



**HAZRATH KHWAJA KHUTUBUDDIN  
BAKHTIAR KAKI (HKBK) COLLEGE OF  
ENGINEERING**

**Mandatory Disclosure**

**Appendix 10 :**  
**Mandatory Disclosure as per AICTE Norms**

	Mandatory Disclosure updated on	3 <sup>rd</sup> August 2020
1	AICTE File No.	1-7003949128
	Date and Period of last approval	9 <sup>th</sup> June 2020, 2020-2021
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 080-25443690, 080-25443698
	FAX number with STD code	080-25443813
	Office hours at the Institution	8.30 AM to 4.00 PM
	Academic hours at the Institution	8.30 AM to 4.00 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	2019-2020
6	Name of Principal / Director	Dr. M.S. Bhagyashekar
	Exact Designation	Principal
	Phone number with STD code	080-25441722, 080-25443744 080-25443690, 080-25443698
	FAX number with STD code	080-25443813
	Email	principal@hkbk.edu.in
	Highest degree	Ph.D
	Field of Specialization	Composites, Mechanical 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. M.S. Bhagyashekar	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. M.S. Bhagyashekar	Principal, HKBKCE	Member Secretary
2.	Prof. Hussain Ahmed	HOD – ECE	Convenor
3.	Dr. R. Loganathan	HOD – CSE	Member
4.	Dr. Syed Mustafa	HOD – ISE	Member
5.	Dr. Syed Abu Sayeed Mohd.	HOD - CIV	Member
6.	Prof. Sheik Haroon Safdar	HOD – EEE	Member
7.	Prof. Mahaboob Tabrez	HOD – ME	Member
8.	Dr. Sanaulla P.F	HOD – Chemistry	Member
9.	Dr. Chandrakumar K.	HOD – Physics	Member
10.	Dr. C.S. Nagabhushan	HOD – Mathematics	Member
11.	Prof. Vanaja V	HOD - MBA	Member
Frequency of Academic Advisory Body Meeting and Date of Last Meeting			
<b>Once in a month</b>			

## 9. Organizational Chart



Student feedback mechanism on institutional governance/faculty performance

Students give formal feedback on the prescribed parameters, which reviewed by the top management and the faculty w.r.t. improvement, level upgradation. Informal feedback also taken by the top management from time to time to ensure continual improvement

## 10. Grievance redressal mechanism for faculty, staff and students

Grievance redressal mechanism at HKBK College of Engineering underlines accountability and monitoring towards the customers (faculty, staff and students). A five member committee monitors and addresses the complaints /suggestions received from the stakeholders and appropriate action is taken by the committee.

## Mandatory Disclosure- Computer Science and Engineering Department

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

### Approval Description:

<b>Academic Year</b>	<b>2019-20</b>	<b>2018-19</b>	<b>2017-18</b>	<b>2016-17</b>	<b>2015-16</b>
Year wise sanctioned intake	180	180	180	180	120
Year wise actual admission	180	174	176	187	118
Cut off marks- General Quota	32775	29390 - 132454	16355 - 125714	31007	38216
Students passed with distinction	-	21	57	13	32
Students passed with first class	-	42	16	43	52
Student placed	31	37	38	27	52
Average pay package	3.5 Lakh/Annum	3 Lakh/Annum	3 Lakh/Annum	2.9 Lakh/ Annum	3 Lakh/ Annum
Student opted for higher studies	-	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				

**Departmental activities**

**AY: 2019-20**

1. Department of CSE has organized 1 day Workshop on “Python “ on 17-Feb-20’ for 6<sup>th</sup> sem students.
2. 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.
3. Department of CSE has organized a guest lecture on ” Future and Applications of IOT on 23-Nov-2019 for 30 CSE students.
4. 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).
5. Department of CSE has organized Guest Lecture on “Data Science and Cyber Security on 06-Nov-2019 for 40 final year CSE students.
6. 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).
7. 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).
8. Department of CSE has organized Guest Lecture on “Career Opportunities on 23-Oct-2019 for 5<sup>th</sup> Sem CSE students.
9. 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.
10. Department of CSE has organized Seminar on Universal Human Values –UHV on 26-Oct-2019 for first year students.
11. Department of CSE has organized a 1 day Workshop on Stress Management on 17-10-2019 for 30 students
12. 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.
13. 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 .
14. Department of CSE has organized Guest Lecture on “ How to write a Good Research paper” on 28-Sept-2019 for final year CSE students

15. Department of CSE has organized Value Added Course on “Microsoft.Net Framework & its Applications on 26-Sept-2020 for 5<sup>th</sup> sem CSE students
16. 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)
17. Department of CSE has organized a Guest Lecture on “IOS Application Development” on 18-Sept-2019 for 5<sup>th</sup> sem students

**AY: 2018-19**

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).
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).
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).
4. Department of CSE has organized a Guest Lecture on Entrepreneurship on 02-03-2019 for CSE students (160 Registration).
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).
6. Department of CSE has organized a Value added program on Manual and Automation testing Java, Sql, DBMS, Data Structure Quantitative Aptitude , Logical Reasoning , 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).
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).
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).
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).

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).
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).
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).
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).
14. Department CSE has organized a Social Awareness Programmes- Swach Bharath programme on 2018 for CSE students (25 Registration).

**AY: 2017-18**

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).
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).
3. Department of CSE has conducted Industrial Visit, Internship and Industrial Training Programmes – Internship with Biztime, Bangalore in -2017 for CSE final year students.
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).
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**

1. A Technical talk on "**Cloud Computing & virtualization**" 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.
2. Department of CSE has conducted "**Swatch VKIT**" 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 & dry waste. The program was successfully completed.

	<p>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.</p> <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 an Industrial visit for the 6<sup>th</sup>Sem students at Infosys Limited Electronic city, Bengaluru on 11<sup>th</sup> May 2017.</li> </ol>
<p><b>Funds received</b></p>	<p style="text-align: center;"><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> </ol>

	<p>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.</p>
<p><b>Conference/Seminar / Workshop organized</b></p>	<p><b>AY: 2019-20</b></p> <ol style="list-style-type: none"> <li>1. Department of CSE has conducted FDP on “ Microcontroller &amp; Embedded systems Laboratory (18CSL48) 06-Feb-20’ to 10-Feb-2020’</li> <li>2. Department of CSE has organized Seminar on <b>Universal Human Values –UHV</b> on 26-Oct-2019 for first year students.</li> <li>3. Department of CSE has organized a 1 day Workshop on <b>Stress Management</b> on 17-10-2019 for 30 students</li> <li>4. Department of CSE has conducted a One day’ <b>workshop on “Entrepreneurship and Startup strategies with funding opportunities”</b> on 14-09-2019.</li> <li>5. Department of CSE has organized a 1 day Workshop on <b>“Software Testing Automation Tools”</b> on 07-11-2019 for for 5<sup>th</sup>sem CSE students (30 Registration</li> <li>6. Department of CSE has conducted 3 days FDP on <b>“ Analog &amp; Digital Electronics Laboratory”</b> from 25-July-2019’ to 27-July-2019 ’</li> </ol> <p><b>AY: 2018-19</b></p> <ol style="list-style-type: none"> <li>7. Department of CSE has conducted a One day’ workshop on <b>“Real time application with Python”</b> dated on 23-03-2019.</li> <li>8. Department of CSE has conducted a Two days’ workshop on <b>“Offensive Security and penetration testing”</b> dated on 29-03-2019 to 30-03-2019.</li> <li>9. Department of CSE has conducted a One day’ workshop on <b>“Machine Learning with Python”</b> dated on 05-10-2018.</li> </ol> <p><b>AY: 2017-18</b></p> <ol style="list-style-type: none"> <li>10. Department of CSE has conducted a Two days’ workshop on <b>“Cryptography, Network Security and Cyber Law”</b> dated on 15-02-2018 to 16-02-2018.</li> <li>11. Department of CSE has conducted a One day’ workshop on <b>“IOT”</b> dated on 15-06-2018.</li> </ol>

	<p>12. A Two day workshop on “<b>Advanced JAVA and J2EE</b>” has been organized for pre final year students on 21<sup>st</sup> 22<sup>nd</sup> Sep 2017 in the department of CSE.</p> <p><b>AY: 2016-17</b></p> <p>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.</p> <p>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.</p> <p>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</p> <p><b>AY: 2015-16</b></p> <p>16. Department of CSE has conducted a One day workshop on “<b>Effective Resume Writing and Interview Preparation</b>” on 13th Aug 2015.</p> <p>17. Department of CSE has conducted a One day Seminar on “<b>Infosys Road Show</b>” on 7th Sep 2015.</p>
<p><b>Conference/Seminar / Workshop attended</b></p>	<ol style="list-style-type: none"> <li>1. Prof Smitha Kurian has attended A 5 days FDP on EMERGING TRENDS IN CYBER SECURITY from 15-06-2020 to 20-06-2020.</li> <li>2. Prof. Bhagya K, Prof. Chandrakala H L and Prof. Khallikunaisa has attended A five days workshop on “<b>Outcome Based Education and NBA Accreditation</b>” organized by MSRIT, Bengaluru on 20<sup>th</sup> to 24<sup>th</sup> Jan 2020.</li> <li>3. Prof. Archana H has attended 10 days Workshop on “<b>Research Methodology</b>” at VTU, HRDC, Muddenahalli, from 17th-26th Jan, 2020.</li> <li>4. Prof. Neelam Malyadri has attended 2 days Workshop on “<b>AWS DevOps – Docker, Ansible and Cloud Formation</b>” at HKBKCE, Bangalore from 13th Feb-14th Feb 2020.</li> <li>5. Prof. Chandrakala HL has attended a 2 days “<b>Holistic Approach of yoga for Women's Wellness</b>” organized by Adhyatma Yoga Academy, Kashmir Bhavan, Bangalore on 1st March 2020.</li> </ol>

6. 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.
7. 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.
8. Prof. Kallikkunaisa has attended a 2 days “**International Conference on Engineering and Technology**” organized by RGC Campus, Bangalore on 29th-30th April,2019
9. 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.
10. 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 & its Applications**” has been organized from 21st Jan 2019 to 25th Jan 2019 at BMSCE Bangalore.
11. 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.
12. Prof.Imranulla Khan and Prof. Manzoor Ahmed attended a one day workshop on “**A Practical Implementation of IoT using Python & raspberry Pi**” Held on 19<sup>th</sup> Jan 2019 at ISM, Bangalore.
13. Prof. Manjula H T has attended A 3 days workshop on “**System software & compiler design/operating system lab**” organized by GAT from 17<sup>th</sup> to 19<sup>th</sup> Jan 2018.
14. Prof. Tabassum Ara has attended A 5 days workshop on “**Advanced Android & Design Thinking Workshop**” organized by Google, Bengaluru from 24th April 2018 to 28th April 2018.

15. 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 24<sup>th</sup> to 25<sup>th</sup> April 2018.
16. 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 14<sup>th</sup> May 2018.
17. 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 18<sup>th</sup> to 24<sup>th</sup> July 2018.
18. Prof. Manzoor Ahmed has attended A one day conference on “**Knowledge Discovery in Information Technology**” organized by Brindavan College of Engineering, Bangalore on 4<sup>th</sup> May 2018.
19. 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 3<sup>rd</sup>-4<sup>th</sup> May, 2018.
20. Prof. Kallikkunaisa has attended a one day “**National Symposium on Internationalization of Higher Education ,A Paradigm Shift**” organized by Dr. AIT, Bangalore on 18<sup>th</sup> Decemeber,2018.
21. Prof. V Vijayalakshmi attended a two-day workshop on “**Data Science and Analytics**” Held on 20<sup>th</sup> and 21<sup>st</sup> July 2017 at Kristu Jayanti College.
22. 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.
23. Prof. Bhagya K has Attended 3 day workshop “**Computer Network Programs in Java & NS2**” from 10<sup>th</sup> Aug 2017 to 12<sup>th</sup> Aug 2017 conducted by SJBIT, Bangalore.
24. Prof. Tabassum Ara has attended A one day workshop on “**IoT and Cloud Computing- the coexistence**” organized by ISM, Bengaluru on 28<sup>th</sup> Oct 2017.
25. 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 28<sup>th</sup> Oct 2017.

26. Prof. Tabassum Ara has attended A 3 Day workshop on "**Web Technology & its Applications**" organized by SJBIT on 16<sup>th</sup> to 18th July 2017.
27. 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.
28. 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.
29. Prof. Vijaya Lakshmi has attended A Six day Workshop on "**Design for everything: oportunities in IOT**" at MSRIT, Bangalore. Organized by C-DAC on 11th - 16th Jan 2016.
30. 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.
31. Prof. Loganatahan .R has attended A Three day Workshop on "**Python Programming Fundamentals**" at NMIT, Bangalore. on 4th - 6th Jan 2016.
32. Prof. Chandrakala H L, has attended A Three day workshop on "**Research Methodology & Latex**" organized by AIT, Bangalore, on 29th - 31st July 2015.
33. Prof. Neelam Malyadri, has attended A One day workshop on "**Big Data & Excellent Research**" organized by ACE, Bangalore, on 25th March 2015.
34. Prof. Khallikunaisa, has attended A Two day workshop on "**Big Data and Hadoop**" organized by UVCE, Bangalore, on 14th - 15th May 2015.
35. 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.

## Publications

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.
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.
3. Dr. M. Selvam, Sounder RajanThennarasu and K. Srihari- A new whale Optimizer for workflow scheduling in cloud computing environment – January 2020 International.
4. Dr. Loganathan R, Prof. Smitha Kurian- Automated Allocation of Resources for Examination System Using Genetic Algorithm – **Volume** 9,2, December 2019 International.
5. Prof. K. Sangeetha Supriya, Ramesh. Vatambeti Link Availability Based Routing Protocol for Mobile Ad-Hoc Networks based on Link Life Time prediction – **Volume** 9,2, December 2019 International.
6. Prof. Smitha Kurian, Dr. Loganathan R. AODV based Service Discovery Protocol with Two Hop Neighbor Information – **Volume** 8,4, November-2019 International.
7. Prof. Ismath Unnisa, Loganathan. R Human Facial Emotion Recognition using Adaptive Sigmoidal Transfer Function in MLP Neural Network - **Volume** 9,1, October 2019 International.
8. Prof. Chandrakala H L, Dr. Loganathan R. A Harmonized Dynamic Quality of Service Aware Data Replication Strategy in Cloud - **Volume** 8,11, September,2019 International.
9. Prof. Tabassum Ara M. Prabhakar Multifactor Authentication and Key Management Protocol for WSN-assisted IoT Communication – **Volume** 2019/3, September 2019 International.
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.

