



# **HKBK COLLEGE OF ENGINEERING**

## **Mandatory Disclosure**

## Mandatory Disclosure as per AICTE Norms

	Mandatory Disclosure updated on	20 <sup>th</sup> November 2023
1	AICTE File No.	1-38673292982
	Date and Period of last approval	10 <sup>th</sup> June 2023, 2023-2024
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 5.00 PM
	Academic hours at the Institution	8.30 AM to 4.30 PM
	Email :	info@hkbk.edu.in
	Website	www.hkbk.edu.in
	Nearest Railway Station (dist in Km)	Cantonment Railway Station ( 7 km)
	Nearest Airport (dist in Km)	Bangalore International Airport, Devanahalli, Bengaluru (29.5 km )
3	Type of Institution	
	Category (1) of the institution	Religious Minority, Private (Unaided)
	Category (2) of the institution	Co-Education
4	Name of the organization running the Institution	Karnataka State Muslim Federation ®
	Address of the Organization	No. 6/1, Cantonment Railway Station Road, Bangalore-560051
	Registered with	Karnataka Registration Societies Act, 1960
	Registration date	S.No. 514/1994-95
	Website of the organization (Society or Trust website)	www.hkbk.edu.in
5	Name of the affiliating University	VISVESVARAYA TECHNOLOGICAL UNIVERSITY
	Address	Jnana Sangama, Macche, Belagavi - 590018, Karnataka
	Latest affiliation period	2023 - 2024
6	Name of Principal / Director	Dr. Mohammed Riyaz Ahmed
	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	Computer Science and Engineering

## 7. Governing Board Members List :

Sr. 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.	D r. H U Talwar	Director, Department of Technical Education (DTE) Govt. of Karnataka, Bangalore	Member State Govt. Nominee
9.	Dr. Mohammed Riyaz Ahmed	Principal HKBKCE	Member Secretary
10.	Prof. Khallikkunaisa	Assoc. Prof. CSE, HKBKCE	Member

## 8. Academic Advisory Body:

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

The Anti-Ragging committee is constituted with the following members w.e.f.  
20<sup>th</sup> Sept, 2023.

### Anti-Ragging Committee

Sl.	Name	Designation	Associated With	Contact No.
1.	Dr. Mohammed Riyaz Ahmed Principal, HKBKCE	Chairman	Head of the Institution	8971079936
2.	Dr. Latha Rajagopalan HOD - ECE	Member	Faculty Representative	9942436354
3.	Dr. Smitha Kurian HOD - CSE	Member	Faculty Representative	9980492375
4.	Dr. Syed Mustafa A HOD - ISE	Member	Faculty Representative	9844011062
5.	Dr. Syed Abu Syeed Mohammed HOD - CV	Member	Faculty Representative	9886019241
6.	Prof. Shaik Haroon Safdar HOD - EEE	Member	Faculty Representative	9480429927
7.	Dr. Salim Shariff HOD - ME	Member	Faculty Representative	9620525177
8.	Dr. Tabassum Ara HOD - AIML	Member	Faculty Representative	85537 54383
9.	Dr. Sanaulla P F HOD - Chemistry	Member	Faculty Representative	9448226703
10.	Dr. Chandra Kumar K HOD - Physics	Member	Faculty Representative	9916041209
11.	Dr. C S Nagabhushan HOD – Maths	Member	Faculty Representative	9964189984
12.	Dr. S Arshad Pasha Phy. Edu. Director	Member	Chief Warden	9844060671
13.	Mrs. Savithri Appayya	Hostel Employee	Girls Hostel Incharge	9845437414
14.	Mr. Jayaraj	Inspector of Police	Govindapura Police Station	080 2294 3305
15.	Mrs. Irshad Begum	Corporator	Local Resident	9591538890

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

The SC / ST / OBC Welfare Committee is constituted with the following members w.e.f.  
15<sup>th</sup> November 2023.

### SC / ST / OBC Welfare Committee

Sl. No	Name	Designation	Associated With	Contact No.
1.	Dr. Salim Sharieff HOD - ME	Chairman	Faculty Representative	7892869102 salims.me@hkbk.edu.in
2.	Prof. Dinesh Asst. Prof - ME	Member	Faculty Representative	9620007996 dineshh.me@hkbk.edu.in
3.	Dr. Nandhagopal S M Professor - CSE	Member	Faculty Representative	8088752554 nandhagopal.cs@hkbk.edu.in
4.	Prof. Sreekantha Asst. Prof - ISE	Member	Faculty Representative	9743283872 shreekantha@hkbk.edu.in
5.	Prof. Yogananda Raj Urs Asst. Prof - ECE	Member	Faculty Representative	8277668173 yoganandaraj.ec@hkbk.edu.in
6.	Prof. Rashmi Asst. Prof - CV	Member	Faculty Representative	7349082226 rashmi.cv@hkbk.edu.in
7.	Prof. Afroz Pasha Asst. Prof - AIML	Member	Faculty Representative	8050327273 afrozp.aiml@hkbk.edu.in
8.	Prof. Kavitha D Asst. Prof - CSE	Member	Faculty Representative	9620600020 kavithad.cs@hkbk.edu.in

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

The Industry -Institution interaction cell committee is constituted with the following members w.e.f.15<sup>th</sup>  
November 2023

### **Industry -Institution Interaction cell committee**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Associated With</b>	<b>Contact No.</b>
1.	Dr. Sharada K A Associate Professor - CSE	Chairman	Faculty Representative	9886244969
2.	Dr. Smitha Kurian HOD - CSE	Member	Faculty Representative	9980492375
3.	Dr. Syed Mustafa A HOD - ISE	Member	Faculty Representative	9620007996
4.	Dr. Syed Abu Syeed Mohammed HOD - CV	Member	Faculty Representative	9845675142
5.	Prof. T.M. Tajuddin Yezdani Professor - ME	Member	Faculty Representative	9611499371
6.	Dr. J Surendiran Associate Professor - ECE	Member	Faculty Representative	7871800517

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

**College Internal Complaints Committee Members**  
**AY: 2023-2024**

**Constitution of College Internal Complaints Committee - (CICC)**

w.r.t. Prevention, Prohibition and Redressal of Sexual Harassment –reg.  
to deal with the sexual harassment complaints of women at the Campus.

**Objective:**

- Prevention of sexual harassment to ensure safe working environment for women employees and female students
- To create a secure physical and social environment this will deter acts of sexual harassment.
- To develop principles and procedures to combat sexual harassment
- To deal with cases of discrimination and sexual harassment in a time bound manner, aiming at ensuring support services to the victimized.

S1. No	Name and Designation	Position in CICC	Gender	Mobile No. & Email - ID	Official No.
1.	<b>Prof. Khallikkunaisa,</b> Associate Professor-CSE	Chairperson	Female	9880137269 khalikkunaisa.cs@hkbk.edu.in	080-2544 1722
2.	<b>Dr. Suraiya Tarannum,</b> Professor-ECE	Faculty Member	Female	9901929992 suraiyat.ec@hkbk.edu.in	080-25441722
3.	<b>Prof. Tajuddin Yezdani,</b> Associate Professor-ME	Faculty Member	Male	9611499371 tajuddintm.me@hkbk.edu.in	080-25441722
4.	<b>Mrs. Nusrath-Ul-Reshma</b> Accounts Assistant	Member (Non-Teaching Staff)	Female	7795802667 nusrathu.ac@hkbk.edu.in	080-25441722
5.	<b>Mr. Vinay A.L</b> Head - Student Support Services & Outreach	Member (Non-Teaching staff)	Male	9731761019 hod_sss@hkbk.edu.in	080-25441722
6.	<b>Ms Keerthana Ramesh Babu,</b> Student	Student 4 <sup>th</sup> Year - CSE	Female	6385517122 1hk20cs066@hkbk.edu.in	080-25441722
7.	<b>Ms. Pooja</b> Student	Student 2 <sup>nd</sup> Year - ISE	Female	8951559113 1hk20is073@hkbk.edu.in	080-2544 1722
8.	<b>Mr. Farmaan Fahim</b> <b>Ahmed Khan,</b> Student	Student 2 <sup>nd</sup> Year - ECE	Male	7349674312 1hk21ec028@hkbk.edu.in	080-2544 1722
9.	<b>Mrs. Badrunnisa</b>	Member Advocate - NGO	Female	9845037957 <a href="mailto:budrunnisaadvocate@gmail.com">budrunnisaadvocate@gmail.com</a>	9845037957

**Prof. Khallikkunaisa**  
Chairperson - CICC

**Dr. Mohammed Riyaz Ahmed**  
Principal, HKBKCE

The Student Counselling committee is constituted with the following members w.e.f.  
15<sup>th</sup> November 2023

### **Student Counselling Committee**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Associated With</b>	<b>Contact No.</b>
1.	Mr. Vinay A L Head - Student Support Services & Outreach	Chairperson	Faculty Representative	9731761019
2.	Prof. Husna Tabassum Asst. Professor - CSE Dept.	Member	Faculty Representative	9945332367
3.	Prof. Usman Aijaz Asst. Professor - ISE Dept.	Member	Faculty Representative	9590673506
4.	Prof. Suhas A R Asst. Professor – ECE Dept.	Member	Faculty Representative	7259551230
5.	Prof. Afroz Pasha Asst. Professor – AIML Dept.	Member	Faculty Representative	8050327273
6.	Prof. Nehal Ahmed Asst. Professor – ME Dept.	Member	Faculty Representative	9840224016
7.	Ms. Sudeepa Desa Student Counsellor	Member	Faculty Representative	9902058739

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**



The Media Cell Committee is constituted with the following members w.e.f.  
15<sup>th</sup> November 2023.

