in Civil Engineering, 10.1007/978-981-33-6444-8_23</p> |

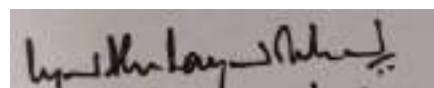


|                |   |
|----------------|---|
| <b>2020-21</b> | Moghal, A.A.B., Lateef, M.A., Mohammed, S.A.S., Ahmad, M., Usman, A.R.A., Almaged, A. Heavy metal immobilization studies and enhancement in geotechnical properties of cohesive soils by eicp technique, 2020, Applied Sciences (Switzerland), 10.3390/app10217568. |
|                | Moghal, A.A.B., Lateef, M.A., Mohammed, S.A.S., Lemboye, K., Chittoori, B.C.S., Almaged, A. Efficacy of enzymatically induced calcium carbonate precipitation in the retention of heavy metal ions, 2020, Sustainability (Switzerland), 10.3390/su12177019          |
|                | Moghal, A.A.B., Mohammed, S.A.S., Almaged, A., Al-Shamrani, M.A. Desorption of Heavy Metals from Lime-Stabilized Arid-Soils using Different Extractants, 2020, International Journal of Civil Engineering, 10.1007/s40999-019-00453-y                               |
| <b>2019-20</b> | Moghal, A.A.B., Mohammed, S.A.S., Al-Shamrani, M.A., State-of-the-art review on strontium toxicokinetics, mechanistic response, alterations and regulations, 2019, International Journal of GEOMATE, 10.21660/2019.53.71462   |
| <b>2018-19</b> | NIL   |
| <b>2017-18</b> | Mohammed, S.A.S., Sanaulla, P.F., Kotresha, K., Moghal, A.A.B., Sustainable use of contaminated soils amended with nano calcium silicate mixture for nickel encapsulation in an aqueous medium, 2017, Materials Today: Proceedings, 10.1016/j.matpr.2017.09.159.    |
|                | Moghal, A.A.B., Reddy, K.R., Mohammed, S.A.S., Al-Shamrani, M.A., Zahid, W.M., Sorptive response of chromium (Cr+6) and mercury (Hg+2) from aqueous solutions using chemically modified soils, 2017, Journal of Testing and Evaluation, 10.1520/JTE20160066.        |
|                | Mohammed, S.A.S., Moghal, A.A.B., Sanaulla, P.F., Kotresha, K., Reddy, H.P., Cadmium fixation studies on contaminated soils using nano calcium silicate - Treatment strategy, 2017 Geotechnical Special Publication, 10.1061/9780784480434.047                      |
|                | Zahid, W.M., Moghal, A.A.B., Obaid, A.A.K., Al-Shamrani, M.A., Mohammed, S.A.S. Physico-chemical and geo-environmental behavior of Semi Arid soils, 2017, International Journal of GEOMATE, 10.21660/2017.29.44861  |
|                |   |

### 9. Courses Taught:

| S.No     | Course Name  |
|----------|--|
| <b>1</b> | Open elective- Environmental Protection and Management 18CV753 |
| <b>2</b> | Open elective- Environmental Protection and Management 17CV678 |
| <b>3</b> | Elements of Civil Engineering and Mechanics 21CIV14            |
| <b>4</b> | Elements of Civil Engineering and Mechanics 18CIV13            |
| <b>5</b> | Elements of Civil Engineering and Mechanics 17CIV13            |
| <b>6</b> | Elements of Civil Engineering and Mechanics 15CIV13            |
| <b>7</b> | Solid Waste Management   |

|    |  |
|----|--|
| 8  | Municipal Waste Management             |
| 9  | Sanitary Engineering Part 1 and Part 2 |
| 10 | Strength of Materials                  |
| 11 | Fluid Mechanics                        |
| 12 | Environmental studies                  |
| 13 | Geotechnical Engineering               |
| 14 | Industrial Waste water treatment       |



**Digital Sign**  
**Dr. Syed Abu Sayeed Mohammed**

## Faculty Profile

1. **Name** : **Mr.Vinod Shavare**
2. **Highest Qualifications** : **M.Tech**  
Civil Engineering
3. **Academic Performance** :



| Qualifications            | Board / IIT / University | Institute and place where studied |
|---------------------------|--------------------------|-----------------------------------|
| <b>B.E (CV)</b>           | VTU Belagavi             | PDACE Kalaburgi                   |
| <b>M.Tech(Structures)</b> | VTU Belagavi             | BVBCE Hubli                       |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                               |
|---------------------|------------|------------|--|
| Assistant Professor | 02/11/2020 | Till Date  | <b>HKBK College Of Engineering, Bangalore, INDIA</b> |
| Assistant Professor | 01/08/2012 | 31/12/2016 | EWIT Bengaluru                                       |
| Site Engineer       | 01/08/2009 | 31/07/2010 | JBC Construction, Bengaluru                          |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> | Nil   |
| <b>2020-21</b> | Nil   |
| <b>2019-20</b> | Nil   |
| <b>2018-19</b> | Nil   |
| <b>2017-18</b> | Nil   |

### 9. Courses Taught:

| S.No | Course Name                               |
|------|---|
| 1    | Elements of Civil Engineering & Mechanics |
| 2    | Building Materials & Construction         |
| 3    | Strength of Materials                     |
| 4    | Analysis of Determinate Structures        |

|    |   |
|----|---|
| 5  | Analysis of Indeterminate Structure                           |
| 6  | Design of RCC Structural Elements                             |
| 7  | Design of Steel Structures                                    |
| 8  | Design of RCC & Steel Structures                              |
| 9  | Quantity Surveying & Contract Management                      |
| 10 | LABS: CAD lab, Material testing lab, Survey lab, Concrete lab |



**Digital Sign  
(Vinod Shavare)**

## Faculty Profile

1. **Name** : **Meghana G**
2. **Highest Qualifications** : **M Tech in Highway Technology**
3. **Academic Performance** :



| Qualifications                     | Board / IIT / University | Institute and place where studied                   |
|------------------------------------|--------------------------|---|
| <b>B.E (Civil Engineering)</b>     | VTU, Belgaum             | Sri Venkateshwara College of Engineering, Bengaluru |
| <b>M Tech (Highway Technology)</b> | VTU, Belgaum             | Dayanada Sagar College of Engineering, Bengaluru    |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                        | From              | To                | Institution / Industry                                |
|------------------------------------|-------------------|-------------------|---|
| <b>Assistant Professor</b>         | <b>02/11/2020</b> | <b>Present</b>    | <b>HKBK College of Engineering</b>                    |
| <b>Associate Engineer- Designs</b> | <b>01/08/2018</b> | <b>31-05-2019</b> | <b>InfraSupport Engineering Consultants Pvt Ltd.,</b> |