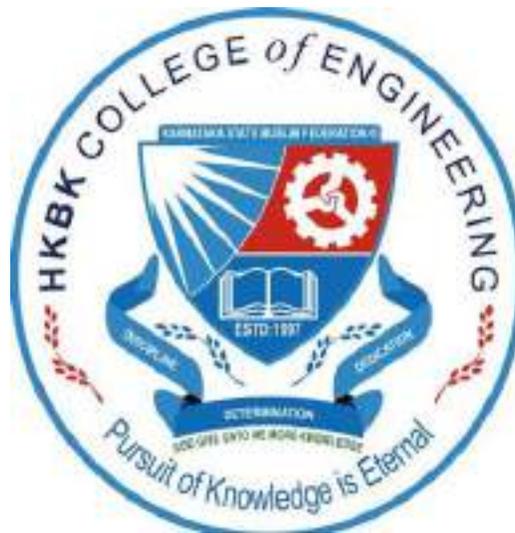
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12. Prof. Juveriya Afreen, Arfa Mehak, Reshma Banu, Mounika I S, Raksha G K A Survey on Person Identification Using Soft Biometrics JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.
13. Prof. Noor e Saba, Shazad Hai, Shifa, Shruthi.S, Vijay Raj.P A Survey on Intelligent Traffic Congestion Control System JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.
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.
15. Prof. Neelam Malyadri, RuksarBanu Z, Saba Sadiqa, VT 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.
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.
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
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.
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.

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.
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.
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
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.
24. Prof. Chandrakala H L, SaffiyaTasneem, SafuraAfreem, Tamanna Farheen, Uzmajavaid Construction of WSN for Protection of Forest Trees Against Burglary JASC: Journal of Applied Science and Computations Volume 5,12, Dec-2018.
25. Prof. Jobin Thomas, Akhlath Faize, Muhammad Zazaar, 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.
26. Prof. Pakruddin B, Vishruth ND, Shreeshyam H S, Saurabh, Osama Mustaquim "A Survey on Smart Agricultural Farming Using IOT JASC: Journal of Applied Science and Computations" Nov 2018, volume 5,11.
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.
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29. Dr. Loganathan R, Smitha Kurian Automation of Resource Allocation for the Conduction of Examination Using Genetic Algorithm HKBK International Journal of Engineering Science
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 & Technology (IJCET) Volume 9, 2, 2018.
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.
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.
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 and Software Engineering Volume 8(5), May 2018.
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.
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.
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.
37. Neha Mangala, Prof. PriyaRathod A comprehensive Review: Internet of things IOSR Journal of Computer Engineering Volume 19,4, Aug 2017.

	<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/ Continuing Education (Ph.D)</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> <li>8. Prof. Chandrakala</li> </ol>
<p><b>Awards / Rewards</b></p>	<ol style="list-style-type: none"> <li>1. 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>2. 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>3. Dr. Loganathan .R, is recognized as BRONZE partner faculty under inspired-the campus connect faculty partnership model in the year 2017.</li> <li>4. Prof. JaveriaAmbareen, is recognized as BRONZE partner faculty under inspired-the campus connect faculty partnership model in the year 2017.</li> </ol>

	<ol style="list-style-type: none"> <li>5. 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>6. 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>
<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>



**HAZRATH KHWAJA KHUTUBUDDIN  
BAKHTIAR KAKI (HKBK) COLLEGE OF  
ENGINEERING**

**Department of Information Science and Engineering**

**Mandatory Disclosure**

1	<b>Name of the Department</b>	<b>INFORMATION SCIENCE AND ENGINEERING</b>				
	<b>Course</b>	<b>Bachelor of Engineering</b>				
	<b>Level</b>	<b>U.G</b>				
	1 <sup>st</sup> year of approval by the Council	1997-98				
	Year wise sanctioned intake	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>
		60	60	120	120	120
	Year wise Actual Admission	44	52	104	80	105
	Cut off marks –General Quota	L-0,289	L-0,289	L-36,375	L-35,562	L-27,505
		%92.32	%92.32	%87.67	%94.3	%94.3
		H-4,801	H-4,801	H-1,13,664	H-1,12,675	H-2,06,111
	Students passed with distinction	28	22	23	29	11
	Students passed with first class	16	06	04	03	11
	Students Placed	10	14	16	14	14
	Average Pay package	3.5Lakhs	3Lakhs	3Lakhs	4.8Lakhs	4.8Lakhs
	Students opted for higher studies	5	3	2	3	3
	Accreditation Status of the Course	NBA Accredited: 2015-17, NAAC Accredited: 2017-22				
	Doctoral Courses	Nil				
	Foreign Collaboration	Nil				
	Professional Society Membership	<b>Faculty : ISTE, IEEE, CSI</b> <b>College : IEEE ,CSI,ISTE Student Branch</b>				
	Professional Activities	CSI Technical Symposium OVERLOAD C++				
	Consultancy Activities	Nil				
	Grants Fetched	AICTE STTP – Rs. 2.6L				
<b>I</b>	<b>DEPARTMENTAL ASSOCIATION ACTIVITIES(ISE Forum)</b>					
<b>Forum Logo</b>						
	The ISE forum “LOGO and TAG LINE” was released on 19 <sup>th</sup> October 2014					
<b>Donations</b>						
1	Alumni of 2013, 2014, 2015 Batch donated the text books for the department library.					
<b>Student Development Program</b>						
<b>AY 2019-20</b>						
1	SDP - Seminar on “ <b>Career Guidance &amp; Education Awareness Program</b> ”,25 <sup>th</sup> February 2020,Resource Persons Ms. Sayeda Sharifunissa, Mr. Prtik 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	<b>SDP on “Robotics process Automation”</b> , 15 <sup>th</sup> 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	<b>SDP on “Speed Mathematics”</b> , 13 <sup>th</sup> 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. Organized 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>	
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 Siddiq(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. 24th 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> -26th 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.Shagoufta 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 epartment 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. 23rd & 24th 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, 12th August 2016.
3	SDP on “Re-enforcement program on core” JAVA by Ms.Safa Albadri Senior Software Develper,IBM,Bangalore, 8th October 2016.
4	SDP on “Re-enforcement program on Data Stuctures with C” by Mr. Sikander Cranes Software Private Limited, 5th November 2016.
5	SDP on “Career Guidance” , Speaker Mr Jawad Ameen Senior Software Engineer at Customer Gauge,Amsterdam,Netherland, 25th 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, 6th-10th February 2017.
7	SDP on “Hackathon on Mobile App/ Game Development”, Resource Person Mr. Jome Jacob and Mr 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,Ms.RAVEENA M,Ms.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.
24	

<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 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 <b>VTU 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 andMs. 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 <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 State council for science and technology [KSCST] <b>State Level</b> , KSCST – 40 <sup>th</sup> 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 – 40 <sup>th</sup> 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>
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 Lmitied”</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 <b>“Technology for Women”</b> to enhance their motivational skill and get inspiration to join corporate.
4	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>
5	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>
6	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.
7	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>
8	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 on 12 <sup>th</sup> August 2016. The CSR Initiative and Design Thinking Challenge Create #TheWorldYouWantToLiveIn conducted at SAP Labs, Bangalore during International Youth Day.
9	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. Aaasha Sultana went to the industrial visit to the SAP LABS PRIVATE LTD, #138,EPIP Zone, Whitefield , Bangalore on 31 st August 2106.
<b>IV Students Achievements</b>	
<b>1</b>	<b>Students Publications</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.
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 Student Best Projects</b>	
1	Mariam Umer,Mayank Khan Singh Dsouza,Ayesha Noorain R and Lester Xess- <b>“WATER MINERALIZER” VTU Project Finance Assistance</b> for Innovative Final years Projects <b>State Level</b> Cash Prize Amount Rs. 5,000/-
2	Bi Bi Khatija,Harris K. R,M. Shaista Tarannum and Nida Sayedi- <b>“A Literature Survey on Child Safety Wearable Device”VTU Project Finance Assistance</b> for Innovative Final years Projects <b>State Level</b> Cash Prize Amount Rs. 5,000/-
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.Best Paper Award Certificate
4	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/-
5	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 Students Skilled NPTEL Online Certification Courses</b>	
1	Ms. Sarvath Saba, 4 <sup>th</sup> Semester completed the course on <b>“Ethical Hacking” with a consolidated score of 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” with a 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” with a 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 ” with a 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” with a 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” with a 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” with a 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” with a 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” with a 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%</b> on July-October 2019(12 week course)
11	Mr. Haithik chandrashekar, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a 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” with 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” with a 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” with 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” with a 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” with 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” with a</b>

	<b>consolidated score of 50% on July-September 2019(8 week course)</b>
18	Mr. Shashank .C, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 51% on July-September 2019(8 week course)</b>
19	Ms. Sheba Begum, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 46% on July-September 2019(8 week course)</b>
20	Ms. Sharavani D V, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 72% on July-September 2019(8 week course)</b>
21	Ms. Suraksha N, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 50% on July-September 2019(8 week course)</b>
22	Ms. Subblakshmi, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 60% on July-September 2019(8 week course)</b>
23	Ms. Soumya S, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 77% on July-September 2019(8 week course)</b>
24	Mr. Tajuddin S, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System” with a consolidated score of 54% on July-September 2019(8 week course)</b>
25	Mr. Abdullah Shareef, 5 <sup>th</sup> Semester completed the course on <b>“Python for Data Science” with consolidated score of 69% on August-September 2019(4week course)</b>
<b>4</b>	<b>Students Participation in Co curricular and Extra Curricular activities</b>
<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 on 8th March 2019 and secured 4th place scoring 300 points.</b>
<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 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 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 EVENTS ORGANISED</b>	
<b>Faculty Develop Programme Conducted</b>	
1	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 ).

2	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, Bangalore.
3	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.
4	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.
<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”, 15th -20th 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”, 5th-11th 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 18th 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,
11	Prof. Shagoufta Taskeen, Participated in “Cyber security Engineering in Academics”, 23 <sup>rd</sup> March 2019, at RV college of Engineering, Bengaluru.
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**AY 2017-18**

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 Januauy 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 Januauy 2018, at HKBKCE, Bangalore.
17	Prof.Shagoufta Taskeen, Participated in " System software and OS lab “,29th-31st Januauy 2018, at HKBKCE, Bangalore.
18	Prof. Farnaaz Khatoon, Participated in " System software and OS lab “,29th-31st Januauy 2018, at HKBKCE, Bangalore.
19	Prof. Soumya shree, Participated in “ Discrete Mathematical Structure”,27 July to 31 July 2018, at VTU regional Center ,Kalaburagi,
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 Mudelahalli.
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

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. Aaasha 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

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 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 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), Vol.9 / Issue-4/1754-1757/ April 2020, ISSN: 2249 – 8958
<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-IJRESM, volume 2, issue 4,Pages 225-229, April 2019, Impact Factor-4.308, DOI/ISSN-2581-5992.
2	Prof. Sharavana K-"Survey on Design of Bus Boarding Assist System For Blind Using IOT Technology" International Journal of Scientific Research & Engineering Trends( IJSRET)Vol 5, Issue 1/2343/-3432/ Jan-Feb 2019,ISSN:2343-2343
3	Prof.Asghar Pasha, A 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.
4	Prof. Chandanita Thakur, A Survey on Advance Walking Stick for Blind Assistance using IOT, International Journal of Research in Engineering, Science, and Management- IJRESM, volume 2, issue 5, Pages 58-61,May 2019, Impact Factor, DOI/ISSN-2581-5992.
5	Prof.Devisivasankari, " An effective approach for" International Journal of Information and computing Science-IJICS, 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-IJARIIT, 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, IJESIRD (Vol 4, Issue 7) Jan -2018, ISSN:2349-6185
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- IRJET (Vol 05 Issue 01) Jan -2018, ISSN:2395-0056,p-ISSN:2395-0072.
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 (IOSR-JCE)- Volume 20, Issue 3,Ver.4 May-June 2018 - ISSN:2278-0661,P-ISSN:8727.
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(IJARIIT), 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(IJIFR)- 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(IJRTER), 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.- Journal Medical Imaging and Health Informatics/American Scientific Publisher, vol.6/issue 7/1641-14/Nov 2016 [annex-1]- Print ISSN: 2156-7018 Online ISSN:2156-7026

**AY 2015-16(International Journal)**

Dr. Rajashekhar .M, Mohd. Mujeer ulla- Comparison of between and closeness centralities using incremental algorithms in dynamically growing networks- **IJACET-International Journal of Advanced Computing And Electronics Technology-** vol.3/issue 2/2016- Print ISSN: 2394-3408 Online ISSN:2394-3416

**AY 2015-16(International Journal)**

- |   |  |
|---|--|
| 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   |

**Research Grants**

AICTE has granted an amount of **Rs. 2.6 Lakh**, AQIS (AICTE Quality Improvement Scheme), **STTP(Short Term Training Program)** on “**Python and Mobile Application Development**”. The Program Coordinator **Dr. A Syed Mustafa. Professor and HOD-ISE and Staff.**

**Faculty Online FDP Attended AY 2019-20**

Name	Title FDP, Webinar, Online Certification Courses (NPTEL,Udemy, coursera,Skillscout er	Date- Month- year	Place/Host	Google Drive URL for certificate
Mr. Asghar Pasha	1. Webinar on “Business Intelligence and its Applications ”	5th May 2020	S.E.A College of Engineering and Technology, Bangalore- 560049	<a href="https://drive.google.com/drive/folders/1HoLP0IQCd9DjuYy1644bV6Pv5aboD8pa?usp=sharing">https://drive.google.com/drive/folders/1HoLP0IQCd9DjuYy1644bV6Pv5aboD8pa?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	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 <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1uKA5b7FUtmkQZ393vIH2qYCHHxiLEgeC/view?usp=sharing">https://drive.google.com/file/d/1uKA5b7FUtmkQZ393vIH2qYCHHxiLEgeC/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 <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 <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. <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  Approved by AICTE, New Delhi and Affiliated to VTU, Belagavi <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1wqNaU4cFvH_Wi8yrRVCsR4GeZIDVTMT2/view?usp=sharing">https://drive.google.com/file/d/1wqNaU4cFvH_Wi8yrRVCsR4GeZIDVTMT2/view?usp=sharing</a>
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	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 STUDIES(SMBS) NELLIMATTOM P.O.KOTHAMANGALA M-686693,KERALA,INDIA  <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1Ztl4LlGL5J_FtPW249X_B8pMhXnEQG/view?usp=sharing">https://drive.google.com/file/d/1Ztl4LlGL5J_FtPW249X_B8pMhXnEQG/view?usp=sharing</a>
	7.FDP On “ A DevOps approach: Dockers in Blockchain”:	17th -21st June 2020	AMC Engineering College, Department of Computer Science and Engineering, Bangalore.  <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/folders/1JnySINjIAfS_16Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/folders/1JnySINjIAfS_16Y0mx6tEoemejfV_m8E</a>
Ms.P. Devisivasankari	IEEE Reference management Tools	20th may 2020	IEEE Bangalore Section	<a href="https://tinyurl.com/yccer ny7">https://tinyurl.com/yccer ny7</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  <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1pkw8_Hh_AW6k9unGX9NENOEhOmGLC6Fe/view?usp=sharing">https://drive.google.com/file/d/1pkw8_Hh_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  <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.	<a href="https://drive.google.com/file/d/1if6xUjxLmmCzi3cGdoGuISY3tSZ8V02Y/view?usp=sharing">https://drive.google.com/file/d/1if6xUjxLmmCzi3cGdoGuISY3tSZ8V02Y/view?usp=sharing</a>