### **Media Cell Committee**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Associated With</b>	<b>Contact No.</b>
1.	Prof. Surendra K V Asst. Professor – ECE Dept.	Chief Coordinator	Faculty Representative	9731761019
2.	Prof. Heena Kouser Asst. Professor – ISE Dept.	Member	Faculty Representative	8944778486
3.	Prof. Arshiya Fathima Asst. Professor – CSE Dept.	Member	Faculty Representative	6364149055
4.	Prof. Mohammed Yaseer Pasha Asst. Professor – ME Dept.	Member	Faculty Representative	9845675142

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

## **Provision to watch MOOCs courses through SWAYAM**

The following resources /facilities are available at the institution to watch MOOCs courses through Swayam.

1. Computer Laboratories with around 400 computers, LAN connection, 500 Mbps Internet connectivity and headset facility.
2. Seminar Halls with internet facility and audio-visual facility/ ICTenabled.

**Principal**

The Revised IPR Cell is constituted with the following members w.e.f.  
15<sup>th</sup> November, 2023.

### INTELLECTUAL PROPERTY RIGHTS CELL - IPR CELL

SL. No	Name	Designation	Associated with	Email ID & Contact No
1.	Dr. Nandhagopal S M Professor- CSE	Chairperson	Faculty representative	<a href="mailto:nandhagopal.cs@hkbk.edu.in">nandhagopal.cs@hkbk.edu.in</a> Mobile : 8088752554
2.	Prof. Sumaiya Banu Assistant Professor & Head Department of Humanities	Secretary	Faculty representative	<a href="mailto:sumaiyab.mb@hkbk.edu.in">sumaiyab.mb@hkbk.edu.in</a> Mobile : 9844048699
3.	Dr. Komala C R Associate Professor - ISE	Member	Faculty representative	<a href="mailto:komalac.is@hkbk.edu.in">komalac.is@hkbk.edu.in</a> Mobile : 9844275912
4.	Dr. Sanjana Prasad Associate Professor- ECE	Member	Faculty representative	<a href="mailto:sanjanaprasad@hkbk.edu.in">sanjanaprasad@hkbk.edu.in</a> Mobile : 9677841005
5.	Dr. D Umadevi Associate Professor – Engineering Mathematics	Member	Faculty representative	<a href="mailto:umadevi.mt@hkbk.edu.in">umadevi.mt@hkbk.edu.in</a> Mobile : 9443525351
6.	Prof. Syeda Sadia Tabassum Assistant Professor- CSE	Member	Faculty representative	<a href="mailto:syedasadia.cs@hkbk.edu.in">syedasadia.cs@hkbk.edu.in</a> Mobile : 6360760026
7.	Prof. Nehal Ahmad Assistant Professor- ME	Member	Faculty representative	<a href="mailto:nehala.me@hkbk.edu.in">nehala.me@hkbk.edu.in</a> Mobile : 9840224016

The above cell is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

The Internal Quality Assurance Cell -IQAC is constituted with the following members w.e.f.  
15<sup>th</sup> November 2023.

### Internal Quality Assurance Cell -IQAC

Sl. No	Name	Designation	Contact No.
1.	Dr. Mohammed Riyaz Ahmed Principal, HKBKCE	Chairperson	8971079936
2.	Prof. Hussain Ahmed Professor - ECE	IQAC Head	9880716564
3.	Mr. Manzoor Ahmed Khan Secretary, HKBKGI	Member	9986624777
4.	Dr. Syed Mustafa A Professor & Head – ISE	Member	9844011062
5.	Dr. Salim Shariff Associate Professor & Head - ME	Member	7892869102
6.	Dr. C S Nagabhushan Professor & Head - Mathematics	Member	9964189984
7.	Prof. Zahira Tabassum Associate Professor - ECE	Member	9916701624
8.	Prof. Sumaiya Banu Asst. Professor	Member	9844048699
9.	Prof. Tahir Naquash Asst. Professor- CSE	Member	9036937955
10.	Mrs. Irshad Begum	Corporator - BBMP	9591538890
11.	Mr. Gurupreeth Director, Edgate Technologies	Member	9880170673
12.	Farha Hameed – 1HK10EC019 Alumni, Wireless Protocol Analyst, L&T Technologies	Member	9738100284
13.	Mr. Dilip Kumar Jain Parent of Ms. Bhavy Jain - 1HK20IS022 3 <sup>rd</sup> Semester - ISE	Member	9448688989
14.	Mr. Basavaraj - 1HK19CS032 6 <sup>th</sup> Semester - CSE	Member	9535287592

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

The Unnat Bharat Abhiyan (UBA) Cell is constituted with the following members w.e.f.  
15<sup>th</sup> November 2023.

### Unnat Bharat Abhiyan

Sl. No	Name	Designation	Associated With	Contact No. & Email ID
1.	Dr. Mohammed Riyaz Ahmed Principal, HKBKCE	Nodal Officer	Faculty Representative	8971079936 Principal@hkbk.edu.in
2.	Mr. Vinay A L Head - Student Support Services & Outreach	Member	Faculty Representative	9731761019 hod_sss@hkbk.edu.in
3.	Prof. Mohzeeba Tanveer Asst. Professor - CSE	Member	Faculty Representative	8792066963 mohzeebat.cs@hkbk.edu.in
4.	Prof. Rashmi C Asst. Professor - CV	Member	Faculty Representative	7349082226 rashmi.cv@hkbk.edu.in
5.	Prof. Naheem M R Asst. Professor- ISE	Member	Faculty Representative	9591797221 naheem.is@hkbk.edu.in
6.	Prof. Shubha A Asst. Professor- Chemistry	Member	Faculty Representative	9591469148 anands.ch@hkbk.edu.in
7.	Prof. Dinesh. H.A Asst. Professor- ME	Member	Faculty Representative	9620007996 dineshh.me@hkbk.edu.in
8.	Prof. Vijaya Lakshmi Asst. Professor- ECE	Member	Faculty Representative	9945086352 vijayalakshmiv.ec@hkbk.edu.in

The above committee is advised to conduct regular meetings and submit the MOM regularly

**Principal**

The AICTE committee is constituted with the following members w.e.f.  
15<sup>th</sup> November 2023.

### AICTE Committee

Sl. No	Name	Designation	Associated With	Contact No. & Email ID
1.	Dr. Mohammed Riyaz Ahmed Principal, HKBKCE	Chairperson	Faculty Representative	8971079936 principal@hkbk.edu.in
2.	Dr. A Syed Mustafa Prof. & Head, Dept. of ISE	Chief Coordinator	Faculty Representative	9844011062 mustafas.is@hkbk.edu.in
3.	Dr. Deepak N R Professor, Dept. of CSE	Member	Faculty Representative	9886467667 deepakn.cs@hkbk.edu.in
4.	Prof. Sharavana K Asst. Prof., Dept. of ISE	Member	Faculty Representative	9902054977 sharavanak.is@hkbk.edu.in
5.	Prof. Afroz Pasha Asst. Prof., Dept. of AIML	Member	Faculty Representative	8050327273 afrozp.ee@hkbk.edu.in
6.	Prof. Dinesh H A Asst. Prof., Dept. of ME	Member	Faculty Representative	9620007996 dineshh.me@hkbk.edu.in
7.	Prof. Syeda Husna Mohammadi Asst. Prof., Dept. of ECE	Member	Faculty Representative	9886076699 syedahusna.ec@hkbk.edu.in
8.	Prof. Chethana N Asst. Prof., Dept. of Engg. Physics	Member	Faculty Representative	9986965294 chetanan.phy@hkbk.edu.in
9.	Prof. Pooja Srinivas S Asst. Prof., Dept. of Engg. Chemistry	Member	Faculty Representative	9110698741 poojasrinivas.ch@hkbk.edu.in
10.	Prof. Rudresha D Asst. Prof., Dept. of Engg. Mathematics	Member	Faculty Representative	8147872395 rudreshac.mt@hkbk.edu.in

**Principal**

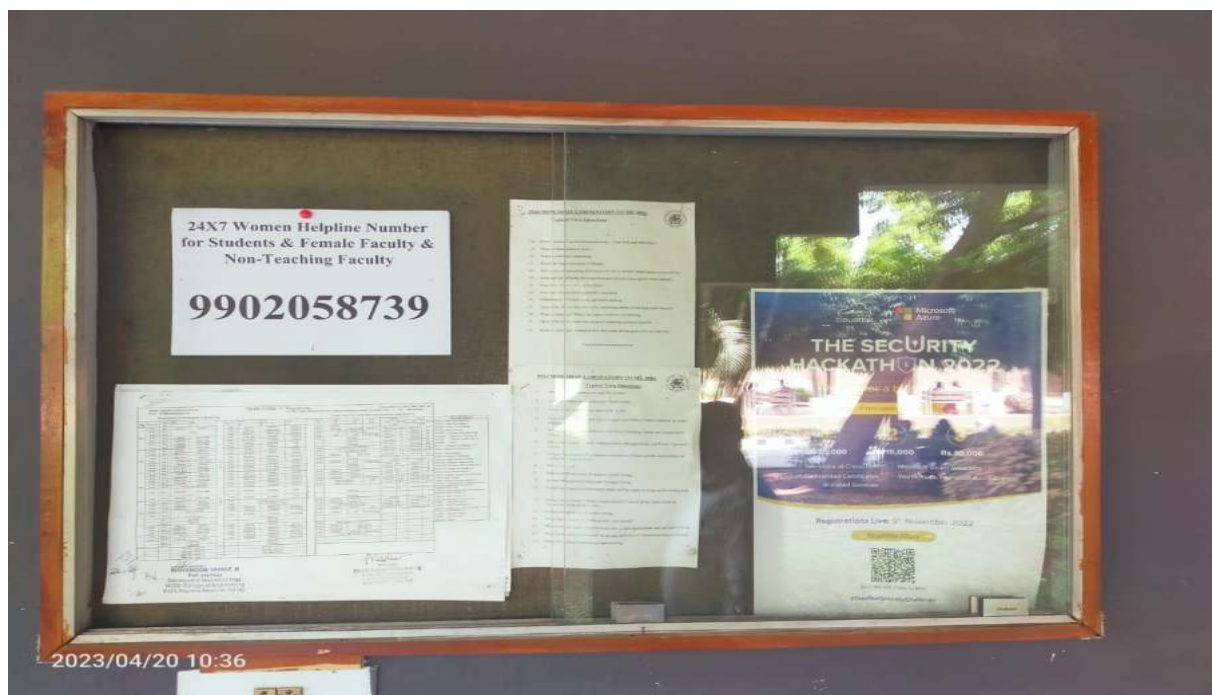
**Institution Innovation Council (IIC)**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Contact No.</b>
1.	Dr. Mohammed Riyaz Ahmed Principal, HKBKCE	President and NIRF Coordinator	8971079936
2.	Prof Surendra K V Asst. Prof. - ECE	Vice President and Startup Activity	9742093414
3.	Mr. Vinay A L Head- Student Support Services and Outreach	Convenor and Social Media Coordinator	9731761019
4.	Dr. Nandhagopal S M Professor - CSE	IPR Activity Coordinator	8088752554
5.	Dr. N.R. Deepak Professor - CSE	Innovation Activity Coordinator	9886467667
6.	Dr Mamatha Y N Professor - ECE	ARIIA Coordinator	9845433275
7.	Prof. Usman Aeijaz Asst. Prof.- ISE	Member	9590673506
8.	Dr. Syed Mustafa A HOD - ISE	Member	9844011062
9.	Prof Abdul Mujeeb N Asst. Prof.- ME	Internship Activity Coordinator	9632908465
10.	Prof Krishna Ranjani Asst. Prof.- AIML	Member	9790351509