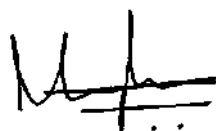
### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2018-19 | Meghana G, Experimental study on performance of OGFC mix by partial replacement of virgin aggregates with RAP aggregates and cellulose fibers ,“International Conference on Pavements and Computational Approaches (ICOPAC-2018)” organized by “CSIR – Central Road Research Institute ,New Delhi-110025 |

### 9. Courses Taught:

| S.No | Course Name                              |
|------|--|
| 1    | Highway Technology-18CV56, 15/17CV63     |
| 2    | Traffic Engineering- 18CV652, 15/17CV561 |
| 3    | Basic Surveying- 18CV35                  |

|    |   |
|----|---|
| 4  | Building Materials & Construction- 18CV34                       |
| 5  | Advanced Surveying- 18CV45                                      |
| 6  | Concrete and Highway Materials Testing Lab- 18CVL58, 15/17CVL57 |
| 7  | Surveying Practice- 18CVL57                                     |
| 8  | Hydrology and Irrigation Engineering- 18CV63                    |
| 9  | Water Supply & Treatment Engineering – 18CV46                   |
| 10 | Pavement Design- 18CV825, 15/17CV832                            |



**Meghana G**

## Faculty Profile

1. **Name** : Mrs. N.R. Gowri
2. **Highest Qualifications** : M.Tech Environmental Engineering
3. **Academic Performance** :



| Qualifications                     | Board / IIT / University | Institute and place where studied              |
|------------------------------------|--------------------------|--|
| B.Tech (Civil)                     | Calicut University       | N.S.S College of Engineering, Palakkad, Kerala |
| M.Tech (Environmental Engineering) | Kerala University        | College of Engineering, Trivandrum, Kerala     |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**

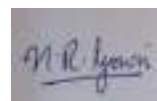
| Designation         | From        | To                 | Institution / Industry                              |
|---------------------|-------------|--------------------|---|
| Assistant Professor | 24/9/2021   | Presently employed | HKBK College Of Engineering, Bangalore              |
| Assistant Professor | June 2014   | April 2016         | Meenakshi Sundararajan Engineering College, Chennai |
| Assistant Professor | August 2013 | May 2014           | Amrita School of Engineering, Coimbatore            |
| Faculty Associate   | July 2012   | July 2013          | Amrita School of Engineering, Coimbatore            |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details                 |
|---------|---|
| 2021-22 | Final Year Project -Utilization of plastic waste in production of construction material |
| 2020-21 | Nil   |
| 2019-20 | Nil   |
| 2018-19 | Nil   |
| 2017-18 | Nil   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name                              |
|------|--|
| 1    | Fluid Mechanics                          |
| 2    | Urban Transportation Planning            |
| 3    | Basic Geotechnical Engineering           |
| 4    | Hydraulic Engineering                    |
| 5    | Construction Materials                   |
| 6    | Building Technology                      |
| 7    | Construction Equipment                   |
| 8    | Environmental Studies                    |
| 9    | Building Drawing                         |
| 10   | Fluid Mechanics and Machinery Laboratory |
| 11   | Environmental Engineering Laboratory     |
| 13   | Material Testing and Evaluation Lab      |
| 14   | Cad Lab                                  |



**Digital Sign  
(N.R.Gowri)**



## Faculty Profile

1. Name : Prof.Rajalakshmi M M

2. Highest Qualifications : M.Tech  
(Transportation Engineering)

3. Academic Performance :



| Qualifications                         | Board / IIT / University              | Institute and place where studied                         |
|--|---------------------------------------|---|
| B.E (Civil )                           | Visvesvaraya Technological University | BGSIT Mandya,Karnataka                                    |
| M.Tech<br>(Transportation Engineering) | Ramaiah University of Applied Science | Ramaiah University of Applied Science Bangaluru,Karnataka |

4. Gender : Female

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

| Designation         | From       | To | Institution / Industry                 |
|---------------------|------------|----|--|
| Assistant Professor | 24/09/2021 | -  | HKBK College Of Engineering, Bangalore |

### 8.Publication( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 | NIL   |
| 2020-21 | NIL   |
| 2019-20 | NIL   |
| 2018-19 | NIL   |
| 2017-18 | NIL   |

### 9. Courses Taught:

| Sl.No | Course Name                                  |
|-------|--|
| 1.    | Strength of Materials                        |
| 2.    | Construction Management and Entrepreneurship |
| 3.    | Design Concept of Building Service           |

**Digital Sign  
(RAJALAKSHMI M M)**

*Rajalakshmi. M M.*

## Faculty Profile

1. **Name** : **KISHORE.S. R**
2. **Highest Qualifications** : **M.Tech**  
(Highway Technology)
3. **Academic Performance** :



| Qualifications                               | Board / IIT / University | Institute and place were studied   |
|--|--------------------------|------------------------------------|
| <b>B.E (CIVIL)</b>                           | VTU                      | EAST POINT COLLEGE OF ENGINEERING  |
| <b>M.Tech</b><br><b>(Highway Technology)</b> | VTU                      | DAYANDSAGAR COLLEGE OF ENGINEERING |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation                | From       | To         | Institution / Industry                                |
|----------------------------|------------|------------|---|
| <b>Assistant Professor</b> | 30/11/2021 | PRESENT    | <b>HKBK College of Engineering, Bangalore, INDIA</b>  |
| <b>Assistant Professor</b> | 01/02/2020 | 29/11/2021 | <b>Impact college of Engineering Bangalore, INDIA</b> |
| <b>Site Engineer</b>       | 01/08/2014 | 11/09/2015 | <b>SD Constructions Bangalore, INDIA</b>              |
| <b>Site Engineer</b>       | 15/09/2015 | 30/3/2017  | <b>Druthi Infrs Pvt Ltd Bangalore, INDIA</b>          |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> |   |
| <b>2019-20</b> | Kishore. S. R, Vivek. R. Das, Parthan. K<br>Evaluation of queue discharge and Lane occupancy due to seepage behaviour of small sized vehicles at intersection.<br>Springer/ Verlag group<br>Kishore. S. R, Vivek. R. Das<br>Evaluation of Lateral and Longitudinal deviation of small sized vehicles at signalized intersection.<br>Francis and Taylor group. |
| <b>2018-19</b> |   |

|                |  |
|----------------|--|
| <b>2017-18</b> |  |
|                |  |

### 9. Courses Taught:

| <b>Sl. No</b> | <b>Course Name</b>                               |
|---------------|--|
| 1)            | Pavement Design                                  |
| 2)            | Highway Engineering                              |
| 3)            | Traffic Engineering                              |
| 4)            | Urban Transportation Planning                    |
| 5)            | Construction Management and Entrepreneurship     |
| 6)            | Basic Surveying                                  |
| 7)            | Concrete Technology                              |
| 8)            | Hydrology and Irrigation Engineering             |
| 9)            | Building Materials and Constructions             |
| 10)           | Engineering Geology                              |
| 11)           | Building Materials Testing Laboratory            |
| 12)           | Concrete and Highway material Laboratory         |
| 13)           | Concrete and Highway material testing Laboratory |
| 14)           | Environmental Engineering Laboratory             |