			<b>Participation Certificate</b>	
4. Webinar on “ Star AI X-Pert”	28th May,2020	Star Certification	<b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/14K6xFIJ2cKLkpA3mNo_QucOCvf3u5W9/view?usp=sharing">https://drive.google.com/file/d/14K6xFIJ2cKLkpA3mNo_QucOCvf3u5W9/view?usp=sharing</a>
5. Webinar on “The Future of Computing-Cloud and Fog Computing”	29th May,2020	Noorul Islam Center For Higher Education, Tamil Nadu	<b>Participation 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>
6. Webinar on “Business Intelligence and its Application”	05th June,2020	S.E.A. College of Engineering and Technology	<b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1ntGsJYt8qxcvyIze2MlsVj_12LZ2AXQI/view?usp=sharing">https://drive.google.com/file/d/1ntGsJYt8qxcvyIze2MlsVj_12LZ2AXQI/view?usp=sharing</a>
7. Webinar on “Ethical Hacking”	13th June, 2020	Sigma Institute of Engineering-Vadodara	<b>Participation 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>
8. Webinar on “Preparedness and Challenges of College Teachers in the Post Covid Era”	14th June,2020	Government First Grade College For Women, Balmatta, Mangaluru.	<b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/10PsWa_FGDz-ghaZSH2--Jolw-SPpDWTC/view?usp=sharing">https://drive.google.com/file/d/10PsWa_FGDz-ghaZSH2--Jolw-SPpDWTC/view?usp=sharing</a>
9. NPTEL Certification on “NBA Accreditation and Teaching-Learning in Engineering (NATE)”	Jan-April, 2020	NPTEL Online Certification	<b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1K_ncKRevyOI2xHICtZ4N0io1NqR7C7bu/view?usp=sharing">https://drive.google.com/file/d/1K_ncKRevyOI2xHICtZ4N0io1NqR7C7bu/view?usp=sharing</a>
10. Online Course on “Machine Learning”	23rd April,2020	Tata Steel ELearning Programing	<b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1bnMjNCW15tUpORjXVamxHQsOFuAy7vhZ/view?usp=sharing">https://drive.google.com/file/d/1bnMjNCW15tUpORjXVamxHQsOFuAy7vhZ/view?usp=sharing</a>
11. Online Course on “Advance Microsoft Excel”	29th April,2020	Tata Steel ELearning Programing	<b>Certificate of</b>	<a href="https://drive.google.com/file/d/15a-jwxFTVvk8_BYHuxRUuDp_dsQKEDaFQ/view?usp=sharing">https://drive.google.com/file/d/15a-jwxFTVvk8_BYHuxRUuDp_dsQKEDaFQ/view?usp=sharing</a>

			<b>Completion</b>	
	12. Online Course on “Intro to Data and Data Science”	15th April, 2020	365 Data Science <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1sPnwt1sqqZBumJyeEVieNO6OoJ0rwXWd/view?usp=sharing">https://drive.google.com/file/d/1sPnwt1sqqZBumJyeEVieNO6OoJ0rwXWd/view?usp=sharing</a>
	13. Online Course on “Data Visualization with Python”	12th April, 2020	CognitiveClassAI <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/18OA7Ean007TtAUt6bRlcUha0iwvY7Z7o/view?usp=sharing">https://drive.google.com/file/d/18OA7Ean007TtAUt6bRlcUha0iwvY7Z7o/view?usp=sharing</a>
	14. Online Course on “Python 101 for Data Science”	10th April 2020	CognitiveClassAI <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>
	15. Online Course on “Introduction to Data Science”	12th April, 2020	CognitiveClassAI <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>
	16. Online Course on “Data Analysis with Python”	14th April, 2020	CognitiveClassAI <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1-yI8mlrvb-A5MIIOXaZpE_DHqEGY7CAI/view?usp=sharing">https://drive.google.com/file/d/1-yI8mlrvb-A5MIIOXaZpE_DHqEGY7CAI/view?usp=sharing</a>
	17. Online Course on “Machine Learning with Python”	23rd April, 2020	CognitiveClassAI <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1HbWM0qqIOqUreYyvTzjipXvlJDwpDEdF/view?usp=sharing">https://drive.google.com/file/d/1HbWM0qqIOqUreYyvTzjipXvlJDwpDEdF/view?usp=sharing</a>
Mr. Sk Jamil Ahmed	18. 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 <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>

	19. Online Course on “Work-Life Balance and Impact of Remote Working”	26th April, 2020	Future Learn Conventry University  <b>Certificate of Achievement</b>	<a href="https://drive.google.com/file/d/1cqeaqfYdNLfsGsHTGzVyNckaPx6M-vFQ/view?usp=sharing">https://drive.google.com/file/d/1cqeaqfYdNLfsGsHTGzVyNckaPx6M-vFQ/view?usp=sharing</a>
	20. Online Course on “Python Bootcamp 2020 Build 15 Working Applications and Games”	4th April, 2020	Udemy  <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1hMISBEWTIHBkpD8EZBV9Jn5hvbuiOdIT/view?usp=sharing">https://drive.google.com/file/d/1hMISBEWTIHBkpD8EZBV9Jn5hvbuiOdIT/view?usp=sharing</a>
	21. Online Course on “Python for Absolute Beginners”	7th April, 2020	Udemy  <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>
	22. Online Course on “Machine Learning, Data Science and Deep Learning with Python”	15th May, 2020	Udemy  <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1ILObRk6N3OP3GhgRXM7PrADZi5nOGGw/view?usp=sharing">https://drive.google.com/file/d/1ILObRk6N3OP3GhgRXM7PrADZi5nOGGw/view?usp=sharing</a>
	23. Online Course on “Python for Data Science and Machine Learning Bootcamp”	23rd June, 2020	Udemy  <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/18FzZhpTc45hs-m38HLfU6Ln0wIMhCCeX/view?usp=sharing">https://drive.google.com/file/d/18FzZhpTc45hs-m38HLfU6Ln0wIMhCCeX/view?usp=sharing</a>
Mr. SK Jamil Ahmed	24. Online Quiz on “Covid 19- Awareness Quiz”	29th May, 2020	HKBK College of Engineering  <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>
	25. Online Quiz on “Test Your Knowledge with NBA Criteria’s”	31st May, 2020	MLR Institute of Technology, Laxman Reddy Avenue, Dundigal, Hyderabad 500043  <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>
	26. Online Quiz on “Python Programming”	15th June, 2020	Bharat Institute of Engineering and Technology, Approved by AICTE, Affiliated to JNTUH  <b>Quiz Certificate</b>	<a href="https://drive.google.com/file/d/1weDH_gJeXFU5M-ujhkPz5QKbTOHQDoB/view?usp=sharing">https://drive.google.com/file/d/1weDH_gJeXFU5M-ujhkPz5QKbTOHQDoB/view?usp=sharing</a>

Dr. Syed Mustafa	1. Webinar on “IOT Stack - End to End Security Considerations”	26th May 2020	Dept. of CSE, Cambridge Institute of 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_im3DhHnwJjGvhwqN46J/view?usp=sharing">https://drive.google.com/file/d/1Pz63UVX7wY8_im3DhHnwJjGvhwqN46J/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/1XoJx2pijQ3ctoSwslrLC_UeMC1-cXn1A/view?usp=sharing">https://drive.google.com/file/d/1XoJx2pijQ3ctoSwslrLC_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/1OgzrOC6CY75qHQSmK63JJXXp4iNjYv-s/view?usp=sharing">https://drive.google.com/file/d/1OgzrOC6CY75qHQSmK63JJXXp4iNjYv-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=1IstDmLzGxiHk2LFCH0O5x7UZxi7ey7dF">https://drive.google.com/open?id=1IstDmLzGxiHk2LFCH0O5x7UZxi7ey7dF</a>
Mrs.Rakheeba 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>
	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>
	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>
	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>

	5. One week FDP on next generation intelligence	20th -25th May 2020	-	<a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwvH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwvH4umLWd9Id</a>
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  Appreciation of Online Quiz Certificate	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a>
	2. Quiz on Knowledge on NBA criteria	31st May 2020	MLR Institute of Technology, Laxman Reddy Avenue, Dundigal,  Hyderabad 500043	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a>
	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/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a>
	4. FDP On “ A DevOps approach: Dockers in Blockchain”:	17th -21st June 2020	AMC Engineering College, Department of Computer Science and Engineering, Bangalore.  <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH</a>
	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. <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLQJdFmnH</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/1BYviq5GxiLCCU1KILMjsO3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsO3qiLQJdFmnH</a>
Mrs.Chandanita Thakur	1. NPTEL Certification on “NBA Accreditation and Teaching-Learning in Engineering (NATE)”	Jan-April, 2020	NPTEL Online Certification <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsO3qiLQJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsO3qiLQJdFmnH</a>
	2. NPTEL Certification on “Database Management System”	Jan-April, 2020	NPTEL Online Certification <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>
	3. Online Course on “Machine Learning”	25th April,2020	Tata Steel ELearning Programing <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>
	4. Online Course on “Advance Microsoft Excel”	31st May,2020	Tata Steel ELearning Programing <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>
	5.FDP On “ A DevOps approach: Dockers in Blockchain”:	17th -21st June 2020	AMC Engineering College, Department of Computer Science and Engineering, Bangalore. <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	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 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>
	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>
	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>
	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. <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>
	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>
	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,MANGAL ORE-575001	<a href="https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-">https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-</a>

	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/15S4D25N W4tAt3xwxnGUpdbAfz jD5ec4-">https://drive.google.com/drive/folders/15S4D25N W4tAt3xwxnGUpdbAfz jD5ec4-</a>
Ms. Aparna Nair M K	Online Training Program on Robotics Systems Design using Arm Based MSP432 Microcontrollers	17-19 June 2020	Texas Instruments India University Program in association with EdGate Technologies Pvt Ltd Bangalore	<a href="https://drive.google.com/file/d/1NrPUYIfDbD12bhhMTUgW2uO3kt_iDbkU/view?usp=sharing">https://drive.google.com/file/d/1NrPUYIfDbD12bhhMTUgW2uO3kt_iDbkU/view?usp=sharing</a>
	e-Quiz on “Fundamentals of Electronics and Communication Engineering”	31/5/2020	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_am7XNXKLtMJzJKIFwqYww2m9/view?usp=sharing">https://drive.google.com/file/d/172P_dUs_am7XNXKLtMJzJKIFwqYww2m9/view?usp=sharing</a>
Mahesha K	1. NPTEL Certification on “NBA Accreditation and Teaching-Learning in Engineering (NATE)”	Jan-April, 2020	NPTEL Online Certification <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/13CtILT6zgWZwNeiOxHJ_gjSYDTQxlp_O/view?usp=drivesdk">https://drive.google.com/file/d/13CtILT6zgWZwNeiOxHJ_gjSYDTQxlp_O/view?usp=drivesdk</a>
	2. NPTEL Certification on " Software Testing "	Jan-Feb, 2020	NPTEL Online Certification <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>
	3. NPTEL Certification on "Introduction to Internet of Things "	Jan-April, 2020	NPTEL Online Certification <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/13ETnjo-eSzlLG1sgHj79U4rVvq02duMa/view?usp=drivesdk">https://drive.google.com/file/d/13ETnjo-eSzlLG1sgHj79U4rVvq02duMa/view?usp=drivesdk</a>

<b>11 (f)</b>	<b>Name of the Department</b>	<b>Mechanical Engineering</b>
	Course	Bachelor of Engineering
	Level	UG
	1 <sup>st</sup> year of approval by the council	1997-98

<b>Academic Year</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>
Year wise sanctioned intake	<b>120</b>	<b>120</b>	<b>180</b>	<b>180</b>	<b>180</b>
Year wise actual admission	<b>112</b>	<b>116</b>	<b>104</b>	<b>73</b>	<b>30</b>
Students passed with distinction	<b>22</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>Awaited</b>
Students passed with first class	45	<b>41</b>	<b>36</b>	<b>30</b>	<b>Awaited</b>
Students Placed	21	19	13	<b>18</b>	<b>11</b>
Average Pay package					
Students opted for higher studies	2	1	4	<b>HR</b>	<b>HR</b>
Accreditation Status of the Course	<b>Accredited</b>	<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>
Professional Society Membership	Institute of Engineer				

<b>Funds received</b>	<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> <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>
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<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>• Expert Talk On <b>“Emerging Trends in Aeronautical and Aerospace Industries and Opportunity for Mechanical Engineers”</b> on 24th FEB 2020. Expert: DANISH ABDUL KHADER, TECHNO-COMMERCIALIST, S S TECHNOLOGIES, Near Yeshwanthpur Metrostation, Bengaluru, Karnataka 560022. Ph: 08310639969.</li> <li>• Expert Lecture on <b>“Product Development and Career Guidance”</b> on 11/09/2019, Expert: K.Kishore Babu, CEO, ProDes, Product design as professional design, Bengaluru.</li> <li>• Expert talk on <b>“Drug Awareness and Prevention Programme”</b> on 18/09/2018. Speaker: Kala Krishnaswamy, IPS, DCP, North Bangalore.</li> </ul> <p><b>Industrial Visits:</b></p> <ul style="list-style-type: none"> <li>• Industrial trip to <b>“KADRA HYDEL POWER PLANT”</b> On 27/09/2018.</li> <li>• Industrial trip to <b>“RAICHUR THERMAL POWER PLANT”</b> On 26/09/2018.</li> <li>• Industrial visit to <b>“MOTHER DIARY”</b> on 10/05/2018.</li> <li>• Industrial visit to <b>“TITAN INDUSTRY”</b> on 21/04/2018.</li> <li>• Industrial visit to <b>“BANGALORE DIARY”</b> on 18/04/2018.</li> <li>• <b>“Open Day Exhibition at IISc”</b> on 10-03-2018.</li> <li>• Industrial visit to <b>“BIEC”</b> on 24/02/2018.</li> <li>• Industrial visit to <b>“KGTTI”</b> on 15/02/2018 to 16/02/2018.</li> </ul> <p><b>FDP/SDP Organized:</b></p> <ul style="list-style-type: none"> <li>• One Week FDP on Recent <b>“Trends in Renewable Energy Systems”</b> 28th Jan to 3rd Feb 2020.</li> <li>• Two-Day SDP On <b>“AUTONOMOUS ROBOTICS”</b>, 13th and 14th September 2019.</li> <li>• 3 Weeks Induction Program For 1st Year Students, 1st Aug 2018 to 18th Aug 2018.</li> <li>• SDP ON <b>“STIMULATING ENTREPRENEURSHIP SKILLS”</b> 16/02/2018.</li> <li>• FDP- on CAMD - <b>“Computer Aided Machine Drawing”</b> 10<sup>th</sup> to 12/08/2016.</li> <li>• 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.</li> </ul> <p><b>Social Awareness Program:</b></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• <b>“Drug Awareness and Prevention Programme”</b> on 18/09/2018- Chief Guest: Kala Krishnaswamy, IPS, DCP, North Bangalore.</li> </ul>
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**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 compitation.
- **“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).