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

## 24X7 Women Helpline Number for Students & Female Faculty & Non-Teaching Faculty





The Internal Quality Assurance Cell -IQAC is constituted with the following members w.e.f. 11<sup>th</sup> October 2023.

### **Internal Quality Assurance Cell -IQAC**

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Contact No.</b>
1.	Dr. Mohammed Riyaz Ahmed Principal, HKBKCE	Chairperson	8971079936
2.	Prof. Hussain Ahmed Professor - ECE	IQAC Head	9880716564
3.	Mr. Manzoor Ahmed Khan, Secretary, HKBKGI	Member	9986624777
4.	Dr. Syed Mustafa A Professor & Head - ISE	Member	9844011062
5.	Dr. Saleem Shariff Associate Professor & Head - ME	Member	7892869102
6.	Dr. C. S. Nagabhushan Professor & Head - Mathematics	Member	9964189984
7.	Dr. Zahira Tabassum Associate Professor - ECE	Member	9916701624
8.	Prof. Sumaiya Banu Assistant Professor	Member	9844048699
9.	Prof. Tahir Naquash, Assistant Professor-CSE	Member	9036937955
10.	Mr. Manish Bali Senior Director, UST	Member	9945192748
11.	Mr. Shanawaz Alam Junior Engineer, Wuerth Electronics	Member	6386756387
12.	Mr. Prasanna, Parent of Pooja -1HK20 IS073	Member	8867906713
13.	Mr Hussain Junaidi - 1HK21AI031 4 <sup>th</sup> semester - AIML	Member	9738027865

The above committee is advised to conduct regular meetings and submit the MOM regularly.

**Principal**

**Disciplinary & Malpractice Committee**

<b>Disciplinary Committee Members</b>			<b>Malpractice Committee Members</b>	
Dr. Chandrakumar K	Physics		Dr. Suraya Tarunum	ECE
Dr. Nadeem Pasha	ME		Dr. Nandhagopal S M	CSE
Prof. Umme Salma	Maths		Dr. Komala	ISE
Prof. Sharavana K	ISE			
Prof. Afroz Pasha	EEE			
Dr. Sharada K A	CSE			
Dr. C Venkateshan	ECE			
Prof. Priyanka M	English			

**Principal**

*The Grievance Redressal Committee is constituted with the following members w.e.f.  
15.11.2023*

***Grievance Redressal Committee***

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>	<b>Contact No.</b>
1.	Mr. Mansoor Ahmed Khan Secretary - HKBKGI	Chairman	9986624777
2.	Dr. Mohammed Riyaz Ahmed Principal - HKBKCE	Member	8971079936
3.	Prof. Hussain Ahmed IQAC Dept - HKBKCE	Member	9880716564
4.	Prof. Sheikh Haroon Safdar HOD EEE - HKBKCE	Member	9480429927
5.	Prof. Zahira Tabassum Assoc. Prof. EC Dept - HKBKCE	Member	9916701624
6.	Mr. Vinay L Head-Student Support Services & Outreach -HKBKCE	Member	9731761019

**Principal**

*Green Club*

Sl. No	Name	Designation	Associated with	Contact No.
1.	Dr. Sanaulla P.F - HOD Chemistry	Chairperson	HOD – Chemistry	9448226703
2.	Dr. Sharada. K.A	Member	CSE	9986834922
3.	Dr. Umadevi D	Member	Mathematics	9443525351
4.	Prof. Heena Kouser	Member	ISE	9035778486
5.	Prof. Anees Fathima	Member	ECE	8861024869
6.	Prof. Nehal Ahmad	Member	ME	9840224016
7.	Prof. Afroz Pasha	Member	AIML	8050327273
8.	Prof. Sumaiya Banu	Member	Humanities	9844048699

**Principal**

*NSS Unit*

Sl. No	Name	Designation	Associated with	Contact No.
1.	Dr. S Arshad Pasha Phy. Edu. Director / NSS Program Officer	Member	Phy. Edu. Director / NSS Program Officer	9844060671
2.	Prof. Sumaiya Banu	Member	Humanities	9844048699
3.	Prof. Liji Mol	Member	CSE	8277250483
4.	Prof. Simran Paul	Member	CSE	7795353975
5.	Prof. Naheem M R	Member	ISE	9591797221
6.	Prof. Sreekantha B	Member	ISE	9743283872
7.	Prof. Abdul Azeez	Member	ECE	9900443481
8.	Prof. Tansif Khan	Member	ME	9880038408
9.	Prof. C.V Lavanya	Member	CV	7676936048

**Principal**

*Sports*

Sl. No	Name	Designation	Associated with	Contact No.
1.	Dr. S Arshad Pasha Physical Education Director	Member	Physical Education Director	9844060671
2.	Prof. Sumaiya Banu	Member	Humanities	9844048699
3.	Prof. Liji Mol	Member	CSE	8277250483
4.	Prof. Simran Paul	Member	CSE	7795353975
5.	Prof. Naheem M R	Member	ISE	9591797221
6.	Prof. Sreekantha B	Member	ISE	9743283872
7.	Prof. Abdul Azeez	Member	ECE	9900443481
8.	Prof. Tansif Khan	Member	ME	9880038408
9.	Prof. C.V Lavanya	Member	CV	7676936048

**Principal**

***Youth Red Cross Unit***

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Associated with</b>	<b>Contact No.</b>
1.	Dr. S Arshad Pasha Phy. Edu. Director / NSS Program Officer	Member	Phy. Edu. Director / NSS Program Officer	9844060671
2.	Prof. Sumaiya Banu	Member	Humanities	9844048699
3.	Prof. Naheem M R	Member	ISE	9591797221
4.	Prof. Abdul Azeez	Member	ECE	9900443481
5.	Prof. Tansif Khan	Member	ME	9880038408
6.	Prof. Afroz Pasha	Member	AIML	8050327273
7.	Prof. Liji Mol	Member	CSE	8277250483

**Principal**

***Placement Committee***

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Associated with</b>	<b>Contact No.</b>
1.	Dr. N.R. Deepak	Member	CSE	9886467667
2.	Prof. Simran Pal	Member	CSE	7795353975
3.	Prof. Naheem M R	Member	ISE	9591797221
4.	Prof. Abdul Azeez	Member	ECE	9900443481
5.	Prof. Sathish K	Member	ECE	9894864708
6.	Prof. Dinesh. H.A	Member	ME	9620007996
7.	Prof. Kishore SR	Member	Civil	9036305251

**Principal**



***AISHE***

<b>Sl. No</b>	<b>Name</b>	<b>Designation</b>	<b>Associated with</b>	<b>Contact No.</b>
1.	Dr. Syed Mustafa	Chairperson	HOD – ISE	9844011062
2.	Prof. Srilakshmi	Member	CSE	6363534951
3.	Prof. Sharavana Kanniyappan	Member	ISE	9902054977
4.	Prof. Anees Fathima	Member	ECE	8861024869
5.	Prof. Nawaz Ahmed	Member	ME	9036745305
6.	Prof. Mohammed Yunus G S	Member	CIVIL	8553683401
7.	Prof. Jayasimha H N	Member	CHEMISTRY	9740570762
8.	Prof. Umme Salma	Member	MATHS	9964384378
9.	Prof. Mohsina Taj	Member	PHYSICS	9916501423

**Principal**

## PROGRAMMES APPROVED BY AICTE

S.NO	COURSES	DURATION	INTAKE
1	Computer Science and Engineering	4Years	180
2	Information Science and Engineering	4Years	120
3	Electronics and Communication Engineering	4Years	180
4	Mechanical Engineering	4Years	60
5	Artificial Intelligence/Machine Learning	4Years	60
6	Electronics and Communication Engineering (BE/B. Tech for Working Professional)	3Years	30

## **PROGRAMMES ACCREDITED BY NBA**

<b>S.NO</b>	<b>COURSES</b>	<b>DURATION</b>
1	Computer Science and Engineering	2015 - 2017 (2 Years)
2	Information Science and Engineering	2015 - 2017 (2 Years)
3	Electronics and Communication Engineering	2015 - 2017 (2 Years)  2019 - 2022 (3 Years)  2022 – 2025 (3 years)
4	Mechanical Engineering	2015 - 2017 (2 Years)
5	Electrical and Electronics Engineering	2015 - 2017 (2 Years)

## NAAC ACCREDITATION STATUS

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

# All India Council for Technical Education

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

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



## APPROVAL PROCESS 2023-24

### Approval for Working Professionals

F.No South-West/1-21116724/2023/LoA\_WP

Dated: 17.10.2023

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

**Sub: Approval for running courses in Engineering & Technology (Degree) for Working Professional for the Academic Year 2023-24**

Ref: Online request of the institution for grant of approval for running Degree Course(s) for the Working Professional for the Academic Year 2023-24

Sir/Madam,

In continuation to the approval issued to the following institution earlier for A.Y. 2023-24 and as per Guidelines issued by the Council vide no. AICTE/P&AP/APH/2023-24/02 dated 24.08.2023, it is hereby to convey grant of approval to run the courses as per details mentioned in the table below:

PID	Name of the Institute	Level	State	District/City	Course(s) (Intake)
I-21116724	HKBK COLLEGE OF ENGINEERING	Degree	Karnataka	Bangalore	Electronics and Communication Engineering - (30)

Note: -

The Approval of the aforesaid seats shall be over and above of the approved intake in a course and shall be supernumerary.