**Digital Sign  
(KISHORE. S.R)**

## Faculty Profile

1. **Name** : **MOHAMMED YUNUS G.S**
2. **Highest Qualifications** : **M.Tech**  
(STRUCTURAL ENGINEERING)
3. **Academic Performance** :



| Qualifications                        | Board / IIT / University | Institute and place were studied  |
|---------------------------------------|--------------------------|-----------------------------------|
| <b>DIPLOMA(CIVIL)</b>                 | BTE                      | THE OXFORD POLYTECHNIC BANGLORE   |
| <b>B.E (CIVIL)</b>                    | VTU                      | GLOBAL ACADEMY OF TECHNOLOGY      |
| <b>M.Tech</b><br>(Highway Technology) | VTU                      | THE OXFORD COLLEGE OF ENGINEERING |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

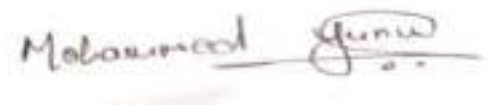
| Designation                    | From       | To         | Institution / Industry                                   |
|--------------------------------|------------|------------|--|
| <b>Assistant Professor</b>     | 01/04/2022 | PRSENT     | <b>HKBK College of Engineering, Bangalore, INDIA</b>     |
| <b>Project Manager</b>         | 01/12/2020 | 29/02/2022 | <b>I Structure Designs Bangalore, INDIA</b>              |
| <b>Assistant Professor</b>     | 14/09/2014 | 02/11/2020 | <b>Islamiah Institute of Technology Bangalore, INDIA</b> |
| <b>Trainee Design Engineer</b> | 10/10/2013 | 30/6/2014  | <b>Prasad Structural Consultancy Bangalore, INDIA</b>    |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year | Name, title of the paper, Conference /Journal, venue and date / Details |
|------|---|
|      |   |
|      |   |

### 9. Courses Taught:

| Sl. No | Course Name  |
|--------|--|
| 1)     | Strength of Material                                       |
| 2)     | Structural analysis I                                      |
| 3)     | Structural analysis II                                     |
| 4)     | Design of Reinforced cement concrete structure             |
| 5)     | Design and drawing of Reinforced cement concrete structure |
| 6)     | Design of steel structure                                  |
| 7)     | Design and drawing of steel structure                      |
| 8)     | Building material and construction technology              |
| 9)     | Concrete technology  |
| 10)    | water resource management                                  |
| 11)    | Construction management and entrepreneurship               |
| 12)    | Basic Materials Testing Laboratory                         |
| 13)    | Concrete and Highway material testing Laboratory           |
| 14)    | Extensive survey camp                                      |



**Digital Sign**  
**(MOHAMMED YUNUS G.S)**

## Faculty Profile

1. **Name** : **Anusha Crasta**
2. **Highest Qualifications** : **M.tech in Environmental Engineering**
3. **Academic Performance** :



| Qualifications                      | Board / IIT / University | Institute and place where studied        |
|-------------------------------------|--------------------------|--|
| <b>B.E (Civil)</b>                  | Visvesvarya University   | St. Joseph's College of Engineering      |
| <b>M.tech(Environ mental Engg.)</b> | JSS University           | Sri Jayachamendra College of Engineering |

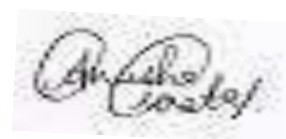
4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry               |
|---------------------|------------|------------|--------------------------------------|
| Assistant Professor | 04-04-2022 | Till date  | HKBK College of Engineering          |
| Assistant Professor | 15-04-2021 | 01-04-2021 | ICEAS ollege of Engineering          |
| Assistant Professor | 04-02-2019 | 28-02-2021 | Rajeev Gandhi College of Engineering |

### 9. Courses Taught:

| S.No | Course Name  |
|------|--|
| 1    | Open elective- Environmental Protection and Management 18CV753 |
| 2    | Elements of Civil Engineering and Mechanics 21CIV14            |
| 3    | Elements of Civil Engineering and Mechanics 18CIV13            |
| 4    | Building Material and Construction 17CV34                      |
| 5    | Municipal Industrial Waste Water                               |
| 6    | Water Supply and Treatment Engineering                         |
| 7    | Solid Waste Management   |
| 8    | Municipal Waste Management                                     |

|    |  |
|----|--|
| 9  | Construction Management and Entrepreneurship |
| 10 | Engineering Geology                          |
| 11 | Design of Prestressed Concrete               |
| 12 | Advance Surveying                            |
| 13 | Analysis of Indeterminate Structures         |
| 14 | Building Material and Construction 18CV34    |
| 15 | Advance Survey                               |



**Digital Sign**  
**Anusha Crasta**

## Faculty Profile



1. **Name** : **Dr. Sanaulla P F**

2. **Highest Qualifications** : **Ph.D.-Chemistry**

3. **Academic Performance** :

| Qualifications         | Board / IIT / University              | Institute and place where studied              |
|------------------------|---------------------------------------|--|
| <b>B.Sc (PCM)</b>      | Bangalore University                  | Govt College - Kolar                           |
| <b>M.Sc(Chemistry)</b> | Bangalore University                  | Central College - Bangalore                    |
| <b>Ph.D(Chemistry)</b> | Visvesvaraya Technological University | Dr Ambedkar Institute of Technology- Bangalore |

4. **Gender** : **Male**

5. **Present Status** : **Professor & HOD Chemistry**

6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**

7. **Experience (Starting from the latest to the earliest)**

| Designation   | From | To        | Institution   |
|---|------|-----------|---|
| Professor& HOD  | 2006 | till date | HKBK College of Engineering, Bangalore, INDIA           |
| Selection Grade Lecturer / Assistant Professor              | 2001 | 2005      | HKBK College of Engineering, Bangalore, INDIA           |
| Lecturer  | 1997 | 2001      | HKBK College of Engineering, Bangalore, INDIA           |
| Chemical Engineer (Q C Chemist)- Water Treatment & Analysis | 1994 | 1997      | “Technical Group” Riyadh, Kingdom of Saudi Arabia (KSA) |
| Lecturer  | 1991 | 1994      | Islamia Institute of Technology, Bangalore, INDIA       |
| Lecturer  | 1986 | 1991      | M. S. Ramaiah Institute of Technology, Bangalore, INDIA |