**Events Attended****Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:**

1. Five days FDP on “OUTCOME BASED EDUCATION AND NBA ACCREDITATION” at RMSIT-20 TO 24 January 2020.
2. FDP On Advances in Mechatronics System, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT-16-07-2019 To 20/07/2019.
3. 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.
4. FDP on methods of competition in fluid flow-An Industrial Approach, SJCIT, Chikkaballapur-28th Jan to 1st Feb 2019.
5. One day Workshop on E resources for Academic Excellence, GCE, Bangalore- 9th Feb 2019.
6. 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.
7. “ IEEE IPR Workshop 2018” VTU, Belgaum on 25/08/2018.
8. Structural Analysis and FEA validation of truss type fuselage of rear part of aircraft using CFRP ,AIT College, Bangalore on 18th to 19th SEP 2018.
9. Workshop on all India seminar on Engineering insight into design and Testing of Aircraft Engine Components, AIT, Bangalore-18th to 19th sep 2018.
10. Workshop on AICTE Model Curriculum, BMSCE, Bangalore- 12/3/2018.
11. FDP on Non, Conventional Energy Sources, MCE, Hassan-9th to 13th April 2018.
12. 5 days FDP on CBCS Based Curriculum development towards autonomy.HKKBKCE, Bangalore-11th, 12th 2017 and Dec 23rd to 25th Jan 2018
13. Structural Analysis and FEA validation of truss type fuselage of rear part of aircraft using CFRP, M.S Engineering College, Bangalore-May 22nd 2018.
14. Industrial consultancy research and incubation in academic institution, SVCE Bangalore-11th and 12th Oct 2017.
15. One week FDP Programme on Processing of Materials, Material Characterization and Testing, MSRIT, Bangalore-16th to 21st Jan 2017.
16. Two Weeks FDP on FEM and Stress analysis, CIT, Bangalore - 22nd Jan to 3rd Feb 2018.
17. Simulation Modelling and analysis of Manufacturing System., JSSATE, Bangalore-08th to 12th January 2018.
18. Two days FDP on- Recent advances materials, Manufacturing and sustainability, DSCE, Bangalore-2nd to 3rd Feb 2018.
19. FDP on Modern Materials and their applications, BNMIT, Bengalure-16th to 20th Jan 2018.
20. One day Workshop on CIM , AIT, Bengaluru-23rd March 2018.
21. One Week FDP on Pedagogy Training on Technical Education, VTU-HRDC, Chikkaballapur-16th to 20th Jan 2018.
22. An Overview on Teaching Techniques in ATD, VTU CPGS Muddenhalli-22nd to 26th January 2018.
23. Cyber security and Forensics , HKKBKCE, Bangalore-9th and 10th January 2018.
24. Two Days Workshop on MOODLE, VTU, Belahavi-24th to 25th April 2018

25. Pedagogy training in technical education, VTU CPGS Muddenhalli-16th to 20th January 2018
26. Workshop On Moodle, HKBKCE, Bangalore-24th to 25th April 2018.
27. Hands on Training on FEAST (Analysis Software), Analysing the Structure, Acharya Institute of Technology, Bangalore-28th October 2017.
28. One Day Technical Workshop on FEAST from ISRO, AIT, Bangalore-28th OCT 2017.
29. FDP on “Quality Enhancement Initiatives for CBCS in Engineering and Educational Institution on 22/04/2017 at Khaja Banda Nawaz College of Engineering , Gulbarga.
30. Two Days workshop on Taxonomy and course outcomes, VTU Regional Office, Bangalore-23rd to 24th Jan-2017.
31. One week FDP on “ Processing of Materials, Material Characterization and Testing” from 16th to 22nd 21/01/2017 at MSRIT, Bangalore.
32. National Workshop On Acceradation in Technical Education., JSSATE, Bangalore-24th to 26th August 2016.
33. Two week Faculty Development Program on 3M- Modeling, Materials and Manufacturing, BMSCE, Bangalore-13th to 23rd Dec 2016.
34. One Week FDP on Processing of Materials, Material characterization and testing, RMSIT, Bangalore-15th to 21st Jan 2017.
35. Short-term Course on Design Nuances in Incompressible and compressible flow Turbo Machines-IISc, Bangalore -17th to 21st Oct 2016.
36. Workshop on Accreditation for Technical institutions, JSSATE, Bangalore-26th to 27th Aug 2016.
37. National Symposium on shock waves, KITS, Coimbatore-25th -26th Feb 2016
38. Two days FDP on “ Design of Experiments and Optimization Techniques” on 3rd & 4/03/2016 at Sir.M.Visvesvaraya Institute of Technology, Bangalore.
39. Two day National Level seminar on smart Materials and Its application, MSRIT, Banaglore-21st to 22nd Dec 2015
40. Two days workshop on Advances in Mechanical Measurements” on 29th & 30/01/2016 at Vemana Institute of Technology, Bangalore-34, Vemana Institute of Technology, Bangalore-34 on 29th & 30/01/2016
41. Two day National Level seminar on smart Materials and Its application, MSRIT, Banaglore-21st to 22nd Dec 2015
42. 3 days workshop on Research Methodologies and latex, JSSATE, Bangalore-26th to 28th May 2016.
43. Two days workshop on subject based Pedagogy on ATD , VTU, Mysuru-8th to 9th Feb 2016.
44. 3 days FDP on Introduction to Latex, HKBKCE Bangalore-28th to 30th Jan 2016.
45. 2 days workshop on Advanced Tribology, BU, Bangalore-22nd to 23rd May 2015.
46. One week FDP on Industry Institute interaction A productive interface between academia and industry, HKBKCE, Bangalore-21st to 26th Dec 2015
47. One Day Workshop on Financial Planing on uncertain Future by SEBI, HKBKCE, Bangalore-21st Nov 2015.
48. One day workshop on financial Planning for uncertain Future, HKBKCE, Bangalore-21st Nov 2015.
49. One day workshop on Nano Materials, VTU Regional Office, Bangalore-14th DEC 2015.

<b>Higher Education</b>	<b>Faculties pursuing Ph.D</b>
	<ul style="list-style-type: none"> <li>• Tajuddin Yezdani</li> <li>• Salim Sharieff</li> <li>• Nadeem Pasha K</li> <li>• Harish H</li> <li>• Younus Pasha</li> <li>• Ramachandra Kulkarni</li> <li>• Fathima Parveen</li> </ul>

<b>Academic year:-2019-2020</b>
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
<b>Academic year:-2018-2019</b>
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
Nehal Ahmad, Mahaboob Tabriz B, Pavan Kumar D, Design and Fabrication of multifunctional Treadmill, Innovation in engineering science, Technology and management. 3 & 4 May 2019
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
Harish H, Extraction of Biodiesel from Tung Seed Oil and Evaluating the Performance and 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.
Younus Pasha, Experimental Analysis of Fuel Properties And Engine Behavior With Pongamia Seed Oil As Biofuel, Innovation in engineering science, Technology and management. 3 & 4 May 2019
<b>Academic year:-2017-2018</b>
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 Analysys of E250 Quality Br Under Diverse Quenching Media, International Journal is Engineering research and applications. ISSN: 2248-9622
Tansif Khan, Lead Time Production in Manufacturing of Fuel injection pump Element, ICRRETMCE-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, ICRRETMCE-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.
<b>Academic year:-2016-2017</b>
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 Zakaulla, 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 Matric 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.
<b>Academic year:-2015-2016</b>
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 1stNational 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 1stNational 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 1stNational 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.

<b>Awards &amp; Rewards</b>	Dr. Muzzamil Ahmed member of BOE from 2017- to 2019.
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**HAZRATH KHWAJA KHUTUBUDDIN  
BAKHTIAR KAKI (HKBK) COLLEGE OF  
ENGINEERING**

**Department of Civil Engineering**

**Mandatory Disclosure**

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

### 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

- |   |  |
|---|--|
| 1 | Industrial trip to “A visit to Ready Mix Concrete (RMC) – Gunite plant at Yelahanka, 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.   |
| 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	The dept. of Civil Engineering and Dept of Chemistry, HKBK CE conducted one day FDP on Research methodology on <b>26/10/2019</b>
2	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	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>Technical and Cultural Events</b>	
1	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	Mr. Mohammed Umair 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.
2	Mr. Mohammed Umair have attended a 5 Days FDP on “Strength of Materials” at VTU PG Center, Chikkaballapur from 07 September 2019 to 11 September 2019
3	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
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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
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
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
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	Moghal A.A.B, Mohammed S.A.S. A. Almajed 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)
2	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)
3	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)
4	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)
5	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)
6	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.
7	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)

8	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)
9	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.
10	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.
11	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.
12	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.
13	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
14	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.
15	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
16	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
17	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

18	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.
19	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
20	Syed Abu Sayeed Mohammed, Maya Naik. 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)
21	Syed Abu Sayeed Mohammed, Maya Naik. Sanaulla P.F, Zulfiqar Ahmed 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	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.
5	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
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6	Effect of nano calcium silicate to retain nickel in a contaminated soil around a steel plant. Syed Abu Sayeed Mohammed, Sanaula 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	Sanaula 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.
14	Syed Abu Sayeed Mohammed, Mayanaik, Sanaula, “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 2019-20

Name	Title FDP, Webinar, Online Certification Courses (NPTEL,Udemy, coursera,Skillsco uter	Date	Place/Host
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
	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
Mrs. Rashmi Dandavati	Data Science	26.05.2020-30.05.2020	Fr. Conceicao Rodrigues College of Engineering, Mumbai
Mr. Mohammed Umair	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 Urbanisation 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
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 , Hydrebad
	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
	Refrigerents 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
	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
	GEO - ICT Application for Smart Cities	01.06.2020	Cambridge Institute of Technology
	Demolition of Living Structures	16.06.2020	SCMS School of Engineering and Technology,Kerala
	Recent Advancement in Civil Engineering	24.06.2020 to 26.06.2020	CMRIT Institute of Technology,Bangalore

Mr. Aman Biradar	Advance Technologies in civil engineering	15.06.2020 to 19.06.2020	Ghausia college of Engineering
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### Books Published /Book chapters

1	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 August 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	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	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)

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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<b>11 (f)</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			

<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” <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 Android controlled Robotics on 15<sup>th</sup>&amp; 16<sup>th</sup> March 2016 In association with Wingfotech, New Delhi &amp; IIT Madras.</b></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 “KGTTI” 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</li> </ol>
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2019.

<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 oOnline FDP 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, Banglore 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>

<b>Referred Journals</b>	<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 PMLDC Motor drive for EV Applications</b>” IRJET- Volume: 06 Issue: 12   Dec 2019 e-ISSN: 2395-0056</li> <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 ,”<i>Optimal Design of Unequal Conductor Spacing In Grounding Grid by Modern Computational Intelligent Techniques,</i>” 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 “<i>Optimal Grounding Grid Design for Substation and its Analysis</i>”, ISSN: 2249 – 6297, Vol. 7, No. 2, July-December 2018, pp. 84-89.</li> <li>5. M. Soni and Abraham George “<i>Analysis of unequal grid spacing in grounding grid design by two novel techniques and comparison of both</i> ”, Journal Of Advanced Research In Dynamic And Control System, Volume 11, 02-Special Issue. PP.78-87, April 2019</li> <li>6. Ubaidulla, .Malashree G “ <b>AC-DC-DC Converter for Intermittent Wind Energy</b>”, International Journal of Research and Scientific Innovation (IJRSI)   Volume V, Issue XII, December 2018   ISSN 2321–2705</li> <li>7. Afroz Pasha “<b>Design And Implementation Of Hybrid Regenerative Smart BLDC Motor Drive Electric Vehicle</b>” Vol-4 Issue-3 2018 IJARIE-ISSN(O)-2395-4396 Prof.</li> <li>8. Hemalata K “An improved Inter line UPQC with <b>FLC for compensation of Voltage &amp; Current distortions in adjacent feeders</b>”, IEEE International Conference MANIT, Bhopal, December, 2016 International.</li> <li>9. Prof. Ubaidulla &amp; Prof. Malashree G, “<b>Renewable based Smart home control using modern technology</b>”, International Journal of Research and Scientific Innovation (IJRSI)   Volume IV, Issue VIS, June 2017   ISSN 2321–2705, International.</li> <li>10. Prof. Ubaidulla and Prof. Malashree G “<b>Study and Analysis of DC – DC Step down Converter</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>All time medicine counter for medicine self-dispensing for public</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>
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<b>Conferences</b>	<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>
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# **HAZRATH KHWAJA KHUTUBUDDIN BAKHTIAR KAKI (HKBK) COLLEGE OF ENGINEERING**

**Department of Electronics and Communication**

**Mandatory Disclosure**

1	<b>Name of the Department</b>	<b>ELECTRONICS &amp; COMMUNUCATION ENGINEERING</b>				
	<b>Course</b>	<b>B.E</b>				
	<b>Level</b>	<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>
		180	180	180	180	180
	Year wise Actual Admission	116	116	129	133	119
	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	
	Students passed with first class	38	13	14	27	
	Students Placed		38	37	34	44
	Average Pay package				4.9 lakh	5 lakh
	Students opted for higher studies		4	4	3	
	Accreditation Status of the Course	NBA,NAAC : B				
	Doctoral Courses	No				
	Foreign Collaboration	No				
	Professional Society Membership	<b>Faculty : ISTE, IEEE, College : IEEE,ISTE Student Branch</b>				
	Professional Activities	Yes				
	Consultancy Activities	NO				
	Grants Fetched	NO				

## **I DEPARTMENTAL ASSOCIATION ACTIVITIES**

### **FDP/SDP/Workshop/Guest Lectures organized**

#### **AY 2019-20**

1	Android and iOS Application Development using Appery on 23-08-2019 to 24-08-2019
2	FDP on Electronic devices and instrumentation analysis using OrCAD PSPICE – A hands on approach from 27-08-2019 to 28-08-2019
3	Guest Lecture on Tera Hertz GaN Impact Oscillator on 10-04-2019
4	Knowledge to Wealth: Intellectual Property and Technology Licensing on 13-09-2019
5	Technical Symposium :RE-IGNITE 2019 Under IEEE on 11-07-2019
6	IEEE Student chapter Inauguration on 14-09-2019
7	SDP on “Group discussion and Mock interview” on 02-09-2019
8	Guest Lecture on Lecture on Deep Learning by Prof.Kusumika Krori Dutta from MSRIT on 17/10/2019
9	Career guidance program in association with AECC Global on 13-11-2019