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

Copy to:

1. The Director of Technical Education\*\*, Karnataka
2. The Principal/Director,  
HKBK COLLEGE OF ENGINEERING,  
# 22/1, NAGAWARA, BANGALORE-560045
3. The Secretary/Chairman,  
E.D INNOVATION SOCIETY,  
#22/1, HKBK Group of Institutions, Near Manyata Tech Park, Nagawara
4. Guard File (AICTE)

# All India Council for Technical Education

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

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



## APPROVAL PROCESS 2021-22

### Extension of Approval (EoA)

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

Date: 02-Jul-2021

To,

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

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

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

Sir/Madam,

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

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

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

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

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

## Approved New Course(s)

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

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

**General Conditions for Vocational Courses:**

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

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

### **Important Instructions**

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

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

Copy \*\* to:

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

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

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

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



# All India Council for Technical Education

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

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



## APPROVAL PROCESS 2020-21

### Extension of Approval (EoA)

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

Date: 09-Jun-2020

To,

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

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

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

Sir/Madam,

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

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

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

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

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

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

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

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

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

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

#### **Important Instructions**

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

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

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

Copy to:

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

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

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

# All India Council for Technical Education

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

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



## APPROVAL PROCESS 2019-20

### Extension of Approval (EoA)

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

Date: 29-Apr-2019

To,

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

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

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

Sir/Madam,

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

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

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

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

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

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

+FT -Full Time,PT-Part Time

# Punitive Action against the Institute

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

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

+FT-Full Time,PT-Part Time

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

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

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

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

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

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

Copy to:

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

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

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

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

# All India Council for Technical Education

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

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



## APPROVAL PROCESS 2018-19

### Extension of Approval (EOA)

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

Date: 10-Apr-2018

To,

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

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

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

Sir/Madam,

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

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

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

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

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

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

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

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

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

+FT-Full Time,PT-Part Time

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

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

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

Copy to:

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



Karnataka,560045

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

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

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

# All India Council for Technical Education

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

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



## APPROVAL PROCESS 2023-24

### Extension of Approval (EoA)

F.No. South-West/1-38673292982/2023/EOA

Date: 10-Jun-2023

To,

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

#### Sub: Extension of Approval for the Academic Year 2023-24

Ref: Online application of the Institution submitted for Extension of Approval for the Academic Year 2023-24

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) Regulations, 2020 notified on 4th February 2020 and amended on 24th February 2021 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to:

Permanent Id	1-21116724	Application Id	1-38673292982
Name of the Institution	HKBK COLLEGE OF ENGINEERING	Name of the Society/Trust	E.D INNOVATION SOCIETY
Institution Address	# 22/1, NAGAWARA, BANGALORE-560045, BANGALORE, BANGALORE URBAN, Karnataka, 560045	Society/Trust Address	#22/1, HKBK Group of Institutions, Near Manyata Tech Park, Nagawara, BANGALORE, BANGALORE URBAN, Karnataka, 560045
Institution Type	Private-Self Financing	Region	South-West
Year of Establishment	1997		

Opted for Organization Name Change	Yes	Change of Organization Name Approved or Not	Not Approved
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#### To conduct following Courses with the Intake indicated below for the Academic Year 2023-24

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Visvesvaraya Technological University, Belgaum	60	60	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	COMPUTER SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	180	180	NA	No

Application No:1-38673292982

Note: This is a Computer generated Report. No signature is required.

Printed By : ae457411

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

HKBK College of Engineering  
S.No.22/1, Nagawara  
Arabic College Post  
Bangalore - 560 045

Page 1 of 4

Letter Printed On:10 July 2023

Level	Program	Course	Affiliating Body (University /Body)	Intake Approved for 2022-23	Intake Approved for 2023-24	NRI Approval Status	FN / Gulf quota/ OCI/ Approval Status
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	ELECTRONICS & COMMUNICATION ENGG	Visvesvaraya Technological University, Belgaum	180	180	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	INFORMATION SCIENCE AND ENGINEERING	Visvesvaraya Technological University, Belgaum	120	120	NA	No
UNDER GRADUATE	ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	Visvesvaraya Technological University, Belgaum	60	60	NA	No

**NOC for conducting Vocational Courses for 2023-24:**

Sr.No.	Program	Level	Course (Specialization)	Intake Approved 2023-24
1.	ENGINEERING AND TECHNOLOGY	DIPLOMA	PRODUCTION TECHNOLOGY	30
2.	MANAGEMENT/IT/ITES	DIPLOMA	GRAPHICS AND MULTIMEDIA	30
3.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	ELECTRONIC MANUFACTURING SERVICES	30
4.	ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	PRODUCTION TECHNOLOGY	30

**General Conditions for Vocational Courses:**

1. It is mandatory to comply with all the provisions as given in APH 2023-24 (Chapter VI) and also in the 'Guidelines for Institutions Applying for Running Vocational Courses' uploaded at [www.aicte-india.org/education/vocational-education](http://www.aicte-india.org/education/vocational-education)
2. The Institution will ensure that the minimum batch size of 10 students shall be maintained for each course.
3. The courses must be conducted as per the guidelines issued under SAMVAY (Skill Assessment Matrix for vertical advancement of Youth). Training under these courses must be aligned with the outcome at each level as prescribed under National Skill Qualification Framework (NSQF).

**It is mandatory to comply with all the essential requirements as given in APH 2023-24 (Appendix 6)**



### **Important Instructions**

1. The State Government/ UT/ Directorate of Technical Education/ Directorate of Medical Education shall ensure that 10% of reservation for Economically Weaker Section (EWS) as per the reservation policy for admission, operational from the Academic year 2019-20 is implemented without affecting the reservation percentages of SC/ ST/ OBC(NCL) / General. However, this would not be applicable in the case of Minority Institutions referred to the Clause (1) of Article 30 of Constitution of India. Such Institution shall be permitted to increase in annual permitted strength over a maximum period of two years.
2. The Institution offering courses earlier in the Regular Shift, First Shift, Second Shift/Part Time are now amalgamated as total intake and shall have to fulfil all facilities such as Infrastructure, Faculty and other requirements as per the norms specified in the Approval Process Handbook 2023-24 for the Total Approved Intake. Further, the Institutions Deemed to be Universities/ Institutions having Accreditation/ Autonomy status shall have to maintain the Faculty: Student ratio as specified in the Approval Process Handbook.
3. Strict compliance of Anti-Ragging Regulation, Establishment of Committee for SC/ ST, Establishment of Internal Committee (IC), Establishment of Online Grievance Redressal Mechanism, Barrier Free Built Environment for disabled and elderly persons, Fire and Safety Certificate should be maintained as per the provisions made in Approval Process Handbook and AICTE Regulation notified from time to time.
4. In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.
5. As per the AICTE Notification dated 29.01.2014 and amended thereto, it shall be mandatory for each Technical Education Institution, University Department and Institution Deemed to be University imparting Technical Education to get accreditation (NBA) for at least 60% of the eligible courses in the next ONE (1) Years' time, otherwise EoA for the subsequent Academic Year (A.Y. 2024-25) shall not be issued by the Council.
6. Deemed to be University: Institutions Deemed to be Universities (Running Technical Education Programmes), it is mandatory to have AICTE approval from the Academic Year 2018-19 in compliance of the Hon'ble Supreme Court Order dated 03-11-2017 passed in CA No.17869- 17870 /2017.

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

Copy to:

1. **The Director Of Technical Education\*\*, Karnataka**
2. **The Registrar\*\*,  
Visvesvaraya Technological University, Belgaum**
3. **The Principal / Director,  
HKBK COLLEGE OF ENGINEERING  
# 22/1, Nagawara, Bangalore-560045,  
Bangalore,Bangalore Urban,  
Karnataka,560045**
4. **The Secretary / Chairman,  
#22/1, HKBK Group of Institutions, Near Manyata Tech Park, Nagawara  
BANGALORE,BANGALORE URBAN  
Karnataka,560045**
5. **Guard File(AICTE)**

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

\*\* Individual Approval letter copy will not be communicated through Post/Email. However, a consolidated list of Approved Institutions(bulk) may be downloaded from the respective login id's.