8. **Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | 1. Evaluation of Corrosion Inhibition Efficiency of Aluminum Alloy 2024 by Diaminostilbene and Azobenzene Schiff Bases in 1M Hydrochloric Acid. Shobha Bhaskara, Sanaulla Pathapalya Fakrudeen, Tegene Desalegn, H. C. Ananda Murthy, and V. Bheemaraju, International Journal of Corrosion, V21, 2021/10/21. PP 1-20, <a href="https://doi.org/10.1155/2021/5869915">https://doi.org/10.1155/2021/5869915</a> . |
|                | 2. Comparative Studies Of Inhibitive Effects Of Diamines On Corrosion Of   |



|         |  |
|---------|--|
|         | <p>Aluminium Alloy In Presence Of Acid Media.</p> <p>H.C. Ananda Murthy<sup>3</sup> and Anjanapura V. Raghu<sup>4</sup> Shobha Bhaskara<sup>1</sup>, Sanaulla Pathapalya Fakrudeen<sup>2</sup>, V. Bheema Raju<sup>1</sup>, Rasayan Journal of Chemistry, V 21, 2021/11/21, Special Issue 2021, PP 72-82. <a href="http://doi.org/10.31788/RJC.2021.1456561">http://doi.org/10.31788/RJC.2021.1456561</a></p>  |
| 2020-21 | <p>1. Enhanced multifunctionality of CuO nanoparticles synthesized using aqueous leaf extract of Vernonia amygdalina plant. HC Ananda Murthy, Tegene Desalegn Zeleke, KB Tan, Suresh Ghotekar, Mir Waqas Alam, R Balachandran, Kah-Yoong Chan, PF Sanaulla, MR Anil Kumar, CR Ravikumar. Results in Chemistry 3 (2021) 100141. <a href="https://doi.org/10.1016/j.rechem.2021.100141">https://doi.org/10.1016/j.rechem.2021.100141</a>.</p> <p>2. Evaluation of Sequential Extraction Procedure (SEP) to Validate Binding Mechanisms in Soils and Soil-Nano-Calcium Silicate (SNCS) Mixtures. K. Kotresha, Syed Abu Sayeed Mohammed, P. F. Sanaulla, Afzal Ali Baig Moghal, Arif Ali Baig Moghal, Indian Geo Technical Journal (October 2021) 51(5):1069–1077 Springer <a href="https://doi.org/10.1007/s40098-020-00464-w">https://doi.org/10.1007/s40098-020-00464-w</a></p> |
| 2017-18 | <p>1. Sustainable use of contaminated soils amended with nano calcium silicate mixture for nickel encapsulation in an aqueous medium, Arif Ali Baig Moghal Syed Abu Sayeed Mohammeda, Sanaulla P.F, Kotresha. K, Materials Today: Proceedings, ICNANO 2016, 4/11, pp12271–12277, <a href="https://doi.org/10.1016/j.matpr.2017.09.159">https://doi.org/10.1016/j.matpr.2017.09.159</a></p> <p>2. Cadmium Fixation Studies on Contaminated Soils Using Nano Calcium Silicate—Treatment Strategy. Syed Abu Sayeed Mohammed, Arif Ali Baig Moghal, PF Sanaulla, K Kotresha, Hari Prasad Reddy, Geotechnical Frontiers 2017, 2017/3, pp 434-442, <a href="https://ascelibrary.org/doi/abs/10.1061/9780784480434.047">https://ascelibrary.org/doi/abs/10.1061/9780784480434.047</a></p>   |

### 9. Courses Taught:

| S.No | Course Name               |
|------|---------------------------|
| 1.   | Engineering Chemistry     |
| 2.   | Engineering Chemistry Lab |



**Dr Sanaulla P F**  
**Professor & HOD**  
**Department of Chemistry**

## Faculty Profile

1. **Name** : Dr. Anantha M S
2. **Highest Qualifications** : Ph.D. (2021)  
Chemistry
3. **Academic Performance** :



| Qualifications         | Board / IIT / University              | Institute and place where studied                                       |
|------------------------|---------------------------------------|---|
| <b>B.Sc. Chemistry</b> | University of Mysore                  | JSS Arts, Commerce & Science College, Mysore                            |
| <b>M.Sc. Chemistry</b> | University of Mysore                  | Government Science College, Hassan                                      |
| <b>Ph.D. Chemistry</b> | Visvesvaraya Technological University | Centre for Incubation Innovation Research Consultancy (CIIRC) Bengaluru |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College of Engineering, Bangalore, INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation                  | From          | To            | Institution / Industry   |
|------------------------------|---------------|---------------|--|
| Assistant Professor          | December 2021 | Till          | HKBK College of Engineering, Bengaluru                                   |
| Research Scholar             | July 2018     | December 2021 | Centre for Incubation Innovation Research Consultancy (CIIRC), Bengaluru |
| Assistant Professor          | August 2015   | June 2018     | K.S.Institute of Technology, Bengaluru                                   |
| Lecturer                     | June 2014     | April 2015    | Vishwa Chethana PU College, Anekal                                       |
| Project Assistant, Level - 2 | August 2012   | April 2013    | CFTRI, Cheluvamba Mission Mysuru   |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details   |
|----------------|---|
| <b>2021-22</b> | <ol style="list-style-type: none"> <li>1. "Nanostructured MnO<sub>2</sub>/CeO<sub>2</sub> composite as anode material for high performance Li-ion battery." Materials Letters 308 (2022): 131298.</li> <li>2. "Numerical investigations of response surface methodology for organic dye adsorption onto Mg-Al LDH-GO Nano Hybrid: An optimization, kinetics and isothermal studies." Journal of the Indian Chemical Society 99.1 (2022): 100249.</li> </ol> |
| <b>2020-21</b> | <ol style="list-style-type: none"> <li>1. "Nitrogen-doped carbon spheres-decorated graphite felt as a high-performance electrode for Fe based redox flow batteries". Diamond and Related Materials,</li> </ol>  |

|                |   |
|----------------|---|
|                | <p>116 (2021): 108413.</p> <p>2. “One-Pot Synthesis of Novel Molybdenum Disulfide–Graphene Oxide Nanoarchitecture: An Impeccable Bifunctional Electrode for the Electrochemical Performance of Iron Redox Flow Batteries and Oxygen Evolution Reaction”. Energy &amp; Fuels, 35.9 (2021): 8345-8357.</p> <p>3. “ZnO@ MnO<sub>2</sub> nanocomposite modified carbon paste electrode for electrochemical detection of dopamine”. Sensors International, 2 (2021): 100087.</p> <p>4. “Microwave treated Bermuda grass as a novel photocatalyst for the treatment of methylene blue dye from wastewater”. Environmental Nanotechnology, Monitoring &amp; Management, 15 (2021): 100447.</p> <p>5. “Improved performance of iron-based redox flow batteries using WO<sub>3</sub> nanoparticles decorated graphite felt electrode”. Ceramics International, 47.7 (2021): 10250-10260.</p> <p>6. “Comparison of the photocatalytic, adsorption and electrochemical methods for the removal of cationic dyes from aqueous solutions”. Environmental Technology &amp; Innovation, 17 (2020): 100612.</p> |
| <b>2019-20</b> | -   |
| <b>2018-19</b> | <p>1. “Synthesis and characterization of Hierarchically assembled ZnO Nanoparticles and its application in modified carbon paste electrode for electrochemical detection of Biomolecules”. Materials Today: Proceedings, 5.10 (2018): 20947-20954.</p>  |
| <b>2017-18</b> | -   |