<b>AY 2018-19</b>	
1	SDP on “Industry college connect” on 29/9/18
2	Workshop on “Model Making using Advanced Robotics” in association with Nano Embed Technologies(A) on 04-06-2018
3	FDP on “Use of Microsoft excel” on 28-3-2019 and 29-3-2019
4	Internship awareness lecture by VI Solution on 14-5-19
5	3 days FDP on “ Industrial IoT using Labview- A hands on approach” on 15-2-2019 to 17-2-2019
6	SDP on Industrial Automation & IoT on 19/02/2019- 21/02/2019
7	SDP on Networking & Its Applications on 14/02/2019-18/02/2019
8	SDP on Group Discussion & Mock Interview on 09/02/2019
<b>AY 2017-18</b>	
1	Workshop on “Model Making using Advanced Robotics” in association with Nano Embed Technologies(A) on 06-04-2018 and 07-04-2018
2	SDP on Group Discussion 28-2-2018
3	SDP on “Hybrid Mobile App Development” on 26-2-2018 and 27-02-2018
4	SDP on “Learn Python-A Practical way” 17-2-2018 and 18-02-2018
5	Two Days SDP on “Arduino Architecture Programming & Interfacing” 8-2-2018 and 9-2-2018
6	SDP on “Project documentation using LATEX” on 2-2-2018 and 3-3-2018
7	Learn Python –A practical way : SDP conducted on 17/02/2018 and 18/2/18
8	FDP on “Labview” on 10-11-2017
9	Extended lecture on “Applications of Control System” on 25-05-2018
10	Technical talk on Embedded Systems, Automotive Electronics & IOT on 04-04-2018
11	Extended lecture on “Telecom – Basics, Latest and upcoming Technologies” 17-2-2018
12	Extended lecture and an Industry Interaction program on “Development of IoT using Raspberry Pi & Python” 14-11-2017
13	Extended lecturer on “Creative Thinking Customer Experience Management & Facing An Interview” 11-11-2017
14	Address by Edgate Technology, Texas Instruments, 9-4-2017
15	FDP on Wireless Communication Using NS2 Tool 29th to 31st January 2018 HKBK collage of engineering

16	Extended Lecture on “Network security in Real time application” on 03/05/2018
17	Extended lecture on “GSM Architecture and Protocol” on 3/03/2018
18	Extended lecture on “How to think as an Entrepreneur” on 07/11/2017
19	Extended lecture on “Introduction & Insight on Python Programming” on 16/09/2017
<b>AY 2016-17</b>	
1	2 days workshop on “ Advanced Embedded Systems using ARM7” on 2-11-16 to 4-11-16
2	2 days FDP on “Research Methodologies, incubation and patenting” from 29-6-17 to 30-6-17
3	SDP on “Analog System design using ASLK PRO” from 28-9-2016 to 29-9-2016
4	Lecture on “ Commutation Techniques” on 4-11-2016
5	Lecture on “Practical applications of Image processing using MATLAB” on 10-16-2017
6	Lecture on “Optical Communication” on 10-05-2016
7	Lecture on “Electronic Instrumentation” on 10-03-2016
8	Lecture on “ C, C++, and Data structure” on 27-8-2016
9	Extended Lecture on “Error Control Coding & its Applications” on 25/10/2016.
10	Extended lecture on “Trends, Scope and opportunities in Signal Processing” on 24/10/2016
11	Extended Guest Lecturer on “Impact & importance of IoT” on 6/10/2016
12	Extended lecture on “Recent Trends in Electrical and Electronic Engineering” on 6/10/2016
<b>AY 2015-16</b>	
1	Guest Lecture on “EMI” on 02-11-15
2	SDP on “ROBOAVR” from 16-4-16 to 18-4-16
3	FDP on “Analog & Digital Electronics and Data Structures With C Laboratories” HKBKCE 21st - 25th July 2016
4	Extended Lecture on “Antenna- basics” on 19/04/2016
<b>II</b>	<b>FDP/SDP/Workshop/Guest Lectures Attended</b>
<b>AY 2019-20</b>	
1	Mrs. Nayana Hegde attended FDP/workshop on Cyber Physical Systems at MSRIT on 6-11 Jan 2020

2	Mrs. Anees Fathima, Mrs. Rashmi Rani S attended FDP/workshop on Advances in Smart System Engineering at CIT on 16-28 December 2019
3	Mrs. Kehkeshan J, Mrs. Harsha K, Mrs. Naazneen M.G , Ms. Khamar Fathima attended FDP/workshop on 5G Communication Networks and its Future Perspective at MSRIT on 6-11 Jan 2020
4	Mr. Yogananda attended FDP/workshop on An Overview of teaching techniques in Probability and Statistics at VTU-PG Muddenahalli on 6-10 Jan 2020
5	Mr. Abdul Azeez attended FDP/workshop on Probability and Statistics at BMSIT on 1-5 Jan 2020
6	Mrs. Zahira Tabassum attended FDP/workshop on Understanding 4G/5G Communication Systems at VTU office Bangalore on 28/11/2019
7	Mrs. Zahira Tabassum attended FDP/workshop on Smart Technologies-ICT, Automation and Power Electronics Applications in Integration of Renewable Energy Resources and Smart Grids at Dayanand sagar University on 20 jan-1 st Feb 2020
8	Mrs. Nikhath Tabassum Outcome based Education attended FDP/workshop on at MSRIT on 20-24 jan 2020
9	Ms. Noorain Zeba, Mrs. Neha Kumari, Dr.Maz Ahmed attended FDP/workshop on An Overview of teaching techniques in Microcontroller and Embedded Systems at VTU-PG Muddenahalli on 20-24 jan 2020
10	Mrs. Rashmi Rani S , Mohammad Jebran P attended FDP/workshop on Machine learning and Deep Learning with Python at BMSCE on 20-25 jan 2020
11	Dr.Pradeep Kumar attended FDP/workshop on Non-linear Biomedical Signal Processing at MSRIT on 4-11 Jan 2020
12	Mr. Abdul Azeez attended FDP/workshop on IEEE Authorship at UVCE on 14 <sup>th</sup> Jan 2020
13	Mrs.Kehkeshan Jallal S attended FDP/workshop on Faculty Development Program for Student Induction at SVCE Bangalore on 23-29 July 2019
14	Mr.Jebran M P, Mrs.Zahira Tabassum , Mrs.Sufia Banu, Mr. Surendra K.V attended FDP/workshop on Skill development program at Jain University on 21-22 June 2019
15	Mrs.Nikhath Tabassum attended Workshop on Deep learning at IISC Bangalore on 17 August 2019
16	Ms. Syeda Husna Mohammadi attended FDP/workshop on Workshop on Advanced Embedded Systems & IOT using Texas Instrumentation Board at BMSIT on 27 <sup>th</sup> to 31 <sup>st</sup> January 2020
17	Mr. Surendra K.V attended FDP/workshop on HAM Radio and Regulations at Indian Institute of HAMs on 4/8/2019

18	Mr. Surendra K.V attended FDP/workshop on Effective teaching techniques on Digital Signal Processing at AICTE-VTU Joint Training Programme for teachers on 26 <sup>th</sup> to 30 <sup>th</sup> August
19	Mrs. Naazneen M.G , Ms. Khamar Fathima , Mrs. Shireen Fathima , attended FDP/workshop on Image Fusion and multimodal imaging fundamentals to advanced at MSRIT on 15 <sup>th</sup> to 20 <sup>th</sup> July 2019
20	Ms.Syeda Husna Mohammadi, Mrs. Nida Maheen attended FDP/workshop on Role of Blockchain and Artificial Intelligence in Applications of Cyber Security at MSRIT on 22 <sup>nd</sup> to 26 <sup>th</sup> July 2019
21	Prof. sufia Banu attended FDP/workshop on Physical Design and its Verification at Acharya Institute of Technology on 22 <sup>nd</sup> to 26 <sup>th</sup> July 2019
<b>AY 2018-19</b>	
1	Dr. Maaz Ahmed attended workshop on The Internationalization of Higher Education : A Paradigm Shift Dr. Ambedkar institute of Technology 18th Dec 2018
2	Dr. Maaz Ahmed attended workshop on A Practical Implementation of Iot using Python & Raspberry Pi Ism. University 19th Jan 2019
3	Prof.Abdul Azeez workshop on National Level Research workshop on 23rd -25th, Jan 2019, SJB Institute of Technology
4	Prof.Nikhath Tabssum, Prof. Rashmi Rani S, Prof. Remya Ramesan, workshop on Connecting LabVIEW to Industrial IoT- A hands on approach, from 28th Jan to 1st Feb. , 2019 at Ramaiah Institute of Technology.
<b>AY 2017-18</b>	
1	Prof. Zahira Tabassum attended FDP on “Research frontiers in advanced networking, security and IoT”, 23rd Dec.,2017, New Horizon College of Engineering
2	Prof. Nikhath Tabassum ,Prof. Abdul Saleem, Prof. Sufia Banu, Prof. Mohammed Jebran .P, Prof. Shireen Fathima attended workshop on Virtual Antenna, Reva University, 9 <sup>th</sup> Feb. 2018
3	Prof. Abdul Saleem, Prof. Mohammed Jebran .P, attended workshop on 5G Wireless Tech. and Wireless Comm. Far beyond 2020, 10 <sup>th</sup> Feb. 2018, Reva University
4	Prof. Abdul Saleem attended workshop on Recent trends in small satellite development, 9 <sup>th</sup> Feb. 2018, Reva University
5	Prof. Khamer Fathima ,Prof. Shaik Imam . Prof. Surendra kv, Prof. Sumaya Fathima, Prof. Sufia Banu, Prof. Naazneen M. G, Prof. Subiya Yaseen, Prof. Shireen Fathima attended FDP on CBSC and its applications at APS college of engineering 16th –Feb-2018
6	Prof. KehkeshanJallal, Prof. Harsha Karamchandani attended FDP on ARM CortexM3, 4th to 6th january2018, Cambridge Institute of Technology
7	Prof. Shaik Imam, Prof. Naazneen M. G attended Workshop “MOODLE”24TH AND 25TH April,2018 HKBK College of Engineering

8	Prof. Nida Maheen ,Prof. Nikhath Tabasssum , Prof. Shaik Imam, Prof. Khamer Fathima. Prof. Naazneen M. G, Prof. Sumaya Fathima, Prof. Shireen Fathima, attended FDP on “Lab View” 10th to 11th October 2017, HKBKCE
9	Prof. Shaik Imam attended FDP on “IoT system Design using RPI and Data Analytics “ Ramaiah Institute of technology 16th -21st January 2018
10	Prof. Subiya Yaseen, Prof. Syeda Husna Mohammadi attended FDP on Personal Education series by Team Amored Spirit 10th March 2018 HKBK college of engineering
11	Prof. Sumaya Fathima, Prof. Naazneen M. G, Prof. Shireen Fathima, attended Workshop on Advances in communication networks using network simulator NS3, 11th to 16th Dec. 2017, Rararajeshwari college of Engineering
12	Prof. Sumaya Fathima attended Workshop on New Model curriculum for first year BE as per OBE, at MSRIT on 14th May, 2018
13	Prof. Nikhath Tabasssum ,Prof. Mohammed Jebran .P, Prof. Shireen Fathima attended workshop on Recent Trends in Small Satellite Development 9th &10th February 2018, Reva university
14	Prof. Nikhath Tabasssum ,Prof. Mohammed Jebran .P, Prof. Saiqa Khan N attended FSP on “IoT system Design using RPI and Data Analytics “ RAMAIAH Institute of technology 16th -21st January 2018
15	Prof. Shireen Fathima, Prof. Sufia Banu, Prof. Khamer Fathima attended FDP on Wireless Communication Using NS2 Tool 29th to 31st January 2018 HKBK college of engineering
16	Prof. Shireen Fathima, Prof. Roshini Supriya attended FDP on “Advanced control system Design for power & energy Applications” Manipal Intitute of Technology 23rd November-7th December 2017
17	Prof. Khamer Fathima, Prof. Nida Maheen attended FDP on “Advances and Developments With EDA Tools in Embedded & communication Design for Researchers” Sri Venkateshwara college of engineering 11th to 23rd Dec, 2017
18	Prof. Nikhath Tabasssum attended workshop on The Sixth Wave of Innovation (6Wol) 7 <sup>th</sup> July 2018, IEEE, Iisc Student Branch
19	Prof. Nikhath Tabasssum attended workshop on IOT Application Develoipment on 24 <sup>th</sup> – 25 <sup>th</sup> Nov 2017, IEEE, Iisc Student Branch
20	Prof. Nikhath Tabasssum, Prof. Nida Maheen attended FDP on CBCS Based Curriculum Development towards Autonomy” 11 <sup>th</sup> ,12 <sup>th</sup> December 2017 and 23rd ,24 <sup>th</sup> ,25 <sup>th</sup> January 2018, HKBKCE
<b>AY 2016-17</b>	
1	Prof. Shaik Imam attended FDP on “Research Methodologies, Incubation & Patenting on 29th - 30th jun 2017, HKBKCE

2	Prof. Shaik Imam attended FDP on “Latex” 22nd -26th Jun 2017, HKBKCE
3	Prof. Nazneen M. G. attended FDP on “Latex” 22nd -26th, Jun 2017, HKBKCE 2017, HKBKCE
4	Prof. Nazneen M. G. attended FDP on Research Methodologies, Incubation & Patenting 29th -30th jun 2017, HKBKCE
5	Prof. Sumaya Fathima attended a workshop at Edgate Technologies Pvt Ltd, 2/08/2016
6	Prof. Sumaya Fathima attended FDP on “Latex” 22nd -26th, Jun 2017, HKBKCE 2017, HKBKCE
7	Prof. Shireen Fathima attended FDP on “Latex” 22nd -26th, Jun 2017, HKBKCE 2017, HKBKCE
8	Prof. Shireen Fathima attended FDP on “Research Methodologies, Incubation & Patenting on 29th -30th jun 2017, HKBKCE
9	Prof. Nikhath Tabassum attended FDP on “Intellectual Property Rights” ,Reva University, Bangalore 16th Dec 2016
10	Prof. Nikhath Tabassum attended workshop on “Art of Writing Research Papers and Project Proposals”, Reva University Bangalore 25th march 2017
11	Prof. Nikhath Tabassum attended workshop on “ Research Methodology & LaTeX Documentation”, Reva University, Bangalore 9th&10th Jan 2017

### **AY 2016-17**

1	Prof. Zahira Tabassum attended workshop on “Financial Planning for Uncertain Future” at HKBKCE on 21st Nov 2015
2	Prof. Shaik Imam attended FDP on “Machine Learning NLP and IOT Using Momentum With Hands on Training” at HKBKCE on 27th -31st 2016

### **III Industrial Visit**

#### **AY 2019-20**

1	Industrial Visit to BHEL ( Malleshwaram ) on 26-09-2019
2	Industrial Visit to BHEL( Mysore Road) on 26-08-2019
3	Industrial Visit to MCF-ISRO,HASSAN on 16-9-2019
4	Industrial Visit to Dell Industries on 16-9-2019