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





# All India Council for Technical Education

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

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

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

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

Date: 10-Apr-2017

To,

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

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

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

Sir/Madam,

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

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

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

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

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



# All India Council for Technical Education

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

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

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

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



# All India Council for Technical Education

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

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

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

MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Visvesvaraya Technological University, Belgaum	60	60	NA	NA	NA
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The above mentioned approval is subject to the condition that

HKBK COLLEGE OF ENGINEERING

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

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

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

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

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

Copy to:

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

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





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

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

Nelson Mandela Marg Vasant Kunj, New Delhi-110067

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



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

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

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

Date: 25-Apr-2016

To,

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

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

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

Sir/Madam,

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

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

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

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

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



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

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

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



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

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

MANAGEMENT	1st Shift	POST GRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Vesveswaraiah Technological University, Belgaum	60	60	NA	NA	NA
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The above mentioned approval is subject to the condition that HKBK COLLEGE OF ENGINEERING shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

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

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

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

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

Copy to:

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



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

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

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

Date: 07-Apr-2015

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

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

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

Sir/Madam,

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

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

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

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

Application Number: 1-2460097163\*

Page 1 of 4

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

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



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

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

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

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

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

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

**Dr. Avinash S Pant**

Application Number: 1-2460097163\*

Page 3 of 4

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**Actg Chairman, AICTE**

Copy to:

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





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

Date: 04-Jun-2014

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

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

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

Sir/Madam,

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

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

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

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

Application Number: 1-2016594398\*

Page 1 of 4

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Letter Printed On:9 June 2014

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

Application Number: 1-2016594398\*

Page 2 of 4

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

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

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

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

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

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

Member Secretary, AICTE



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Copy to:

1. **The Regional Officer,**  
All India Council for Technical Education  
Health Centre Building  
Bangalore University Campus  
Bangalore - 560 009, Karnataka
2. **The Director Of Technical Education,**  
Karnataka
3. **The Registrar,**  
Visvesvaraya Technological University, Belgaum
4. **The Principal / Director,**  
HKBK COLLEGE OF ENGINEERING  
# 22/1, NAGAWARA, BANGALORE-560045,  
BANGALORE,BANGALORE URBAN,  
Karnataka,560045
5. **The Secretary / Chairman,**  
KARNATAKA STATE MUSLIM FEDERATION  
# 6/1, CANTONMENT RAILWAY STATION ROAD,,  
BANGALORE,BANGALORE URBAN,  
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F.No. South-West/1-1419482932/2013/EOA

Date: 19-Mar-2013

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

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

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

Sir/Madam,

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

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

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

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



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



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

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

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

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

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

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

Member Secretary, AICTE

Copy to:

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



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

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

6. **Guard File(AICTE)**







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

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

Date: 10 May 2012

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

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

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

Sir/Madam,

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

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

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

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

Application Number: 1-736732742

Page 1 of 4

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

Letter Printed On: 17 May 2012.

Printed By : AE457411



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PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

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



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

Application Id: 1-736732742			Course	Full/Part Time	Affiliating Body	Intake 2011-12	Intake Approved for 12-13	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRONICS	FULL TIME	Vivekananda Technological University, Belgaum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	THERMAL ENGINEERING	FULL TIME	Vivekananda Technological University, Belgaum	18	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Vivekananda Technological University, Belgaum	0	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Vivekananda Technological University, Belgaum	0	90	No	No	No

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

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





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

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

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

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



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

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

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

Date: 01-05-2011

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

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

Sir/Madam,

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

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

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

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



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7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
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Application ID: 1-401811551			Course	Full/Part Time	Affiliating Body	Intake 2010-11	Intake Approved for 11-12	NRI	PIO	Foreign Collaboration
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Viveksaraya Technological University, Belgaum	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	MECHANICAL ENGINEERING	FULL TIME	Viveksaraya Technological University, Belgaum	90	120	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	UNDERGRADUATE	INFORMATION SCIENCE AND ENGINEERING	FULL TIME	Viveksaraya Technological University, Belgaum	60	60	No	No	No
MANAGEMENT	1st Shift	POSTGRADUATE	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Viveksaraya Technological University, Belgaum	60	60	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POSTGRADUATE	ELECTRONICS & COMMUNICATION ENGINEERING	FULL TIME	Viveksaraya Technological University, Belgaum	0	18	No	No	No
ENGINEERING AND TECHNOLOGY	1st Shift	POSTGRADUATE	THERMAL ENGINEERING	FULL TIME	Viveksaraya Technological University, Belgaum	0	18	No	No	No

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

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



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

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
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by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

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

(Dr. K P Isaac)

Member Secretary, AICTE

Copy to:

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





# All India Council for Technical Education

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

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

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

August 23, 2010

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

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

Sir,

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

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

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

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

The above mentioned approval is subject to the condition that:

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

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

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

Yours faithfully,  
  
Dr. S. G. Bhurud  
Director

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







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

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

Copy to:

1. The Regional Office, South-West Region, Karnataka
2. The Director of Technical Education, Govt. of Delhi.
3. Guard File (AICTE)
4. The Registrar, Affiliating University
5. The Principal / Director,  
KARNATAKA STATE MUSEUM FEDERATION, HKBK COLLEGE OF ENGINEERING, # 32/1, NAGAWARA, BANGALORE-560048, BANGALORE,  
KARNATAKA, PIN : 560048

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





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

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

## RESTORATION LETTER

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

To,

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

**INWARD NO. 6986**

Date: 15-06-2009

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

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

Sir,

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

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

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

Yours faithfully,

(DevVrat Singh)  
Adviser (E&T)

Copy to:

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

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

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

4. The Registrar,  
Visweswaraiiah Technology University,  
Machache Campus, Santebatawad Road,  
Belgaum-560 014

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



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

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

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

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





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

F. No. 770-53-228(E)/ET/95

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

To,

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



*[Handwritten signature]*

RECEIVED NO. 4763  
Date 17/07/08

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

Sir,

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

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

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

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

## > Faculty:

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

Course (s)	Faculty required	Faculty available	Shortfall Number
MBA	06	06	02
H & S	28	12	16

## BUILT-UP AREA:

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

Contd., 2/-



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

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

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

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


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

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



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

Yours faithfully,



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

Copy to:

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



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

Revised Letter

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

To,

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



24/7/07

INLET NO. 4813  
 Date 24/07/07

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

Sir,

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

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

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

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

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

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

Please note that other terms & conditions in the earlier letter of even no dated 15/05/2007 will remain unchanged.

Yours faithfully,

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

AICTE Approved  
 Date 24/7/07

Copy to:

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

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





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

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

September 5, 2006

To,

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



3625  
 INWARD NO. 4109/06  
 Date 11/09/06

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

Sir,

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

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

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

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

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

Yours faithfully,

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

Copy to:

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

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

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

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

वेबसाइट / Website : www.aicteernet.in

M. Sagar  
 AICTE file  
 14/09/06



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

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

To

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

**SPEED POST**

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

Sir,

This is to inform that the above said proposal submitted by you for  
Additional Course(s)  
MBA - 60  
Variation in Intake  
Electronics & Commn. Engg. - 60 to 90  
Electrical & Electronics Engg. - 90 to 60

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

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

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

Yours faithfully,

(Dr. Surjit Angra)  
Regional Officer

Copy to:

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



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





अखिल भारतीय तकनीकी शिक्षा परिषद्  
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

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

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

June 23, 2005

To

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

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

Sir/ Madam,

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

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

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

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

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

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

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली - 110002  
Indira Gandhi Sports Complex, I. P. Estate, New Delhi - 110 002  
दूरभाष / Phone : 23392506, 63-66-68, 71, 73-75 फैक्स / Fax : 011-23392554  
वेबसाइट / Website : www.aicteernet.in

INWARD NO 1022

Date 8/4/05



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

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

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

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

**Enclosure:-** Annexure-A

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

Yours faithfully

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

**Copy to :**

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



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

**Faculty**

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

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

**Library**

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

**Computers**

- ❖ Atleast 40 more latest PCs to be added

**Others**

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





अखिल भारतीय तकनीकी शिक्षा परिषद्  
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(भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)

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

June 23, 2005

To

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

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

Sir/ Madam,

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

इंदिरा गांधी खेल परिसर, इन्द्रप्रस्थ एस्टेट, नई दिल्ली - 110002  
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वेबसाइट / Website : www.aicteernet.in



INWARD NO 1022

Date 8/4/05



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

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

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Yours faithfully

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

**Copy to :**

1. The Principal,  
H.K.B.K.COLLEGE OF ENGG.  
S.NO.22/1, NAGAWARA, ARABIC COLLEGE POST,  
BANGALORE 560 045
2. The Regional Officer, AICTE, South-West Regional Office, Bangalore University Campus,  
P.K.Block, Palace Road, Bangalore-560 001
3. The Director, Directorate of Technical Education, Palace Road, Bangalore - 560 001.
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- ❖ More number of books should be issued to the students.

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- ❖ Atleast 40 more latest PCs to be added

**Others**

- ❖ Placement cell needs improvement
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- ❖ reorganisation of the labs of ECE/Medical Electronics/EEE is necessary. Better quality of equipments should be added.
- ❖ Fencing / Boundary wall of college campus is desired.
- ❖ Interaction between Students/ Administration and Management is poor.
- ❖ Built up area short by 1402 Sq. Meters.







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

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

Date : 14-05-2004

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

FORWARD NO. 2613  
 Date 20/5/04



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

Sir / Madam,

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

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

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

प्रमाणित किया जाता है कि उपरोक्त जानकारी सही है।  
 सचिव, शिक्षा विभाग, सरकार, कर्नाटक

श्री/श्रीमती का नाम : सचिव, शिक्षा विभाग, सरकार, कर्नाटक

पता : गवर्नर भवन, 1, ए. टी. स्टेट, भवन, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

2004/05/04, 2004/05/05, 2004/05/06, 2004/05/07, 2004/05/08, 2004/05/09, 2004/05/10, 2004/05/11, 2004/05/12, 2004/05/13, 2004/05/14, 2004/05/15, 2004/05/16, 2004/05/17, 2004/05/18, 2004/05/19, 2004/05/20, 2004/05/21, 2004/05/22, 2004/05/23, 2004/05/24, 2004/05/25, 2004/05/26, 2004/05/27, 2004/05/28, 2004/05/29, 2004/05/30, 2004/05/31, 2004/06/01, 2004/06/02, 2004/06/03, 2004/06/04, 2004/06/05, 2004/06/06, 2004/06/07, 2004/06/08, 2004/06/09, 2004/06/10, 2004/06/11, 2004/06/12, 2004/06/13, 2004/06/14, 2004/06/15, 2004/06/16, 2004/06/17, 2004/06/18, 2004/06/19, 2004/06/20, 2004/06/21, 2004/06/22, 2004/06/23, 2004/06/24, 2004/06/25, 2004/06/26, 2004/06/27, 2004/06/28, 2004/06/29, 2004/06/30, 2004/07/01, 2004/07/02, 2004/07/03, 2004/07/04, 2004/07/05, 2004/07/06, 2004/07/07, 2004/07/08, 2004/07/09, 2004/07/10, 2004/07/11, 2004/07/12, 2004/07/13, 2004/07/14, 2004/07/15, 2004/07/16, 2004/07/17, 2004/07/18, 2004/07/19, 2004/07/20, 2004/07/21, 2004/07/22, 2004/07/23, 2004/07/24, 2004/07/25, 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The Approval accorded above is subject to the conditions that any of the following is not violated or intervened during the period of validity of said approval.