### 9. Courses Taught:

| S.No | Course Name               |
|------|---------------------------|
| 1.   | Engineering Chemistry     |
| 2.   | Engineering Chemistry Lab |



**Digital Sign**

**Dr. Anantha M S**

**Assistant Professor**

**Department of Chemistry**

## Faculty Profile

1. **Name** : Mr. Jayasimha H N
2. **Highest Qualifications** : M.Sc.  
Chemistry
3. **Academic Performance** :



| Qualifications   | Board / IIT / University | Institute and place where studied             |
|------------------|--------------------------|---|
| B.Sc.            | Tumkur University        | Government College, Tumkur                    |
| M.Sc.            | Davangere University     | Government Science College,<br>Chitradurga    |
| Ph.D. (Perusing) | VTU                      | Government Engineering College,<br>Ramanagara |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College of Engineering, Bangalore,  
INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From           | To            | Institution / Industry   |
|---------------------|----------------|---------------|--|
| Assistant Professor | February 2020  | Till date     | HKBK College of Engineering,<br>Bangalore                          |
| Assistant Professor | August 2017    | February 2020 | RajaRajeswari College of Engineering,<br>Bangalore                 |
| Assistant Professor | September 2012 | July 2017     | Nandi Institute of Technology and<br>Management Studies, Bangalore |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 | -  |
| 2020-21 | Jayasimha H N, Effect of Nano-size Silicon Carbide (SiC) Reinforced Al 8088 Alloy in an Alkaline Medium using Static Immersion Method, International Journal of Nanomaterials and Nanostructures |
| 2019-20 | -  |
| 2018-19 | -  |
| 2017-18 | -  |

**9. Courses Taught:**

| Sl.No | Course Name               |
|-------|---------------------------|
| 1.    | Engineering Chemistry     |
| 2.    | Engineering Chemistry Lab |



**Digital Sign**  
**Jayasimha H N**  
**Assistant Professor**  
**Department of Chemistry**

## Faculty Profile

1. **Name** : Mrs. Shubha A
2. **Highest Qualifications** : M.Sc.  
Chemistry
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| B.Sc.          | Bangalore University     | MLACW, Bangalore                  |
| M.Sc.          | Bangalore University     | Central College Campus, Bangalore |
| Ph.D.          | -                        | -                                 |

4. **Gender** : Female
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore,  
INDIA
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From         | To            | Institution / Industry                      |
|---------------------|--------------|---------------|---|
| Assistant Professor | August 2016  | Till date     | HKBK College Of Engineering,<br>Bangalore   |
| Assistant Professor | October 2011 | February 2015 | Atria Institute of Technology, Bangalore    |
| Lecturer            | October 2009 | October 2011  | The Oxford College of Science,<br>Bangalore |

### 8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out)

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 | -   |
| 2020-21 | -   |
| 2019-20 | -   |
| 2018-19 | -   |
| 2017-18 | -   |
|         |   |

**9. Courses Taught:**

| <b>S.No</b> | <b>Course Name</b>                         |
|-------------|--|
| <b>1.</b>   | Engineering Chemistry                      |
| <b>2.</b>   | Engineering Chemistry Lab                  |
| <b>3.</b>   | Chemical Kinetics (For M.Sc.)              |
| <b>4.</b>   | Electrochemistry (For B.Sc. & M.Sc.)       |
| <b>5.</b>   | Physical Chemistry Lab (For B.Sc. & M.Sc.) |



**Digital Sign**  
**Mrs. Shubha A**  
**Assistant Professor**  
**Department of Chemistry**

## Faculty Profile

1. Name : **Dr C S NAGABHUSHANA**
2. Highest Qualifications : **Ph.D.**  
Mathematics
3. Academic Performance :



| Qualifications | Board / IIT / University | Institute and place where studied    |
|----------------|--------------------------|--------------------------------------|
| BSc (PCM)      | Bangalore University     | Siddaganga college Boys,Tumkur       |
| MSc(MATHS)     | Bangalore University     | Central College,Bangalore University |
| Ph.D(MATHS)    | Bangalore University     | Central College,Bangalore University |

4. Gender : **Male**
5. Present Status : **Professor & H O D**
6. Present Institute : **HKBK College Of Engineering, Bangalore, INDIA**
7. Experience (Starting from the latest to the earliest)

| Designation      | From | To        | Institution / Industry |
|------------------|------|-----------|------------------------|
| Professor &H O D | 2017 | Till date | HKBKCE ,Bangalore      |
| Professor        | 2012 | 2017      | HKBKCE ,Bangalore      |
| Asst Prof        | 2010 | 2012      | HKBKCE ,Bangalore      |
| Lecturer         | 2002 | 2010      | HKBKCE ,Bangalore      |
|                  |      |           |                        |



**8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )**

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details  |
|---------|--|
| 2021-22 |  |
| 2019-20 | C S Nagabhushana , "Hyper-Zagreb Indices and Their polynomial of Tadpole Graph" in International conference on Innovation in Engineering And scienceTechnology and Management at HKBK college of Engineering, Bangalore on 3-4 May-2019. |
| 2019-20 | C S Nagabhushana, K srinivasa rao, some degree-based connectivity indices of Tad-pole Graph ,,International journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN:2278- 3075,Volume-8,Issue-2S6,August-2019           |
| 2017-18 | Dr C.SNagabhushana Split And EquitableDomination Of SomeSpecial Graphs, InternationalJournal of ScienceTechnology &Engineering, Vol 4/issue 2,August2017 &H.M Chudamani 2349-184   |
|         |  |

**9. Courses Taught:**

| S.No | Course Name   |
|------|---|
| 1    | Engineering Mathematics-I and II                            |
| 2    | Engineering Mathematics-3 and 4                             |
| 3    | Advanced Mathematics-1                                      |
| 4    | Advanced Mathematics-2                                      |
| 5    | Linear Algebra (MTech)                                      |
| 6    | Calculus and Linear Algebra                                 |
| 7    | Advanced Calculus & Numerical Methods                       |
| 8    | Transform Calculus, Fourier series and Numerical Techniques |
| 9    | Complex Analysis, Probability & Statistical Methods.        |