#### **AY 2018-19**

1	Industrial visit to Nokia R&D labs on 13/04/2019
2	Industrial visit to Infosys, Mysore on 13/11/2018

3	Industrial visit to BHEL, Mysore road Bangalore on 24/09/2018
<b>AY 2017-18</b>	
1	BSNL, Mysore on 11-04-18
2	HAL Heritage centre & aerospace museum Bangalore on 9/04/2018 and 7/4/18
3	ISRO, Bangalore on 09-11-17
4	BHEL, Bangalore on 31-10-2017
<b>AY 2016-17</b>	
1	Industrial visit to BHEL on 26-10-2016
<b>AY 2015-16</b>	
1	Industrial visit to Rail Wheel Factory on 1-8-2015
2	Industrial visit to Rail Wheel Factory on 08-08-15
3	Industrial visit to BSNL on 30-9-15
4	Industrial visit to BSNL on 21/10/15
<b>IV</b>	<b>Students Achievements</b>
<b>AY-2018-19</b>	
1	Akshay P presented a paper titled “Biconnectivity of Robots using IoT and ANN” in Technical Festival held at Sir M Visvesvaraya Institute Technology, Bangalore, India on 29th October, 2018. Won First Prize & cash prize of Rs. 1000/-
2	Chandana A. Ramesh participated in the event ‘Heads or tails ‘at two day Tech fest, Aavishkar at MSRIT on 6 <sup>th</sup> -7 <sup>th</sup> October 2018. Won 2nd Prize
3	Mohamed Arshad participated in N3PE 2019 and has exhibited a projected titled “Envision pentaxis organ printer” on 16 <sup>th</sup> and 17 <sup>th</sup> May 2019 at AMC engineering college Bangalore.
4	Almas Khalid hussain and Amthul Nusrath has been awarded for Best project(2 <sup>nd</sup> prize) in the 4 <sup>th</sup> national level project competition “IEEE project EXPO-2019.At GSSSIT Mysore on 29 <sup>th</sup> April 2019
5	Almas Khalid hussain has secured 1 <sup>st</sup> prize in the project exhibition with title “Envision pentaxis organ printer” as part of National conference held at RVCE Bangalore on 17 <sup>th</sup> and 18 <sup>th</sup> May 2019
6	Almas Khalid hussain and group won 1 <sup>st</sup> place in TELECOMBACT-2019 contest at BMSCE on 11 <sup>th</sup> May 2019 under IEEE Student chapter.
7	Almas Khalid hussain won Best project award at HKBKCE on June 2019
<b>AY-2017-18</b>	
1	Ms. Afreen Khanum, Ms. Arfia Firdous, Mohammad Faizan M.A and Mohammad Furqhan A participated in “state level VTU exhibition cum competition 2017-18” on 28 <sup>th</sup> June 2018. Won 2 <sup>nd</sup>

	Prize & a cash prize of 15,000/-
2	Mr. Waseem participated in DrishTI online contest 2017 conducted on 30 <sup>th</sup> Oct till 2 <sup>nd</sup> Nov 2017 by Texas Instruments India University Program. Won First Prize
3	Ms Saniya participated in DrishTI online contest 2017 conducted on 30 <sup>th</sup> Oct till 2 <sup>nd</sup> Nov 2017 by Texas Instruments India University Program. Won Second Prize
4	Ms. Swetha Priya of 8 <sup>th</sup> semester ECE received the “ <i>Student Champion</i> ” award from the Secretary, Principal and HODs for the year 2017-18
5	Ms.Tanzeela Kousar from 8 <sup>th</sup> semester ECE, received the “ <i>Department Champion</i> ” award from the HOD ECE, for the year 2017-18
6	Project titled Non-invasive diabetic monitoring system won at VTU state level Project Exhibition cum competition on 28th June 2018 at VTU campus Belagavi.
7	Project titled Non-invasive diabetic monitoring system selected for KSCST state level competition on 10th & 11th August 2018 at Bapuji Institute of Technology, Davangere.
<b>AY-2016-17</b>	
1	Roshan participated in Dum charades at “REVAMP 2017” on 5 <sup>th</sup> & 6 <sup>th</sup> April 2017 held at REVA university Bangalore. Won First Prize
2	Roshan Z participated in Group song at “REVAMP 2017” on 5 <sup>th</sup> & 6 <sup>th</sup> April 2017 held at REVA university Bangalore. Won First Prize
3	Sandya R participated in group song (western) at 17 <sup>th</sup> VTU youth festival “YUVA KALANJALI 2016-17” held at Sir M. Visvesvaraya institute of technology, Bangalore from 16 <sup>th</sup> to 19 <sup>th</sup> March 2017.won Third prize
4	Roshan Z participated in group song (western) at 17 <sup>th</sup> VTU youth festival “YUVA KALANJALI 2016-17” held at Sir M. Visvesvaraya institute of technology, Bangalore from 16 <sup>th</sup> to 19 <sup>th</sup> March 2017.won Third prize
5	Roshan Z participated in POTPOURRI in “UTSAV 2017” held at BMS college of Engineering, Bangalore.won First Prize
<b>V</b>	<b>Funds sanctioned</b>
<b>AY-2019-20</b>	
1	Project “BIODERMA PRINTER” funds was sanctioned by KSCST
<b>AY-2018-19</b>	
1	Project “NON INVASIVE DEVICE FOR DIAGNOSIS OF BRONCHIAL ASTHMA USING MICROWAVE APPLICATOR” funds was Sanctioned by KSCST
2	Project “SMART FLOATER FOR PUBLIC OFFICES” funds was Sanctioned by KSCST

<b>AY-2017-18</b>	
1	Project titled Non-invasive diabetic monitoring system was sanctioned by KSCST
<b>VI</b>	<b>International/ National Conferences</b>
<b>AY-2019-20</b>	
1	Nayana Hegde, Sunilkumar S. Manvi, "Hash Based Integrity Verification for Vehicular Cloud Environment", IEEE CCEM, Sept. 2019
2	Dr. Suraiya Tarannum, attended and presented a paper "Wireless Sensor Networks for Healthcare Monitoring: A Review" in ICICT (International Conference on Inventive Computation Technologies) 2019, Coimbatore, November 2019 , Vol. 98 pp. 669-676
3	Dr. Suraiya Tarannum, attended and presented a paper "Efficient Channel Estimation with Optimization Algorithms based Pilot Pattern Design for MIMO-OFDM Wireless Networks" in International Conference on Emerging Trends in Science and Technologies for Engineering Systems (ICETSE-2019), May 2019 , Vol. 8 Issue 1C ISSN:2277- 3878
<b>AY-2018-19</b>	
1.	Dr.Maaz Ahmed, "PSim: A simulator for estimation of power consumption in a cluster", Proceedings of the World Congress on Engineering and Computer Science 2018
<b>AY-2017-18</b>	
1	Dr. Suraiya Tarannum, Abdul Azeez, " PAPR enhancement using LDPC for MIMO OFDM systems"International conference on electrical electronics computers communications mechanical and computing ,2018
2	AkshayP.,Nikhath Tabassum, Imtiyaz Ahmed, Shireen Fathima, "Artificial neural network and IoT based scheme in Internet of Robotics Things" National conference on emerging trends in VLSI, embedded systems and networking, 2018
3	Nikhath Tabassum ,Geetha D.D, " A survey on clock synchronization protocols in wireless sensor networks "IEEE Smart Tech conference, 2017
4	Shireen Fathima, Ismail Zabiulla, Sufia Yaseen. Mohammed Furqhan, Mohammed Faizan, " E-MAT Security System for Jewellery Shop"International conference on Energy , Communication, Data analytics and Soft computing (ICECDS), 2017
5	Ms.Subiya Yaseen, Ms. Shireen Fathima,Mr. Surendra K.V, Md. Jebran, "Gesture Controlled Touch Less Response using Image Processing "International Conference on Energy, Communication, Data Analytics and Soft Computing2017
6	Harsha Karamchandani, "Prosthetic arm for transradial amputees using lectromyographic sensors "National conference on Recent Advances in Communication, Electronics & Electrical Engineering ,2018

7	Mr. Surendra K.V, “Wavelets in the Analysis of Autoregressive conditional heteroskedasticity(ARCH)Models using Neural Network “International conference on electrical , electronics and communication engineering, ICEECE,2018
8	Mr. Surendra K.V, Md. Jebran P, Mr. Shaik Imam and Ms. SubiyaYassen, “ Design and Implementation of Versatile EBOT Using Raspberry Pi “ International conference on electrical , electronics and communication engineering, ICEECE ,2018
<b>AY-2016-17</b>	
1	Dr. Chaitanya Kumar M.V, R. Anitha, “ Design of a 2 *2 Rectangular Microstrip Array with Rectangular Slot Defective Ground Structure “ International Conference on Innovative Research engineering Science Management & humanities, 2017
2	Subiya Yaseen, Dr. J Narayan Singh, Dr.SuraiyaTarannum Hussain Ahmed,Sumaiya Fathima, Syeda Husna Mohammadi, “ Implementation of Controlled Access Methods for Wireless Communication Using VLSI“ IEEE international conference on recent trends in electronics , information communication technology-RTEICT,2016
3	Imtiyaz Ahmed B K, “ Blind Adaptive Beam forming Simulation Using NCMA for Smart Antenna“ 7thIEEE International Advance Computing Conference , 2016
<b>AY-2015-16</b>	
1	Dr. Chaitanya Kumar M.V, R. Anitha, “Analysis of Microstrip Antenna performance by varying length slot DGS”, International conference on Emerging Research in Electronics, Computer Science & Technology, 2015
2	Dr. Chaitanya Kumar M.V, R. Anitha, “Analysis of Microstrip Antenna performance by Shifting Position of Rectangular Slot DGS“ IEEE International Conference on Communication Networks, 2015
3	Imtiyaz Ahmed B K, “Implementation of Adaptive Beamforming for QAM signals using Constant Modulus Algorithm for Smart Antenna” International Conference on Researches in Science, Management and Engineering, 2016
4	Tanveer Baig Z, “A review on Advance Trends in Mobile Communication Technology” National Conference on Emerging Trends in Electronics &Communication Engineering, 2016
5	Tanveer Baig Z, “ A review on Advance Trends in Mobile Communication Technology” International Conference on Computer Science & Technology Allies in Research, 2016
6	Subiya Tanveer Baig Z, “Comparison of Token Passing & Reservation Methods for wireless Communication” ,National Conference on Innovative Engineering Technologies, 2016
7	Mohammed Jebran, “JTAG Tap Controller Programming Using FPGA Board”, International Conference on Mechanical Civil Electronics & Communication & Computer Science

	Engineering, 2016
8	Zahira Tabassum, “Digital Video Stabilization”, National Conference on Emerging Trends in Electronics Engineering, 2016
9	SubiyaYaseen, “SOC Design for Automated Vacuum Cleaner” National Conference on Innovative Engineering Technologies, 2016
10	Tanveer Baig, “ A review on Industrial Automation using PLC & SCADA”, International Conference on Reliable Technologies in Power & energy Systems, 2016
11	Dr. Suraiya Tarannum, “A channel modelling considering varied environmental model for DSRC based V2V application services” Third International Conference on Devices, Circuits and Systems (ICDCS'16)
12	Dr. Suraiya Tarannum, “ An optimized beamforming technique to improve the sumrate for multicell MIMO” Third International Conference on Devices, Circuits and Systems (ICDCS'16)
13	Shireen Fathima, “ A novel CMOS RF energy harvesting circuit design” National Conference on knowledge discovery in information tech and communication engineering, 2016
<b>VII</b>	<b>Books Published</b>
<b>AY-2019-20</b>	
1	Dr. J Surendiran, Dr. B. P. Pradeep Kumar and D. Haripriya, “Linear and Digital IC applications” with ISBN no. 978-93-88936-07-1
2	Dr.Thangadurai, Dr. B. P. Pradeep Kumar, Dr. Vinay Kumar S B et.al, “Advanced processors and real time operating systems” with ISBN no. 978-93-89003-74-1
3	Dr.Thangadurian, Dr. C Annapalagan, Dr. B.P. Pradeep Kumar, Dr. Gayathri K.M, “Digital Communication” with ISBN no. 978-93-89003-66-6
<b>VIII</b>	<b>International Journals</b>
<b>AY-2019-20</b>	
1	Mohammed Jebran P, Abdul Saleem, Shaik Imam, Pradeep Kumar, “Wireless bimetric attendance monitoring systm using labview”, International Journal of Engineering Research & Publication (IJREP)-2019, Volume 2, issue 1 ,july 2019
2	Nayana Hegde,Anees Fatima, “Implementation of Energy Harvesting Mechanism for Wireless Sensor Network”, CEJ,vol1 , issue 12 ,pp.516-523, Dec 2019
3	J.Surendiran, “X-RAY CT Reconstruction by using Spatially Non Homogeneous ICD Optimization”, ijeat, vol 8, issue 6s3,pp.2043-2046, sept 2019
4	J.Surendiran, “A new framework for video data retrieval using hierarchical clustering technique”, ijeat, vol 8, issue 6s3,pp.2052-2055, sept 2019

5	J.Surendiran, “Video Data Retrieval using Image Color Histogram Technique”, ijeat, vol 8, issue 6s3,pp.2056-2060, sept 2019
6	J.Surendiran,B.P.Pradeepkumar, “Design and Implementation of Kogge Stone adder using CMOS and GDI Design: VLSI Based”, ijeat, vol 8, issue 6s3,pp.2181-2182, sept 2019

### AY-2018-19

1	Dr.Pradeep, “Framework of ASL Silhouette gesture recognition system”, IJITEE, Vol.8, issue 6, pp. 66-72, 2019
2	Akshay P., Nikhath Tabassum, Imtiyaz Ahmed B K, Shireen Fathima, “Artificial neural network and IoT based scheme in Internet of Robotics Things” PiCES, Vol.2, Issue 6. pp. 126-130, April 2018
3	Zahira Tabassum, “Smart Grid Analysis-A karnataka perspective” Journal of Advanced research in dynamical and control systems, Vol.11, special issue,2019
4	Surendra K.V, “Design and fabrication of microstrip 2x2 array antenna for s band applications” IJRAR, Volume 6, Issue 2 , June 2019
5	Khamar, Harsha,Rashmi,Kehkeshan, “Calibration and Volumetric Measurements of Fuelguage for Aviation and Water Craft” , JETIR, Jun 2019, , vol 6, issue 6