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

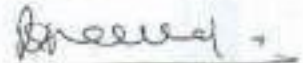
Consequent to the Supreme Court Judgment, the Model Constitution of Governing Body notified by AICTE in its approval Regulations 1994, stands overruled. It has been decided that while AICTE will not insist on any nomination in the Governing Body of Private Unaided Institutions, the Affiliating University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

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

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

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

Yours faithfully,



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

Encl.: Suggested Improvements (Specific Conditions) :

Copy to:

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





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

S.No.34

F.No.:

Date:30.04.2003

To

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

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

Sir/Madam,

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

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

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

May 5/03

Received

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

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

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

*Carth.*

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

**SUGGESTIONS FOR IMPROVEMENTS ::**

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



F.No.

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

Your faithfully,

*R. S. Gaud*

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

Encl: Suggested Improvements (Specific Conditions)

Copy to:

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



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

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

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

CORRIGENDUM

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

Sir/Madam,

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

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

The necessary changes may please be incorporated in your records.

Yours faithfully,

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

*M. S. L.*

Copy to:

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

*21/7/03*

*copy to administrative*  
*21/7/03*





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

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

To

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

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

Sir,

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

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

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

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

Contd...2/-

To AICTE File  
21/7

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

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

Yours faithfully,

(P.N.RAZDAN)  
ADVISER (UG)

copy to:

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

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

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

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

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

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

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

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

To check

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



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

F.No 770-53-228(E)ET96

Date: July 12, 2001

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

REVISED LETTER

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

Sir,

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

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

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

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

*[Signature]*  
Coord. V.

*[Signature]*

*[Signature]*



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

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

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

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



Yours faithfully



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

copy to:

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

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

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

2. The Director of Technical Education, Govt of Karnataka, Palace Road, Bangalore - 560 001.
3. The Registrar, BANGALORE UNIVERSITY /VTU

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

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

NAME OF THE INSTITUTION	SE/PROGRAMME
SR. B.K. COLLEGE OF ENGG. STATION ROAD BANGALORE 560 051	DEGREE IN ENGINEERING & TECHNOLOGY

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

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

*[Signature]*  
ADVISER (E&T)



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

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

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

23/9/2000

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

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

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

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

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

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

- 1/3 -





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

Continuation Sheet .....

F.No.770-S3-228(E)/ET/96.

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

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

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

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

Yours faithfully,

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



COPY TO :

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

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

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

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

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

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

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

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

4. The Registrar, BANGALORE UNIVERSITY

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

5. Guard File.

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



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

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

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

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

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

Sir,

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

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

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

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

Catd:2....

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

A. K. Khandel

16/7/99.

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





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

Continuation Sheet .....

- 2 -

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

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

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

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

Yours faithfully,

Sours 1

(R.G. Sangameshwar)

14/2/94





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

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

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

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

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

Sir,

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

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

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

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

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

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

for personal  
 of secretary  
 25/9

noted.

Place this  
 Before the  
 meeting  
 of 25/9

Contd. 2

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

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

Yours faithfully,



(D.G. SANGAMESHWARA)

Copy to :

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

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

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

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

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

4. Guard File.

  
(B.G. SANGAMESHWARA)  
Adviser





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

Prof. B.C. Sankarashvart  
Adviser(AIT)

F.770-11-124/1.1.88  
Date - 12th August, 1988

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

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

Sir,

I am directed to state that based on the consultations with the concerned State Govt. and the affiliated university and on recommendations of the Regional Committee and the Expert Committee constituted by the Council and in view of the provisions of AICTE regulations, the All India Council for Technical Education (AICTE), is pleased to accord approval to KARNATAKA STATE MUSLIM FEDERATION NO.81 BENSON CROSS-BENSON TOWN BANGALORE - 560 046. for the establishment of M K F COLLEGE OF ENGG STATION ROAD BANGALORE - 560 051 and to conduct following degree courses in ENGINEERING & TECHNOLOGY with an annual intake mentioned and not more for the session 1987-1988.

Courses	Intake Level	Duration
Computer Science Engg.	45 Degree ✓	4 years
Electronics & Comm. Engg.	45 Degree ✓	4 years
Mechanical Engg.	45 Degree ✓	4 years
Information Science & Technology	45 Degree ✓	4 years

TOTAL 180

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

The admission will be made in accordance with Regulations notified by the AICTE vide GSR dated 20.11.1987 and 19.12.1987 and for the degree course notified dated 04.07.1987 with regard to AICTE No. 107 of 1987 in the case of any institution of higher and v/s. State Government or Agency or other and others etc. and later amendments. No management (institution) of higher and v/s. State Government or Agency or other and others etc. and later amendments. No management (institution) of higher and v/s. State Government or Agency or other and others etc. and later amendments. No management (institution) of higher and v/s. State Government or Agency or other and others etc. and later amendments.

Further in the event of non-compliance or non-fulfilment of the norms and standards as stipulated by the Council, the Council shall have the right to withdraw approval and the institution coming out of such approval shall be liable for the management (institution) of higher and v/s. State Government or Agency or other and others etc. and later amendments.

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

For the Council, the concerned Regional Office and AICTE, New Delhi, the following are the details of the institution and the management (institution) of higher and v/s. State Government or Agency or other and others etc. and later amendments.

*[Signature]*  
18/8/88

Copy to :

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

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

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

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

3. REGISTRAR/SECRETARY, BANGALORE UNIVERSITY

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

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

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

5. Guard File.

*Sone*  
B. V. BANUAMESHA  
ADVISER ETI



# NATIONAL BOARD OF ACCREDITATION

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



Dated: 21-12-2015

F.No.25-168/2013-NBA

To,

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

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

Sir,

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

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

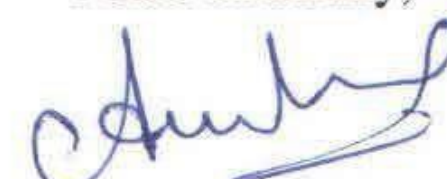
Sl. No.	Name of the Programmes (UG)	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 01.07.2015	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier-II Document	Provisionally Accredited (636 marks awarded by the Visiting Team reduced to 626 as per the observations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

Contd/...



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

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

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

**Copy to:**

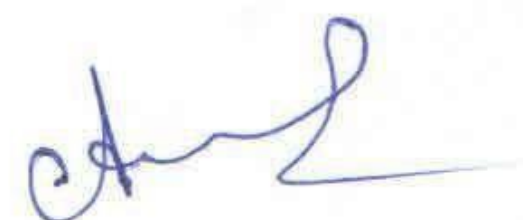
1. The Principal Secretary (Higher Education) Government of Karnataka,  
K.G.S., 6th Floor, M.S. Building, R.N. 645,  
Dr. B.R. Ambedkar Road, Bangalore-560001.
2. The Director of Technical Education,  
Tantrik Shikshan Bhawan, Place Road, Bangalore, Karnataka-560001
3. The Registrar,  
Visvesvaraya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



ANNEXURE

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

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





# NATIONAL BOARD OF ACCREDITATION

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



File No: 25-168-2013-NBA

Date: 20-12-2019

To,

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

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

Sir,

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

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

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

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

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

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

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

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

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

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

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

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

**Copy to:**

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

# राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003

## NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



File No. 25-168/2013-NBA

Date 19-10-2022

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

**Subject:** Further accreditation status on the basis of Compliance Report of the program in Tier II offered by **HKBK College of Engineering, #22/1 Nagawara, Bangalore-560045, Karnataka.**

Sir,

This is regarding Compliance Report submitted by **HKBK College of Engineering, #22/1 Nagawara, Bangalore-560045, Karnataka** for the UG Engineering program which was accredited by NBA in Tier-II for Academic Years 2019-20 to 2021-22 i.e. up to 30-06-2022.

2. An Expert Team conducted data verification of the program on 19<sup>th</sup> June, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the program as given in the table below:

Sl. No	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electronics & Communication Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2022-2023 to 2024-2025 i.e. Up to 30-06-2025	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the Competent Authority, whichever is earlier.

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

4. The program has been granted accreditation for further 3 years. **HKBK College of Engineering, #22/1 Nagawara, Bangalore-560045, Karnataka** should submit fresh online application under First Cycle SAR Tier II June 2015 document through eNBA portal at least five months before the expiry of validity of accreditation mentioned above.

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

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

7. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance

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of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy of Report of the Visiting Team in respect of the above program is enclosed.

Yours faithfully,



(Dr. Anil Kumar Nassa)  
Member Secretary

Encls: 1. Copy of Report of the Visiting Team in respect of the program.