**Dr C S Nagabhushana**  
**Prof &HOD**  
**Department of Mathematics**

## Faculty Profile

**1. Name : Dr. S.SREELAKSHMI**

**2. Highest Qualifications : Ph.D.Mathematics**

**3. Academic Performance :**



| Qualifications                   | Board / IIT / University   | Institute and place where studied  |
|----------------------------------|--|--|
| <b>B.Sc. Applied Sciences</b>    | Bharathiyar University   | PSG College of Technology, Coimbatore, T.N.  |
| <b>M.Sc. Applied Mathematics</b> | Bharathiyar University   | PSG College of Technology, Coimbatore, T.N.  |
| <b>Ph.D Mathematics</b>          | Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600062, India | Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai 600062, India |

**4. Gender : Female**

**5. Present Status : Assistant Professor**

**6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA**

**7. Experience (Starting from the latest to the earliest)**

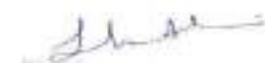
| Designation         | From       | To         | Institution / Industry                          |
|---------------------|------------|------------|---|
| Assistant Professor | 25-09-2010 | Till Date  | HKBK College of Engineering                     |
| Lecturer            | 3-11-2009  | 23-09-2010 | IIBS, Bangalore                                 |
| Lecturer            | 31-08-2007 | 15-10-2009 | ICFAI, Bangalore                                |
| Lecturer            | 4-12-2000  | 5-3-2005   | PSGR KRISHNAMMAL COLLEGE FOR WOMEN, Coimbatore. |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details   |
|---------|---|
| 2021-22 | <b>Sreelakshmi. S</b> presented a paper titled, “An M/M/1 Queue with Server in Three Phases Subject to Customer Impatience”, presented in the Second International Conference on Mathematical Modelling and Computational Science”, 29-30th OCT 2021.   |
| 2020-21 | (1) <b>Sreelakshmi S</b> A two-stage mutation stochastic model of carcinogenesis driven by a two level random environment, “International Journal of Mathematical, Engineering and Management Sciences”, Dec 2020, 5(6), pp. 1392-1408.<br><br>(2) <b>Sreelakshmi S</b> A two-stage mutation stochastic model of carcinogenesis driven by a three level environmental process, “International Journal of Mathematical, Engineering and Management Sciences”, Dec 2020, 5(6), pp. 1468-1487. |
| 2019-20 | <b>Dr.S.Udayabaskaran, S.Sreelakshmi</b><br>“A Maturity – Dependent Two-Stage Stochastic Model For Carcinogenesis”,<br>Proceedings of International Conference on Innovation in Engineering Science Technology and Management, ICIESTM-19,2019, HKBK College of Engineering, Bengaluru  |
| 2018-19 | <b>Dr.S.Udayabaskaran, S.Sreelakshmi</b> , “An Age – Dependent Stochastic Two Stage Model For Carcinogenesis”, Proceedings of National Conference on “Emerging Trends in Science and Engineering, NCETSE-2019,2019, SMVIT & Management, Udupi.  |
| 2017-18 | <b>Dr.S.Udayabaskaran, S.Sreelakshmi</b> ,”Two-stage Mutation Model of Carcinogenesis in a Random Medium”, Proceedings of International Conference on Applied Mathematics and Informatics, ICAMI 2017, 2017, Kongu Engineering College, Erode.  |

### 9. Courses Taught:

| S.No | Course Name                                    |
|------|--|
| 1.   | Probability and Statistics                     |
| 2.   | Operations Research                            |
| 3.   | Engineering Mathematics I,II, III, IV for B.E. |
| 4.   | Numerical Methods for M.Tech                   |
| 5.   | C, C++   |
| 6.   | Discrete Mathematics                           |



**Dr.S.Sreelakshmi**

## Faculty Profile

1. **Name** : **Prof. Prakash M**
2. **Highest Qualifications** : **M.Sc**  
Mathematics
3. **Academic Performance** :



| Qualifications                 | Board / IIT / University | Institute and place where studied |
|--------------------------------|--------------------------|-----------------------------------|
| <b>B.Sc (Computer science)</b> | Bangalore University     | GFGC Madhugiri                    |
| <b>M.Sc (Mathematics)</b>      | Tumkur University        | PG center, Tumkur                 |

4. **Gender** : **Male**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From      | To        | Institution / Industry            |
|---------------------|-----------|-----------|-----------------------------------|
| Assistant professor | 9/8/2019  | Present   | HKBK college of engineering       |
| Assistant professor | 5/8/2018  | 6/8/2019  | AMC college of engineering        |
| Assistant professor | 31/7/2016 | 12/8/2017 | Atria institute of technology     |
| Assistant professor | 5/8/2010  | 30/4/2016 | Srinivasa institute of technology |
| Lecturer            | 12/8/2009 | 30/7/2010 | Karavali institute of technology  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

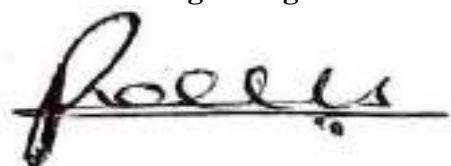
| Year           | Name, title of the paper, Conference /Journal, venue and date / Details |
|----------------|---|
| <b>2021-22</b> |   |
| <b>2020-21</b> |   |
| <b>2019-20</b> |   |
| <b>2018-19</b> |   |
| <b>2017-18</b> |   |
|                |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
|------|-------------|

|          |                                  |
|----------|----------------------------------|
| <b>1</b> | Engineering Mathematics - I      |
| <b>2</b> | Engineering Mathematics – II     |
| <b>3</b> | Engineering Mathematics – III    |
| <b>4</b> | Engineering Mathematics - IV     |
| <b>5</b> | Advanced Mathematics – I         |
| <b>6</b> | Advanced Mathematics - II        |
| <b>7</b> | Discrete Mathematical Structures |

**Digital Sign**



## Faculty Profile

1. Name : Prof. Sharmada.U

2. Highest Qualifications : M.sc

3. Academic Performance :



| Qualifications      | Board / IIT / University | Institute and place where studied |
|---------------------|--------------------------|-----------------------------------|
| B.Sc. (PCM)         | Mangalore University     | St. Aloysius College, Mangalore   |
| M.Sc. (Mathematics) | Mangalore University     | Mangalore University, Mangalore   |

4. Gender : Female

5. Present Status : Assistant Professor

6. Present Institute : HKBK College Of Engineering, Bangalore, INDIA

7. Experience (Starting from the latest to the earliest)

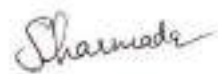
| Designation         | From | To        | Institution / Industry                 |
|---------------------|------|-----------|--|
| Assistant Professor | 2018 | till date | HKBK College of Engineering, Bangalore |
| Assistant Professor | 2013 | 2017      | P.A College of Engineering, Mangalore  |
| Lecturer            | 2011 | 2013      | P.A Polytechnic, Mangalore             |