### AY-2017-18

1	Nikhath Tabassum, Geetha D.D, Rajashekhar C. Biradar, “Clock synchronization in wireless sensor networks using least common multiple”, AEU , International journal of Electronics and Communication, Elsevier,
2	Dr. Suraiya Tarannum, “QoS Provisioning Using Secure VANET Application for Different Network Environments”, HKBK International Journal of Engineering, Sciences and Technology (HIJEST), Vol. 1,Issue 1, pp. 1-5, June 2017
3	Dr, Suraiya Tarannum, “Opposition Based Genetic Algorithm for Optimizing Pilot Pattern for MIMO-OFDM Systems”,HKBK International Journal of Engineering, Sciences and Technology (HIJEST),Vol. 1,Issue 1, pp. 6-8, June 2017
4	Dr, Suraiya Tarannum, “Channel Estimation for MIMO-OFDM Systems: The Recent Trends”, HKBK International Journal of Engineering, Sciences and Technology (HIJEST),Vol. 1, Issue 1, pp. 9-13 June 2017
5	Dr, Suraiya Tarannum, “PAPR Performance Evaluation Using LDPC for MIMO-OFDM Transmission Systems”, HKBK International Journal of Engineering, Sciences and Technology (HIJEST),Vol. 1, Issue 1, pp. 14-16, June 2017
6	Mr. Surendra K.V, “E-capsule Endoscope”,IJETSR(International journal of Engineering Technology Science and Research), Volume 5,Issue 4,April 2018
7	Mr. Surendra K.V, “Wireless human eye movement commanded Microcontroller

	machine”,IJEECS(International journal of Engineering Technology Science and Research) , Volume 7,Issue 4,April 2018
8	Mr. Imtiyaz Ahmed B.K, “Synthesis of Blind Adaptive Beamformer using NCMA for Smart Antenna”International Journal of Applied Engineering Research, Volume 12, Number 18 (2017) pp. 7137-7142
9	Mr. Surendra K.V, Md. Jebran P, Mr. Shaik Imam and Ms. Subiya Yaseen, “Design and Implementation of Versatile EBOT Using Raspberry Pi” International Journal of Electronics, Electrical and Computational System IJEECS, Volume 7, Issue 4 April 2018
10	Mrs. Harsha Karamchandani, “Performance of (2x2) MIMO Communication Systems for Various PSK Modulation Schemes” IOSR Journal of Electronics & Communication Engineering (IOSR-JECE)
11	Mr. Imtiyaz Ahmed B.K, “Performance comparison and FPGA Synthesis of MNLMSNCMA adaptive beamforming algorithm”International Journal of Emerging Technologies in Engineering Research (IJETER), IOSR, March 2018, Volume 7, Issue 3,in March 2018
12	Syed Saquib, Mohammed Khurram Pasha,MohammedKounain,NajeeburRehman,KehkeshanJallal, “Smart water meter reading and distribution system”, International journal of trend in research and development, Volume 6, Issue 2 (2018) pp. 10-14 .
<b>AY-2016-17</b>	
1	Dr. Chaitanya Kumar M.V,Anitha R, “Design of a 2x2 rectangular microstrip array with rectangular slot defective ground structures” International Journal of innovations and advancement in computer science(IJIACS), Vol 6,Issue 2, Feb 2017
2	Dr. Suraiya Tarannum, Abdul Azeez, “ PAPR performance evaluation using LDPC for MIMO OFDM transmission systems”, HIJEST, Vol.1, issue 1, June 2017
<b>AY-2015-16</b>	
1	Harsha K, Dr. A G Ananth, “Survey Paper on a Study of Design and Development of an Efficient MIMO Communication system” International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering(IJAREEIE),Vol. 5, Issue 5,, pp 4312-4315, May 2016
2	Zahira Tabassum, Nazneen MG, Subiya Yaseen, “SOC Design for Obstacle avoiding Robot using VLSI” , International Educational Scientific Research Journal (IESRJ), Vol. 2, Issue 4, April 2016
3	Dr. Suraiya Tarannum, Usha Rani, “A mobility aware environmental channel modelling for DSRC based STS for V2V”, International Journal of Enhanced Research in Science, Technology & Engineering, , <b>Vol. 5 Issue 4, April-2016</b>
4	Dr. Suraiya Tarannum, “An Optimum Signal Perturbation Free Transmit Scheme to Enhanced the Channel Estimation of MIMO-OFDM System”, International Journal of Enhanced Research in

	Science, Technology & Engineering, <b>Vol. 5 Issue 6, June-2016</b>
5	B K Imtiyaz, Dr. Fathima Jabeen, “Implementation of adaptive beamforming for QAM signals using constant modulus algorithm for smart antenna”, IOSRD International journal of engineering, Vol. 3, issue 1, pp. 12-16, June 2016
6	Usha Rani, Dr. Suraiya Tarannum, “ A mobility aware environmental channel modeling for PSRC based STS for V2V” International journal of enhanced research science technology and engineering, vol.5, issue 4, April 2016
<b>IX</b>	<b>Awards/Rewards/Honours of the department</b>
<b>AY-2018-19</b>	
1	Dr. Maaz Ahmed has been awarded Ph.D degree for the thesis entitled “ Power Management Techniques for High Performance Computing” from our research centre affiliated to VTU, Belgaum. He has Presented a Paper in International Conference WCECS held at San Francisco, USA, 23-25 <sup>th</sup> October 2018.
2	Mr. Surendra K.V filed a patent on “Apparatus and Method based on Complementary Recording of in point Multiplication in Elliptical Curve Cryptography for securing chip cards from simple power analysis attacks” Appln. No.:201841048787, 22/12/2018
3	Mrs Nikhat Tabassum’s Literary work titled “A Novel Bilateral Localization for Multi Hop Wireless Sensor Networks ” has been copyrighted by Govt. of India with registration no. L-78604 / 2018.
4	Mr. Surendra K.V, Mr. Shaik Imam, Ms. Subiya Yaseen and Mr. Mohammed Jebran P presented a paper titled “Design and Implementation of Versatile e-BOT using Rasperry Pi” at St. Peters Engineering College and have won <b>Best paper award</b> .
<b>AY-2017-18</b>	
1	Dr. Imtiyaz Ahmed B.K has been awarded Ph.D degree for the thesis entitled “Design and Development of adaptive Blind Beamforming Algorithm and its Implementation on FPGA” from Jain University.  He has published research article in Scopus indexed journal IJAER in September 2017.
<b>X</b>	<b>Reinforcement Programmes</b>
<b>AY-2018-19</b>	
1	Reinforcement class on “Hands- on session on Object oriented Programming using C++” on 15/11/2018 by Prof. Shaik Imam Assistant Professor, ECE, HBKCE
2	Reinforcement class on “Laplace Transform” on 12/11/2018, 14/11/2018 & 15/11/2018 by Prof. Hussain Ahmed. HOD, ECE, HBKCE
3	Reinforcement class on “FIR filter Design” on 02/11/2018-16/11/2019 by Prof. Hussain

	Ahmed. HOD, ECE, HBKCE
4	Reinforcement class on “Interfacing Programs” on 02/11/2018- 03/11/2018 Prof. Shaik Imam Asst Prof, ECE, HBKCE
<b>AY-2017-18</b>	
1	Reinforcement class on “Laplace Transforms” on 13/11/2017 by Prof. Hussain Ahmed, HOD, ECE, HBKCE Mrs.ZahiraTabassum, Assoc. Prof, Mr. Shaik Imam, Asst Prof, ECE, HBKCE
2	Reinforcement class on “Arithmetic coding & Lempel ziv coding” on 03/11/2017 by Prof. Syeda Husna Mohammadi, Asst Prof, ECE, HBKCE
3	Reinforcement on “Hands- on session on Object oriented Programming using C++” on 06/10/2017 Prof. Shaik Imam ,Prof. Naazneen M.G Asst Prof, ECE, HBKCE
<b>AY-2016-17</b>	
1	Reinforcement class on “Network analysis” on 24/10/2016 by Prof. Hussain Ahmed. HOD, ECE, HBKCE
<b>XI</b>	<b>Workshop And Activities By Alumni</b>
<b>AY-2018-19</b>	
1	Group Discussion & Mock Interview on 09/02/2019 by Mr. Arham Faraz, Senior Project Manager, Sapient Technologies.Founder, Arham Leadership Academy
<b>AY-2017-18</b>	
1	Workshop on “Model Making using Advanced Robotics” in association with Nano Embed Technologies” on 6/04/2018-7/04/2018 by Ms. Kareemunnisa, Technical Head ,NANO Embedded Technologies, Bangalore Alumnus-HKBKCE
2	SDP on “Group Discussion” on 28/02/2018 by Mr. Abraham K C, Director, BackBorn Networks Pvt. Ltd Alumnus-HKBKCE
3	SDP on “Hybrid Mobile App Development” on 26/2/2018-27/02/2018 by Mrs. Rabia Siddiqua, Senior Software Engineer, Nasdaq, Bangalore Alumnus-HKBKCE
4	SDP on “Learn Python-A Practical way”on 17/2/2018-18/02/2018 byMr. Abhay Swamy, Managing Director, Swamy Technologies, Bangalore-Alumnus HKBKCE
<b>AY-2016-17</b>	
1	Workshop on “Advance Embedded System using ARM7” on 2/11/2016-4/11/2016 by Ms. Kareemunnisa, Technical Head ,NANO Embedded Technologies, Bangalore Alumnus-HKBKCE
2	SDP on MOCK Interview on 18/10/2016 by Mr. Abraham K C, Director,

	BackBorn Networks Pvt. Ltd Alumnus-HKKBKCE
3	SDP on Group Discussion on 17/09/2016 on Mr. Abraham K C, Director, BackBorn Networks Pvt. Ltd Alumnus-HKKBKCE
4	Industry Interaction program on “What’s happening at offshore” on 6/08/2016 by Mr. Karthik John Babu, Alumnus-HKKBKCE
<b>AY-2015-16</b>	
1	Three Day Workshop on “Nuvoton Arm Cortex M0 Programming & Interfacing” on 29/09/2015-30/09/2015 & 1/10/2015 by Mr. Syed Mehtab, Director, Sun Softronic Systems, Bangalore - Alumnus-HKKBKCE
2	Workshop On Success & “Career Guidance Program” on 19/09/2015 by Mr. Arham Faraz, Senior Project Manager, Sapient Technologies. Founder, Arham Leadership Academy
3	SDP on “Neuro Linguistic Program” on 24/03/2016 by Ms.Subiya Yaseen , Asst. Prof. Dept. of ECE, HKKBKCE Ms. Priya Darshini, Alumni HKKBKCE
4	SDP and a Training Session on “Group Discussion” 18/03/2016 Mr. Abraham K C, Director, BackBorn Networks Pvt. Ltd Alumnus-HKKBKCE

<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> <b>KSTA sponsored one day workshop on “ Nuclear Energy and enviornment” 21-09-2015</b>
<b>Events Organized</b>	<b>FDP/SDP Organized:</b> <ul style="list-style-type: none"> <li>• <b>SDP on “ Graphene Based Technology” , 05-06-2020</b></li> </ul>
<b>Events Attended</b>	<b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:</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> <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> </ul>

- Workshop on Competitive research grant proposal, SJGIT, Doddaballapur, 27<sup>th</sup> April, 2020
- Webinar on E learning/ICT based education, Jawaharlal Institute of technology, Borawan, M.P, 24<sup>th</sup> May, 2020
- Seminar on Two dimensional materials for diverse applications, Cambridge institute of technology, Bangalore, 23<sup>th</sup> May 2020
- International E-conference on strategies & challenges in Higher education during COVID- 19 Lockdown period in India with reference to the world, Govt. Vidarbha Institute of Science & Humanities, Amravati, May 15<sup>th</sup> -17<sup>th</sup>, 2020
- FDP on Enhancing Teaching skills and develop the next generation of Engineering Educators, HKBKCE, Bangalore, Dec, 2019
- FDP on Research methodology, Department of Engg. Chemistry, HKBKCE, Oct 2019,
- FDP on Physics experiments for Engineers held by Department of Physics, CMRIT, Bengaluru, Feb 2019
- FDP on Physics experiments for Engineers held by Department of Physics, CMRIT, Bengaluru. Feb 2019
- 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.
- 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
- National Webinar on “Writing a Research Paper & Publishability: Issues & Concerns” organized by IQAC of Vanita Vishram Women’s College of Commerce, Surat on 26 th May, 2020 on Zoom.
- oneday national webinar on “Research methodology” organized by Research center political science & economics, Yeshwantrao chavan college , Ambajogai, Dist .Beed on 15<sup>th</sup> june 2020.
- one-day webinar on “Kick start your Research work” hosted by Department of Computer Science & Engineering on May 30, 2020
- 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)
- 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.
- International Webinar on “Application of Chanakya Niti in Modern Education” organized by Department of Commerce on 11<sup>th</sup> May, 2020.
- National webinar on “Two Dimensional Mateials for Diverse Application” hosted by Cambridge Institute of Technology, Bengaluru. 23<sup>rd</sup> may 2020.
- 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.
- 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.
- Two days National webinar on “Advanced Excel” organized by IQAC & 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> & 21<sup>st</sup>, 2020.
- Three days online workshop on "Education 4.0-Season II" organized by IQAC, Atharva College of Engineering held on 28th - 30th May 2020.
- Two days “eContent Development Workshop for Teachers” organized on 1 st & 2 nd June, 2020. K. K. Wagh Polytechnic, Nashik. Department of Chemical Engineering

	<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>• Attended an International conference on “Recent trends in Environmental Science and Technology” organized by APS college of Engineering, Bangalore held on Dec., 2017.</li> <li>• Two days “eContent Development Workshop for Teachers” organized on 1<sup>st</sup> &amp; 2<sup>nd</sup> June, 2020. K. K. Wagh Polytechnic, Nashik. Department of Chemical Engineering</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>
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<b>Referred Journals</b>	<ol style="list-style-type: none"> <li>1. <b>V. Pant, Ajanta Datta, D. Banerjee, K. Chandrashekhar, and S. Ray</b> “Twisting/Swirling Motions during a Prominence Eruption as Seen from SDO/AIA”, The Astrophysical Journal (2018), 860:80 (11pp) <b>ISSN: 1538-4357</b></li> <li>2. <b>Balasaraswathy S, Ramamurthy N, Sivasakthivelan P,</b> ‘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</li> <li>3. <b>K. Chandra Kumar, S. Balasaraswathy, B. M. Rajesh and Chandra</b> “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></li> <li>4. <b>K. Chandra Kumar, V. Umesh, T. K. Madhura, B. M. Rajesh and Chandra</b> “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></li> <li>5. <b>V. Pant, Ajanta Datta, and D. Banerjee</b> “Flows And Waves In Braided Solar Coronal Magnetic Structures” , The Astrophysical journal letters ( 2015) 801:L2 <b>ISSN: 20418205</b></li> <li>6. <b>Ajanta Datta, S. Krishna Prasad and Dipankar Banerjee</b> “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></li> </ol>
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11 (g)	<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"
	4	
<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
	2	
<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
		“Umme Salma”, attended One Day Workshop on “ Financial Planning for Uncertain Future” , 21st NOV 2015, at HKBK College of Engineering, Bengaluru
	2.	“ 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
	3.	“ Umme Salma” attended FDP on LATEX from 22 <sup>nd</sup> to 26 <sup>th</sup> June 2017 at HKBKCE Bengaluru 45
		“Umme Salma” attended three day FDP on Microsoft Office , by the Department of Information Science , HKBKCE, 17th July to 19th July 2019
	4.	“ 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
		“Umme Salma “ attended FDP on Research Methodology, Department of Civil / Chemistry, HKBKCE , 26th October 2019.