Copy to:

1. Principal Secretary (Hr. & Tech. Education)  
Govt. of Karnataka, K.G.S., 6th Floor  
M.S. Building, R. No. 645, Dr. B.R Ambedkar Road  
Banglore-560001, Karnataka
2. The Registrar,  
Visvesvaraya Technological University  
Jnana Sangama, Belgaum-590018, Karnataka
3. Director Technical Education  
Tantrik Shikshan Bhawan  
Palace Road, Banglore-560001, Karnataka
4. Accreditation File
5. Master Accreditation file of the State





# **HKBK COLLEGE OF ENGINEERING**

**Department of Computer Science and Engineering**

**Mandatory Disclosure**

**Mandatory Disclosure- Computer Science Department**

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

Approval Description:

[illegible]

Consultancy Activities		NIL
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<b>Department Activity (FDP / SDP / VAC / Certification )</b>	YEAR	TITLE	Organised by	DATE
	<b>2015-2016</b>	Machine Learning, NLP And IOT Using Momentum with Hands-On Training	Prof. Tabassum Ara, Prof. Pakruddin B	27-01-2016 To 31-01-2016
		5days FDP on ADE and DS with C Laboratories	Prof. Sumathi D Prof. Archana H	21-07-2016 To 25-07-2016
	<b>2017-2018</b>	5days FDP on DBMS lab with mini project	Prof. Smitha Kurian, Prof. Sumathi	30-08-2017 To 03-09-2017
		5days FDP on Latex	Prof. Smitha Kurian, Prof. Tabassum Ara	22-06-2017 To 26-06-2017
		2days FDP on Cyber Security and Forensic	Prof. Khallikkunaisa, Prof. Chandrakala H L.	09-01-2018 To 10-01-2018
		3days FDP on System Software And Operating System Lab	Prof. Neelam Malyadri, Prof. Pushpa M	29-01-2018 To 31-01-2018
	<b>2019-2020</b>	3days FDP on ADE Lab	Prof. Khallikkunaisa, Prof. Bhagya K Prof. Neelam Malyadri, Prof. Archana H	25-07-2019 To 27-07-2019
		5days FDP on MES lab conducted	Prof. Archana H Prof. Jenita J Prof. Imran Ulla Khan.	06-02-2020 To 10-02-2020
	<b>2021-2022</b>	5days FDP on Android Application Development using Kotlin	Prof. Sonia M Dsouza, Prof. Sharon M Prof. Sushma K S N Prof. Shipra P	18-04-2022 To 22-04-2022
		5days FDP on Artificial Intelligence	Dr. Nandha Gopal S M, Dr. Loganathan D	05-12-2022 To 09-12-2022
	<b>2023-2024</b>	5days FDP on Angular JS and Node JS	Dr. Nandha Gopal S M, Dr. Deepak N R	25-09-2023 To 29-09-2023
	<b>STUDENT DEVELOPMENT PROGRAM</b>			
	AY	TITLE	Organized by	DATE
	<b>2016-2017</b>	Python Workshop	Prof. Smitha Kurian	06-08-2016
		Front end design using Angular	Prof. Naleem	15-02-2017

		java script	Malyadri	
	<b>2017-2018</b>	Android and spring Training Programme	Prof. Pushpa Mohan	11-09-2017 To 15-09-2017
		Bridge course on OOPS concept with C++	Prof. Khallikunaisa Prof. Naleem Malyadri	02-02-2018 To 04-02-2018
		Cryptography network security and cyber law	Prof. Smitha Kurian Prof. Priya Rathod	15-02-2018 To 16-02-2018
	<b>2018-2019</b>	Machine learning with python	Prof. Smitha Kurian Prof. Priya Rathod	05-10-2018
		Workshop on Emerging Technologies	Prof. Smitha Kurian Prof. Krishna Girish	30-10-2018 To 31-10-2018
		Workshop on Internet of things	Prof. Khallikunaisa	15-06-2018
		Workshop on Offensive security and penetration testing	Prof. Smitha Kurian	29-03-2019 To 30-03-2019
		Bridge course on OOPS concept with C++	Prof. Archana Homb Prof. Amreen Khanam Prof. Mary NAthisiya Prof. J Jenita	11-02-2019 To 16-02-2019
		Workshop on real time applications of python	Prof. Bhagya K	23-03-2019
		Technical writing in association with NOKIA	Prof. Khallikunaisa Prof. Naleem Malyadri Prof. Bhagya K Prof. Chandrakala H L	29-03-2019
	<b>2019-2020</b>	Workshop on Entrepreneurship & start-up	Prof. Khallikunaisa Prof. Naleem Malyadri Prof. Imranulla Khan	14-09-2019
		Android Mobile App Development	Prof. Archana Homb Prof. Amreen Khanam Prof. Mary NAthisiya Prof. J Jenita	23-09-2019 To 24-09-2019
		seminar on Universal Human Values	Prof. Khallikunaisa Prof. Naleem Malyadri Prof. Imranulla Khan Prof. Pakruddin B Prof. Manzoor Ahmed	26-09-2019
		Network Simulator-2	Prof. Bhagya K Prof. Chandrakala H L Prof J Suneetha	30-09-2019 To 02-10-2019



			Prof. Pundalik Chavan Prof. Nidhi Sinha	
		Developing Web Apps using SERVLETS and JSP	Prof. Hunsu Tabassum Prof. Seema Shivapur Prof. Radha Prof. Ramya K M	31-10-2019
		Software testing Automation Tools	Prof. Bhagyta K Prof. Chandrakala H L Prof. J Suneetha Prof. Pundalik Chavan Prof. Nidi Sinha	07-11-2019
		AWS DevOps-Dockers,Ansible and Cloud Formation	Prof. Khallikunaisa Prof. Naleem Malyadri Prof. Imranulla Khan Prof. Pakruddin B Prof. Manzoor Ahmed	13-02-2020 To 14-02-2020
		Bridge course-OOPS concept with C++	Prof. Bhagya K Prof. Chandrakala H L Prof J Suneetha Prof. Pundalik Chavan Prof. Nidhi Sinha	04-02-2020 To 11-02-2020
		Entrepreneurship and start-up Ideas	Prof. Khallikunaisa Prof. Imranulla Khan Prof. Pundalik Chavan	12-11-2020
	<b>2020- 2021</b>	Future Technology Trends Opportunities and challenges for young minds	Dr. Sharadha K A Prof. Khallikunaisa Prof. Naleem Malyadri Prof. Niranjana L	29-03-2021 To 02-04-2021
	<b>2021- 2022</b>	Seminar on Cloud Computing	Dr. D Loganathan	19-03-2022
		IOT hands on session using Simulator	Dr. Sharadha K A Prof. Swaathiee Prof. Jenita J Prof. Ayesha Anjum	22-06-2022 To 24-06-2022
	<b>2022- 2023</b>	Workshop on Amazon Web Services Cloud Platform	Dr. Sharadha K A Prof. Khallikunaisa	28-11-2022 To 02-12-2022
		5days SDP on Angular JS And Node JS	Dr. Deepak N R Dr. Nandha Gopal S M	25-09-2023 To 29-09-2023
	<b>VALUE ADDED COURSES</b>			
	<b>AY</b>	<b>TITLE</b>	<b>Organised by</b>	<b>DATE</b>
		Machine Learning with Python	Prof. Husna Tabassum, Prof. Ramya K M,	25-10-2019 To

	<b>2019-2020</b>		Prof. Seema Shivapur, Prof. Radha.	28-10-2019
		No SQL using AWS	Dr. Loganathan R, Prof. Tabassum Ara, Prof. Smitha Kurian	14-10-2019 To 17-10-2019
		Value added course on IoT	Dr. Loganathan, Prof. Tabassum Ara, Prof. Smitha Kurian	10-01-2022 To 18-01-2022
		Robotic Process Automation	Prof. Archana Hombalimat, Prof. Amreen khanum, Prof. Manjula H T, Prof. Mary Sathisiya, Prof. Jenita J	06-02-2020 To 09-02-2020
	<b>2020-2021</b>	Core skills for competitive programmers	Dr. Deepak N R, Prof. Husna Tabassum, Prof. Seema Shivapur, Prof. Jenita	19-04-2021 To 23-04-2021
	<b>2021-2022</b>	Web Devs using Angula JS	Dr. Ramkumar, Prof. Smitha Kurian, Prof. Tahir Naquash H B	03-01-2022 To 07-01-2022
		Core skills for competitive programmers	Prof. Smitha Kurian, Prof. Tahir Naquash H B, Prof. Najmusher.	02-03-2022 To 06-03-2022
	<b>2022-2023</b>	Building Sustainable Communities	Prof. Khallikkunaisa, Prof. Husna Tabassum, Prof. Najmusher.	07-08-2022 To 25-08-2022
		Core Java Programming	Dr. Deepak N R, Dr. Smitha Kurian, Prof. Tahir Naquash H B,	07-03-2023 To 11-03-2023
		Python Programming and GUI	Dr. Deepak N R, Prof. Tahir Naquash H B, Prof. Simran Pal R, Prof. Aysha Anjum, Prof. Preetha M	18-07-2023 To 22-07-2023

### CERTIFICATION COURSES ORGANISED

<b>2020 - 2021</b>	Web Devs using Angular JS	Prof. Husna Tabassum Prof. Seema Shivapur Prof. J Jenita	05-04-2021 To 10-04-2021
<b>2021 - 2022</b>	HTML & PHP on Web Development	Dr. Ram Kumar Prof. Smita Kurian Prof. Tahir Naquash	14-03-2022 To 18-03-2022

### List of Faculties Attended – NPTEL Courses

### List of Faculties Attended SWAYAM Course

Year	Subject	Faculty Name
2021-22	Web Based Technologies & Multimedia Applications	Dr. C.Viji
	Research Ethics	Veeresh.K.M
2020-21	-	-
2019-20	-	-

Year	Subject	Faculty Name
2021-22	Big Data Computing	Dr.Ramkumar.M
	Big Data Computing	Dr. Viji.C
	Computer Networks and Internet Protocol	Najmusher.H
	Computer Networks and Internet Protocol	Jenita.J
	Machine learning for Soil and Crop Management	Dr.Sharadha.K.A
	Programming in Java	Dr.Viji.c
	Big Data Computing	Dr.Ramkumar.M
2020-21	Problem Solving through programming	Smitha Kurian
2019-20	-	-

### INDUSTRIAL VISIT

#### Industrial visits

SL NO	AY	TITLE	DATE
1	2016 - 2017	Infosys Campus Connect 8 <sup>th</sup> Semester	11-05-2017
2	2017 -	MPower Global IT solutions for 4 <sup>th</sup> Semester	10-02-2018