8. Publication (Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 | -   |
| 2020-21 | -   |
| 2019-20 | -   |
| 2018-19 | -   |
| 2017-18 | -   |

9. Courses Taught:

| S.No | Course Name   |
|------|---|
| 1    | Engineering Mathematics I, II, III, IV for B.E students |
| 2    | Applied Mathematics I, II for polytechnic students      |



**Digital Sign**  
**(Sharmada.U)**  
**Assistant Professor**  
**Department of Engineering Mathematics**

## Faculty Profile

1. **Name** : Prof. Tejas J
2. **Highest Qualifications** : Msc  
Mathematics
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied |
|----------------|--------------------------|-----------------------------------|
| Bsc            | Bangalore university     | Sheshadripuram college, Bengaluru |
| Msc            | Bangalore university     | MES college, Bengaluru            |
|                |                          |                                   |

4. **Gender** : Male
5. **Present Status** : Assistant Professor
6. **Present Institute** : HKBK College Of Engineering, Bangalore, INDIA
7. **Experience** (Starting from the latest to the earliest)

| Designation         | From       | To         | Institution / Industry        |
|---------------------|------------|------------|-------------------------------|
| Assistant Professor | 01/02/2019 |            | HKBK college of Engineering   |
| Assistant Professor | 01/06/2015 | 31/01/2019 | Atria Institute of Technology |
|                     |            |            |                               |
|                     |            |            |                               |
|                     |            |            |                               |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year    | Name, title of the paper, Conference /Journal, venue and date / Details |
|---------|---|
| 2021-22 |   |
| 2020-21 |   |
| 2019-20 |   |
| 2018-19 |   |
| 2017-18 |   |
|         |   |

### 9. Courses Taught:

| S.No | Course Name |
|------|-------------|
|------|-------------|



|   |  |
|---|--|
| 1 | Engineering Mathematics -I (15MAT11,17MAT11,18MAT11,21MAT11) |
| 2 | Engineering Mathematics -II (15MAT21,17MAT21,18MAT21)        |
| 3 | Engineering Mathematics -III (15MAT31,17MAT31,18MAT31)       |
| 4 | Engineering Mathematics -IV (15MAT41,17MAT41,18MAT41)        |
|   |  |
|   |  |

**Digital Sign**

*Tejod. J*

## Faculty Profile

1. **Name** : **Dr. D. Umadevi**
2. **Highest Qualifications** : **Ph.D. Mathematics**
3. **Academic Performance** :



| Qualifications | Board / IIT / University                       | Institute and place where studied                      |
|----------------|--|--|
| <b>B.Sc.</b>   | Manonmaniam Sundaranar University, Tirunelveli | G.V. N. College, Kovilpatti, Tamil Nadu.               |
| <b>M.Sc.</b>   | Manonmaniam Sundaranar University, Tirunelveli | G.V. N. College, Kovilpatti, Tamil Nadu.               |
| <b>M.Phil.</b> | Madurai Kamaraj University, Madurai            | Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu. |
| <b>Ph.D.</b>   | Madurai Kamaraj University, Madurai            | Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu. |

4. **Gender** : **Female**
5. **Present Status** : **Associate Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

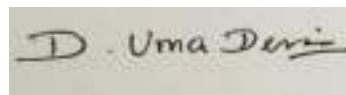
| Designation         | From        | To            | Institution / Industry  |
|---------------------|-------------|---------------|---|
| Associate Professor | 07.03.2022  | Till date     | HKBK College of Engineering   |
| Assistant Professor | August 2015 | May 2017      | Alliance University, Bangalore.   |
| Associate Professor | May 2013    | November 2014 | Kamaraj College of Engineering and Technology, Virudhunagar, Tamil Nadu |
| Assistant Professor | May 2012    | April 2013    | Kamaraj College of Engineering and Technology, Virudhunagar, Tamil Nadu |
| Research Associate  | May 2008    | March 2011    | Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu.                  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | --   |
| <b>2020-21</b> | --   |
| <b>2019-20</b> | --   |
| <b>2018-19</b> | --   |
| <b>2017-18</b> | D.Umadevi,. Characterizing Topological Quasi-Boolean algebras from Weakly Topological Quasi Boolean Algebras, Acta Mathematica Universitatis Comenianae, 86(1), 1-8(2017). |

### 9. Courses Taught:

| S.No. | Course Name                                   |
|-------|---|
| 1.    | Differential calculus and linear algebra      |
| 2.    | Discrete Mathematics                          |
| 3.    | Statistics and Numerical Methods              |
| 4.    | Probability and Statistics                    |
| 5.    | Transforms and Partial Differential Equations |
| 6.    | Engineering Mathematics – I                   |
| 7.    | Engineering Mathematics - II                  |



**(D. Umadevi)**

## Faculty Profile

1. **Name** : **Umme Salma**
2. **Highest Qualifications** : **Master of Science**
3. **Academic Performance** :



| Qualifications | Board / IIT / University | Institute and place where studied           |
|----------------|--------------------------|---|
| <b>B.Sc.</b>   | Bangalore University     | Sri Kongadiyappa College-<br>Doddaballapura |
| <b>M.Sc.</b>   | Bangalore University     | Central college - Bengaluru                 |
| <b>Ph.D</b>    |                          |   |

4. **Gender** : **Female**
5. **Present Status** : **Assistant Professor**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

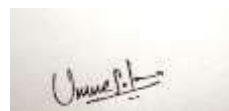
| Designation     | From | To        | Institution / Industry                |
|-----------------|------|-----------|---------------------------------------|
| Lecturer        | 2005 | 2014      | HKBK College of Engineering-Bangalore |
| Assistant Prof. | 2014 | Till date | HKBK College of Engineering-Bangalore |
|                 |      |           |                                       |
|                 |      |           |                                       |
|                 |      |           |                                       |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Umme Salma, H.M.Nagesh, Edge Irregularity Strength of SUNLET Graph, Bulletin of the international Mathematical virtual Institute, ISSN(p) 2303-4874, ISSN(o) 2303-4955, DOI: 10.7251/BIMVI2202213S, 12(2)(2022), 213-217, <a href="http://www.imvibl.org/JOURNALS/BULLETIN">www.imvibl.org/JOURNALS/BULLETIN</a> |
| <b>2020-21</b> |  |
| <b>2019-20</b> |  |
| <b>2018-19</b> |  |
| <b>2017-18</b> |  |
|                |  |

### 9. Courses Taught:

| S.No | Course Name   |
|------|---|
| 1.   | Engineering Mathematics-I                                   |
| 2.   | Engineering Mathematics-II                                  |
| 3.   | Engineering Mathematics-III                                 |
| 4.   | Engineering Mathematics-IV                                  |
| 5.   | Advanced Mathematics-I(MAT-DIP)                             |
| 6.   | Advanced Mathematics-II(MAT-DIP)                            |
| 7.   | Applied Mathematics-(MTech)                                 |
| 8.   | Calculus and Linear Algebra                                 |
| 9.   | Calculus and differential equations                         |
| 10.  | Advanced Calculus & Numerical Methods.                      |
| 11.  | Transform Calculus, Fourier series and Numerical Techniques |
| 12.  | Complex Analysis, Probability & Statistical Methods.        |