<b>WORKSHOPS/ /CONFERENCES/ FDPs ATTENDED</b> By C S Nagabhushana	
1	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
2	FDP on CYBER SECURITY AND FORENSICS from 9 to 10 th january 2018 at HKBKCE Bangalore 45
3	FDP ON CBCS based curriculum development towards autonomy from 11,12 th dec 2017 and 23,24,25 jan-2018 at HKBKCE BANGALORE 45
4	FDP ON New model curriculum for first year BE CBCS detailed syllabus at BIT ON 7-5-2018
5	FDP on LATEX from 22nd june 2017 to 26 th June at HKBKCE Bangalore-45
6	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
7	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
8	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
9	Dr C S Nagabhushana attended workshop on Financial planning for uncertain Future on 21 <sup>st</sup> NOV-2015 at HKBKCE-Bangalore-45
10	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
11	Dr C S Nagabhushana successfully participated in Author Workshop on 13 <sup>th</sup> FEB-2014 at central college ,Bangalore-01
12	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
13	Member of organizing committee for the seminar “Mathematics for Engineers”, HKBK College of Engg, Sept 01, 2012
14	Two days staff development programme, “Advanced Graph Theory in Engineering”, CMR institute of technology, Aug 01, 2009.
	S.Sreelakshmi”, attended One Day Workshop on “ Financial Planning for Uncertain Future” , 21st NOV 2015, at HKBK College of Engineering, Bengaluru
	“S.Sreelakshmi”, attended Two Day FDP on “ Synergy in Engineering Mathematics” , 25th & 26th Jan 2016, at HKBK College of Engineering, Bengaluru.
	“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

17	“S.Sreelakshmi”, attended one week FDP on “ LATEX” , 22nd to 26th June 2017, at HKBK College of Engineering, Bengaluru.
18	“S.Sreelakshmi”, attended Two day FDP on “ Research Methodologies, Incubation & Patenting” , 29th to 30th June 2017, at HKBK College of Engineering, Bengaluru.
	“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.
19	“S.Sreelakshmi”, attended Three day FDP on “Wireless Communication”, 29th to 31st Jan 2018, at HKBK College of Engineering, Bengaluru
20	“S.Sreelakshmi”, attended two day workshop on “MOODLE”, 24th and 25th April 2018, at HKBK College of Engineering, Bengaluru.
21	“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.
22	“S.Sreelakshmi”, attended FDP on “ Research Methodology” , 26th OCT 2019, at HKBK College of Engineering, Bengaluru.
	“S.Sreelakshmi”, attended three day FDP on “Microsoft Office”, 17th – 19th July 2019 at HKBK College of Engineering, Bengaluru.
	“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
	“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
23	“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.
	“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.
	“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.
	“S.Sreelakshmi”, participated in one Week Online FDP on "NBA and NAAC Accreditation Process" from June 04 - June 08, 2020, organized by MSRIT, Bengaluru.
	“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.
	“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.
	“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.

	<p><b>“Sharmada.U “ attended</b> Workshop on MOODLE , HKBKCE , 24th April to 25th April , 2018</p>
	<p><b>“Sharmada.U “ attended</b> 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 Techology, 7th May 2018.</p>
	<p><b>“Sharmada.U “ attended</b> FDP on Microsoft Office , Department of Information Science , HKBKCE, 17th July to 19th July 2019</p>
	<p><b>“Sharmada.U “ attended</b> FDP on Research Methodology, Department of Civil / Chemistry, HKBKCE , 26th October 2019.</p>
	<p><b>“Sharmada.U “ attended</b> FDP on Develop the next generation of Engineering educators , HR Department , HKBKCE from 12th December to 15th December 2019.</p>
	<p><b>“Sharmada.U “ attended</b> 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.</p>
	<p>Tejas attended FDP on Develop the next generation of Engineering educators ,HR Department, HKBKCE</p>
	<p>Tejas Attended FDP on Microsoft office ,Department of Information of Science ,HKBKCE,17th July to 19th July 2019</p>
	<p>Tejas Attended FDP on Avenue Research &amp; Latex ,Department of Computer Science , Atria institute of technology ,1st Feb 2018 to 3rd Feb 2018</p>
	<p>Tejas Attended Workshop on Mathematical Thinking, Department of Mathematics, Atria institute of technology ,17october 2017</p>
	<p><b>“ Prakash M” attended Workshop “Mission10X”, Conducted by WIPRO , on 27<sup>th</sup> feb-1<sup>st</sup> march 2014.</b></p>
	<p><b>“ Prakash M” attended FDP on Fluid mechanics at SIT Mangalore , conducted by IIT Mumbai and MHRD from may 20<sup>th</sup> to 30<sup>th</sup> May 2014</b></p>
	<p><b>“Ramya H M” participated in the webinar on real life applications of mathematics Conducted by NGP Institute of technology on 1st july 2020</b></p>
	<p><b>“Sowmya.T “ participated</b> webinar on “Pandemic Covid-19 and Survival of indian MSMEs , by Glocal University ,Uttar Pradesh ,28<sup>th</sup> June 2020</p>
	<p><b>“Sowmya.T “ participated</b> webinar on “Applications on Differential Equations.byCambridge Institute of Technology North Campus , Bengaluru, on 19<sup>th</sup> June 2020</p>
	<p><b>“Sowmya.T “ participated</b> international webinar on“ How To Get Research Grants From UGC,AICTE, by MBITS ,Kerala , on 9<sup>th</sup> June 2020</p>
	<p><b>“Sowmya.T “ attended</b> “ FDP on Develop the next generation of Engineering eductors ,HR Department, HKBKCE 12<sup>th</sup> Dec to 15<sup>th</sup> Dec 2019</p>
	<p><b>“Sowmya.T “ attended</b> FDP on Microsoft Office , Department of Information Science , HKBKCE, 17th July to 19th July 2019</p>

	“ <b>Sowmya.T</b> “ <b>attended</b> “ FDP on Emerging Trends in Mathematics and its applications, Department of Mathematics, Ramaiah Institute of Technology.28th Jan to 2nd Feb 2019
	“ <b>Sowmya.T</b> “ <b>attended</b> FDP on Avenue Research & Latex ,Department of Computer Science , Atria institute of technology ,1st Feb 2018 to 3rd Feb 2018
	“ <b>Sowmya.T</b> “ <b>attended</b> Workshop on Mathematical Thinking, Department of Mathematics, Atria institute of technology ,17october 2017

### PURSUING EDUCATION

1.	S.Sreelakshmi, pursuing Ph.D programme in Mathematics at Vel Tech Rangarajan Dr. Sagunthala 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

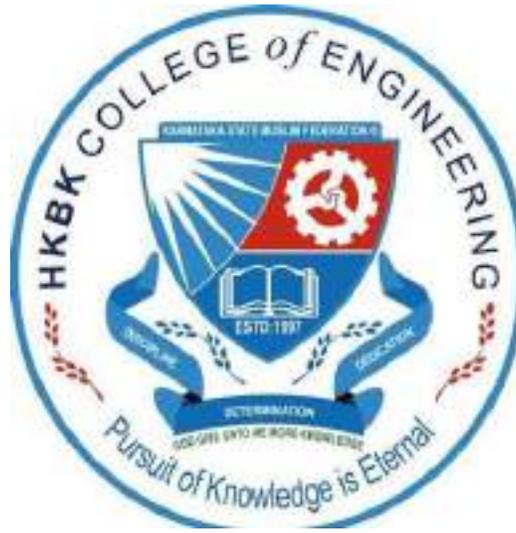
### PUBLICATIONS

#### INTERNATIONAL/NATIONAL JOURNALS

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 (IJITEE),ISSN:2278-3075,Volume-8,Issue-2S6,August-2019
2.	<b>Dr C.S. Nagabhushana and H M Chudamani</b> Split and equitable Domination of some special graph International journal of Science Technology and engineering vol 4 issue2 page50-60 Aug-2017 ISSN 2349-784X
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.
<b>Dr C S Nagabhushana</b>		
<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.
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>STUDENTS PARTICIPATION</b>		
	1.	150 students attended the SDP conducted on 29/11/2019
	2.	120 students attended the SDP conducted 15/12/2018
	3.	150 students attended the SDP conducted on 21/04/2018



**HAZRATH KHWAJA KHUTUBUDDIN  
BAKHTIAR KAKI (HKBK) COLLEGE OF  
ENGINEERING**

**Department of Chemistry**

**Mandatory Disclosure**

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

### 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 <b>Financial year 2012-13</b> (a) Under Recurring Head: <b>Rs 34,935</b> (b) Under Non-recurring Head: <b>Rs19,31,304</b>
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 India Extra Mural research project. DST No: SR/S3/MERC/0111/2012 <b>Financial year 2013-14</b> (a) Under Recurring Head: <b>Rs 3,16,836</b> (b) Under Non-recurring Head: <b>Rs 1,00,987.</b>
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 <b>Financial year 2014-15</b> (a) Under Recurring Head: <b>Rs 3,98,326</b> (b) Under Non-recurring Head: <b>Rs86,129.</b>
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 <b>Financial year 2015-16</b> (a) Under Recurring Head: <b>Rs1,85,568</b> (b) Under Non-recurring Head: RsNil.
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 <b>Financial year 2016-17</b> (a) Under Recurring Head: <b>Rs 1,32,167</b> (b) Under Non-recurring Head: RsNil.
6	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 “ <i>Stress corrosion studies on Al alloys (like AA7075 – T7351 and AA7075 – T651)</i> ” from April 2006 to June 2009. Total budget of project <b>Rs 11.53 lakhs.</b>

### Events Organised

### FDP/SDP Organized

1	The dept. of Dept of Chemistry, HKBK CE conducted one day FDP on Research methodology on <b>26/10/2019</b>
<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> ”on18/09/2018-Chief Guest: Kala Krishnaswamy, IPS,DCP, North Bangalore.
<b>Events Attended</b>	
<b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty</b>	
1	Dr Sanaula 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.
2	Dr Sanaula P F- 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.
3	Dr Sanaula 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.
4	Dr Sanaula 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.
5	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.
6	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.
7	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.
8	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.
9	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.
10	Mrs Shubha A – One day FDP on “Research Methodology” organised by Dept of Chemistry & Civil on 26 <sup>th</sup> October 2019.
14	Mrs Nethravathi P C- One Week International Winter school on Frontiers in Materials Science, JNCASR, Bangalore. 3-7 Dec 2018
15	Mrs Nethravathi P C- Participated in five days Faculty Development Program on “Develop the next generation of Engineering educators, HKBKCE, Bengaluru. 15-19 Dec 2019
16	Mr Mahadevkumar P- Participated in one day workshop on “Role of Chemistry in Higher Engineering Courses” held at Sambhram Institute of Technology.20-01-2018

17	Jayasimha HN -Participated in one day workshop on “Role of Chemistry in Higher Engineering Courses” held at Sambhram Institute of Technology 20-01-2018
18	Jayasimha HN -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
19	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.
<b>Referred Journals</b>	
1	"Evaluating Sequential Extraction Procedure to Ascertain Binding Mechanisms in Soil Nano Calcium Silicate (NCS) Mixtures. Kotresha. K, Sanaulla PF, Mohammed, S.A.S. and Moghal, A.A.B - Indian Geo Technical Journal- <b>Under review.</b>
2	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.
3	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.
4	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.
5	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 GSP261 @ASCE, USA</b> . pp 49-56.
6	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.
7	“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> )
8	Inhibiting Action of Tetra-N-Butyl Ammonium Bromide And Tetra-N-Butyl Ammonium Iodide on The Corrosion Behaviour of Za-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.
9	“Inhibition Action of Tetra –N – Butyl Ammonium Bromide and Tetra –N Butyl Ammonium Iodide on the Corrosion Behaviour of ZA-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.
10	“Inhibiting Action of Quaternary Ammonium Salts on the Corrosion Behaviour of ZA-27 Alloy in 1M Na <sub>2</sub> SO <sub>4</sub> ” <b>IOSR Journal of Applied Chemistry (IOSR-JAC)</b> , Volume 7, Issue 5 Ver. I. (May. 2014), ( <b>Impact factor -1.327</b> ).

11	“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> )
12	“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> ).
13	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> ).
14	“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> )
15	“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> )
16	“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> )
17	Corrosion Characterization of TiO <sub>2</sub> Particulate Reinforced Al-6063 Composites in Chloride and Nitrate Media, <i>Asian Journal of Chemistry</i> , ISSN 0970-7077, 2011, Volume 23, Issue 4, 1664 – 1668. ( <b>Impact factor -0.247</b> )
18	Influence of chlorides, nitrate and sulphate media on corrosion behaviour of TiO <sub>2</sub> particulate reinforced Al-6061 composites, <i>Portugaliae Electrochimica Acta</i> , ISSN 1647- 1571, 2010, 28(5), 309-320
19	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.
20	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>
21	“Rotational Re-Orientation times and dipole moments of Coumarin laser dye” <i>BARC, Mumbai January 2005.</i>
22	„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.
23	“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>Conferences</b>	
1	“Sorption and Entrapment of Heavy Metals In A Contaminated Soil Using Nano Calcium Silicate – A Nano Amendment”. Kotresha K, Syed Abu Sayeed Mohammed, Sanaula 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.

2	“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, Muddenehalli, Chikkabalapur, Karnataka, India.</b> page 58-59.
3	Effect of Nano Calcium Silicate to retain Nickel in a contaminated Steel Mill Soil. Syed Abu Sayeed Mohammed, Sanaulla P.F and Kotesha K. <b>Indo-Canadian Symposium on Nano-Science and Technology (ICSNST-2016)</b> , National Institute of Engineering, Mysore, India.
4	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 BaigMoghal, <b>CLEAR 2014 CONFERENCE - Contaminated Land, Ecological Assessment and Remediation</b> held at Chuncheon, Korea, 5-8 October 2014.
5	Application of Potentiometry to study the retentivity of heavy metal ions in Red Soil. Published in an <b>International Conference on Frontiers in Chemical Research</b> Held at Mangalore University during December 2008
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> , National Institute of Engineering, Mysore, India-February-2016.
13	<b>International Workshop on “Coatings and Surfaces in Biomedical Engineering”</b> Indian Institute of Technology –Madras, Chennai, India-February 2014.
14	<b>Workshop on “Research Methodology &amp; Report writing” e-learning Centre Mysore, Visvesvaraya Technological University, Bangalore, India-May 2009.</b>
15.	<b>National Conference on “Recent Advances in Surface Engineering –RASE-09”</b> National Aerospace Laboratories (CSIR), Bangalore, India-February2009
16	<b>National Symposium on “Electrochemical Science &amp; Technology (NSEST-2008)</b> , The Electrochemical Society of India, Indian Institute of Science, Bangalore, 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> <i>held at University of Agricultural Sciences, Dharwad, India -November 2000.</i>

### Higher Education

#### Faculties pursuing Ph.D

1	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><u>Comprehensive Viva-Voce Completed- Thesis writing in Progress.</u></b>
2	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>

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

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

### Intellectual Property Rights ( IPR)

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.

## Mandatory Disclosure

1	<b>Name of the Department</b>	<b>Department of Management Studies</b>				
	Course	MBA				
	Level	PG				
	<sup>St</sup> 1 year of approval by the Council	2006				
	Year wise sanctioned intake	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>
		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	<b>Faculty : ISTE</b>				
	Professional Activities	Forum – Department Association				
	Consultancy Activities	-				
	Grants Fetched	-				
<b>I. DEPARTMENTAL ASSOCIATION ACTIVITIES</b>						
	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.				
	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.

### **INDUSTRIAL VISIT**

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

### **FACULTY DEVELOPMENT PROGRAM**

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.
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.
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 organisaed 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.