**Digital Sign  
(name)**

## Faculty Profile

1. **Name** : **Dr. Tabassum Ara**
2. **Highest Qualifications** : **Ph.D.**  
Computer Science & Engg
3. **Academic Performance** :



| Qualifications     | Board / IIT / University | Institute and place where studied      |
|--------------------|--------------------------|--|
| <b>B.E (CSE)</b>   | KU Dharwad               | BLDEAs College of Engineering, Bijapur |
| <b>M.Tech(CSE)</b> | VTU                      | SJCIT, Chkiballapur                    |
| <b>Ph.D(CSE)</b>   | REVA University          | REVA University, Bangalore             |

4. **Gender** : **Female**
5. **Present Status** : **Professor and Head, Department of Artificial Intelligence and Machine Learning**
6. **Present Institute** : **HKBK College Of Engineering, Bangalore, INDIA**
7. **Experience (Starting from the latest to the earliest)**

| Designation         | From       | To         | Institution / Industry                           |
|---------------------|------------|------------|--|
| Professor and Head  | 10-11-2021 | Till Date  | Department of AI&ML, HKBK College of Engineering |
| Assistant Professor | 12-9-2007  | 12-5-2021  | Department of CSE, HKBK College of Engineering   |
| Lecturer            | 1-2-2003   | 25-12-2006 | SIET, Bijapur                                    |
| Lecturer            | 12-12-1999 | 20-1-2003  | BLDEAs, Bijapur                                  |

### 8. Publication ( Research Papers /Books / Patent / Research Guidance /Projects carried out )

| Year           | Name, title of the paper, Conference /Journal, venue and date / Details  |
|----------------|--|
| <b>2021-22</b> | Javeria Ambareen, M Prabhakar and Tabassum Ara Lightweight Multifactor Authentication Protocol for Secure Wireless Medical Sensor Networks, Design Engineering, Vol 2022: Issue 01   |
| <b>2020-21</b> | Javeria Ambareen, M Prabhakar and Tabassum Ara LEES: A Hybrid Elliptic-ElgamalSchnorr Based Lightweight Cryptography for Secure D2D Communication in Journal of Telecommunication and Information technology June 2021           |
| <b>2019-20</b> | 1. Tabassum Ara, Manish Bali and M. Prabhakar Fault Prediction in Wireless Sensor Networks using Soft Computing in International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE) Oct 2020. \ |
|                | 2. Javeria Ambareen, M Prabhakar, Tabassum Ara Edge Data Security for RFID-based Devices International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE) Oct 2020.                             |

|                |   |
|----------------|---|
|                | <ol style="list-style-type: none"> <li>3. Tabassum Ara, MD Jaffar Ahmed, Mir Mohammed Arham, Mohammed Asim, Neha Taj Any Time Medicine Dispenser Machine International Scientific Journal of Contemporary Research in Engineering Science and Management Aug 2020</li> <li>4. Tabassum Ara, Mubashreen Khanum, KN Priyanka, S Vinusha Neaserigi, Saiqa Anjum Personal Emergency Response System: A Survey On Various Approaches International Scientific Journal of Contemporary Research in Engineering Science and Management Aug 2020\</li> <li>5. Tabassum Ara, Shazad Hai, Shruthi Shifa Density-Based Traffic Congestion Control Using Image Processing International Scientific Journal of Contemporary Research in Engineering Science and Management</li> </ol>  |
| <b>2018-19</b> | <ol style="list-style-type: none"> <li>1. Tabassum Ara and M. Prabhakar, Multifactor Authentication and Key Management Protocol for WSN-assisted IoT Communication, Journal of Telecommunications and Information Technology, 2019, vol. 3, pp. 17-26</li> <li>2. Tabassum Ara, P. G. Shah and P. M, Dynamic key Dependent S-Box for Symmetric Encryption for IoT Devices, 2018 Second International Conference on Advances in Electronics, Computers and Communications (ICAECC), Bangalore, 2018, pp. 1-5.</li> <li>3. Tabassum Ara , M. Prabhkar and Pritam Gajkumar Shah Energy Efficient Secured Cluster based Distributed Fault Diagnosis Protocol for IoT, International Journal of Communication Networks And Information Security (IJCNIS), Vol. 10, No. 3, December 2018, pp 539</li> <li>4. Ali Ahmed , Tabassum Ara, Akash Kumar Jain S , Mehnaz Khanam , Mohammed Lutf, Threat Intelligence Sharing: A Survey, JASC: Journal of Applied Science and Computations, Volume 5, Issue 11, November/2018, pp.1811</li> <li>5. Tabassum Ara, Akash Kumar Jain S, Ali Ahmed, Mehnaz Khanum, Mohammed Lutf Malcom, The Threat Information Sharing Platform, Proceedings of International Conference On Innovation In Engineering Science, Technology And Management” ICIESTM-19 on 3rd and 4th May 2019</li> </ol> |
| <b>2016-17</b> | <ol style="list-style-type: none"> <li>1. Bynu Baby and Tabassum Ara. Performance Analysis and Energetic Group Localization Methodology of Multiple Objects using Internet of Things. International Journal for Scientific Research and Development 4.2 (2016): 1715-1717.</li> <li>2. Tabassum Ara, Pritam Gajkumar Shah and M. Prabhakar Internet of Things Architecture and Applications: A Survey, Indian Journal of Science and Technology, Vol 9(45), DOI: 10.17485/ijst/2016/v9i45/106507, December 2016</li> </ol>  |
| <b>2015-16</b> | P. G. Shah, Tabassum Ara, J. Ambareen, X. Huang and V. V. Hegde, Prevention of Simple Power Analysis Attacks in Elliptical Curve Cryptography on WSN Platform, 2015 7th International Conference on Emerging Trends in Engineering & Technology (ICETET), Kobe, 2015, pp. 51-55   |

### 9. Courses Taught:

| S.No | Course Name                                  |
|------|--|
| 1.   | Artificial Intelligence and Machine Learning |
| 2.   | Automata Theory and Computability            |
| 3.   | Data Structure                               |
| 4.   | Design and Analysis of Algorithms            |

|     |                                      |
|-----|--------------------------------------|
| 5.  | Operating System                     |
| 6.  | Computer Network                     |
| 7.  | Data Base Management System          |
| 8.  | Application Development using Python |
| 9.  | Information and Network Security     |
| 10. | Problem Solving through Programming  |



**Dr. Tabassum Ara**