		<b>2018</b>	Infosys Ltd for 8 <sup>th</sup> Semester for 8 <sup>th</sup> Semester	06-04-2018
	3	<b>2018 - 2019</b>	Infosys Campus Connect 7 <sup>th</sup> Semester	13-11-2018
	4	<b>2019 - 2020</b>	C-DAC for 5 <sup>th</sup> Semester	14-10-2019
			Livewire Technology for 1 <sup>st</sup> Semester	21-11-2019
	5	<b>2021 - 2022</b>	Vigamaq Consultancy Services 7 <sup>th</sup> Semester	28-10-2021
	6	<b>2022 - 2023</b>	Pyramid Sri. Shivratanpuri Temple of Health for 1 <sup>st</sup> Semester	04-11-2022
			Bengaluru Tech Summit for 5 <sup>th</sup> Semester	16-11-2022
			C-DAC 7 <sup>th</sup> Semester	20-12-2022
			ISRO-URSC for 5 <sup>th</sup> Semester	06-07-2023
<b>Funds received</b>	<p>1. CSE department has received funds of ₹4000 from KSCST with Dr. Loganathan R as investigator entitled “Corona virus detection using digital image processing”</p> <p><b><u>Students Projects</u></b></p> <p><b>AY:2022-23</b></p> <ol style="list-style-type: none"> <li>1. CSE Department students Won at KSCST Student Project Proposal. Cash prize Rs 6000 in Student Innovation &amp; Development – <b>“Ocular Based Wheel chair Actuator System for Amyotrophic Lateral Sclerosis Impaired Patients”</b></li> <li>2. CSE Department students Won at KSCST Student Project Proposal. Cash prize Rs 5000 in Student Innovation &amp; Development- <b>“FAULT DETECTION AND PREDICTIVE MAINTANCE OF INDUSTRIAL MACHINES USING MACHINE LEARNING”</b></li> <li>3. CSE Department students Won at KSCST Student Project Proposal. Cash prize Rs 5000 in Student Innovation &amp; Development – <b>“Smart shoe for visually impaired peoples”</b></li> </ol> <p><b>AY:2021-22</b></p> <ol style="list-style-type: none"> <li>1. CSE Department students Won at KSCST Student Project Proposal. Cash prize Rs 6000 in Student Innovation &amp; Development – <b>“Water motor and</b></li> </ol>			

	<p><b>water quality management using WI-FI and Blink App”.</b></p> <p>2. CSE Department students Won Second Place at Inter-Collegiate Project Exhibition. Cash prize Rs 5000 in Student Innovation &amp; Development – <b>“Game-Based Proactive Learning with Augmented Reality”.</b></p> <p><b>AY:2020-21</b></p> <p>3. 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.</p> <p>4. 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.</p> <p>5. 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>			
Conference/ Seminar / Workshop organized	<b>CONFERENCE ORGANIZED</b>			
	<b>2019-2020</b>	INOVVATION IN ENGINEERING SCIENCE TECHNOLOGY AND MANAGEMENT	Prof. Tabassum Ara Prof. Smitha Kurian Prof. Neelam Malyadri Prof. Archana Prof. Bhagya K	03-05-2019 TO 04-05-2019
	<b>2021-2022</b>	NATIONAL CONFERENCE FOR FUTURISTIC TRENDS IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	Dr. Deepak N R Dr. Sharadha K A Dr. Bhagappa Prof. Khalikkunaisa	16-08-2021
	<b>GUEST LECTURES ORGANISED</b>			
	<b>GUEST LECTURER</b>	<b>TITLE</b>	<b>Organised by</b>	<b>DATE</b>
	Mrs.Vijayalakshmi	Higher Education in India and Abroad	Prof. Amreen Khanam	25-02-2019
	Mr.Syed Mujammil	Student career building and time management	Prof. Pundailk Chavan Prof. Jenita, Prof. Husna Tabassum,	22-08-2019



	Ms.Shibu M V	IOS Application Development	Prof. Bhagya K Prof. Chandrakala H L Prof. J Suneetha Prof. Pundailk Chavan	18-09-2019
		Unity-A cross platform game engine	Dr. Loganathan R Prof. Tabassum Ara Prof. Smitha Kurian	23-09-2019
	Dr.Abu Syed	How to write a good research paper	Prof. Khallikkunaisa, Prof. Neelam Malyadri Prof. PAKrudin B Prof. Imran Ulla Khan Prof. Mansoor Ahmed	27-09-2019
	Mr.Stennie Norman	Career Opportunities	Prof. Archana Hombalimat, Prof. Jenita, Prof. Amreen Khanum Prof. Mary Natsiya	23-10-2019
	Mr. Vinu Raja	Data Science And Cyber Security	Prof. Archana Hombalimat, Prof. Jenita, Prof. Amreen Khanum Prof. Mary Natsiya	06-11-2019
	Mr.Vikas Bidhuri	Future & Application of IOT	Prof. J Suneetha Prof. Imranulla Khan	23-11-2019
	Mr.Sundar Iyer	Webinar on Next generation automotive technologies	Prof. Greeshma Sreejesh	04-08-2020
	Dr. S Anupama Kumar	Internet of Things with Data Analatics	Prof. Archana Hombalimat	22-07-2021
	Dr. R I Rajidap Neshtr	Future of Start Up Technology and Innovation	Prof. Archana Hombalimat, Prof. Jenita, Prof. J Suneetha Prof. Mary Natsiya	27-07-2021
	Prof. Chandrani	Augmented Reality and Virtual Reality	Prof. Archana Hombalimat, Prof. Jenita, Prof. J Suneetha	28-07-2021

			Prof. Mary Natsiya	
	Mr. Srikanth Muppalla	Awareness on Placement opportunities and career guidance	Dr. Vadivel R, Prof. Sharon	23-12-2022
	Mr. Abhilash K	Future Trends on Career Development	Dr. Vadivel R	23-05-2023
	Miss. Vijalakshmi Pal	Awareness Program on Competitive Exams	Dr. Vadivel R, Prof. Khallikkunaisa	14-06-2023
	Dr.Gururaj H L	Block Chain Technology	Prof. Husna Tabassum, Prof. Najmusher.	25-08-2023
<b>Publications</b>	<p><b>AY:2022-23</b></p> <ol style="list-style-type: none"> <li>1. Dr D Loganathan,” Multimodal Biometrics Authentication Using Thermal Hand Vein and Hand Dorsa” Volume 20, Issue 9, Scopus Sep-22 Neuro Quantology, DIO: 10.14704/nq.2022.20.9. NQ44392=9771</li> <li>2. Dr.Nandha Gopal S M, Self-Adaptive Hybridized Lion Optimization Algorithm with Transfer Learning for Ancient Tamil Character Recognition in Stone Inscriptions” , Volume 11, SCImago Journal Rank, Apr-23,IEEE Access,10.1109/ACCESS.2023.3268545</li> <li>3. Dr. Sharada K A, End-to-End Latency Analysis for Data Transmission via Optimum Path Allocation in Industrial Sensor Networks Volume 2022, SCIE, SCOPUS, 2022, Hindawi Wireless Communications and Mobile Computing, <a href="https://doi.org/10.1155/2022/1697746">https://doi.org/10.1155/2022/1697746</a></li> <li>4. Dr. Sharada K A, Implementation of Blockchain security for Cloud and IOT Environment, VOL.20, Issue 6 Scopus Jun-22 NeuroQuantology, DOI Number:10.14704/nq.2022.20.6.NQ22755</li> <li>5. Dr D Loganathan, The Enhanced Optimization of Information Mining Systems for Big Data Protection using Blockchain” , Volume -12, Special Issue-3, Scopus, March 2023, European Chemical Bulletin, doi: 10.31838/ecb/2023.12.s3.025</li> <li>6. Prof. R Vadivel, Adaptive Neuro-Fuzzy System for Bio Production detection and controlling from chemically preserved Agricultural wastes. Vol:41, Issue 2022, Scopus, 2022,Semi-conductor opto Electronics, ISSN 1001-3868</li> <li>7. Dr. Sharada K A, High ECG diagnosis rate using novel machine learning techniques with Distributed Arithmetic (DA) based gated recurrent units</li> <li>8. Volume 98, April 2023, 104796, SCIE/Scopus/WOS, Mar-23,,Elsevier, <a href="http://www.elsevier.com/locate/micro">www.elsevier.com/locate/micro</a></li> <li>9. Dr. Sharada K A, On Stream Face Mask and helmet detection System Using Machine Learning Techniques 978-1-6654-9790-9/22  Scopus Dec-23 IEEE Explorer Doi: 10.1109/MysuruCon55714.2022.9972452978-1-6654-9790-9/22</li> <li>10. Prof.Sushma KSN “Deep Learning for Phishing Website Detection” 978-1-6654-9790-</li> </ol>			

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	<p>Computations 5,12 682-684, Dec-2018 5.8, Scopus 1076-5131, <a href="https://doi.org/10.10089.JASC.2018.V5I12.453459.1500183">DOI:16.10089.JASC.2018.V5I12.453459.1500183</a></p> <p>19. Chandrakala H L, Saffiya Tasneem, Safura Afreen, Tamanna Farheen, Uzma Javaid ” Construction of WSN for Protection of Forest Trees Against Burglary” JASC: Journal of Applied Science and Computations 5,12, 740-744, Dec-2018, 5.8., Scopus 1076-5131 <a href="https://doi.org/10.10089.JASC.2018.V5I12.453459.1500193">DOI:16.10089.JASC.2018.V5I12.453459.1500193</a></p> <p>20. Tabassum Ara, M. Prabhkar and Pritam Gajkumar Shah Energy Efficient Secured Cluster based Distributed Fault Diagnosis Protocol for IoT International Journal of Communication Networks and Information Security (IJCNIS) 10,3 539-545, Dec-2018 1.51 Scopus DOI: 10.5815/ijcnis</p> <p>21. Neelam Malyadri, Pakruddin B “Analyzing Stress of People Based on Social Interactions in Social Networks” JASC: Journal of Applied Science and Computations 5,12 1788-1799 Dec-2018 5.8 Scopus 1076-5131 <a href="https://doi.org/10.10089.JASC.2018.V5I12.453459.150089">DOI:16.10089.JASC.2018.V5I12.453459.150089</a></p> <p>22. Amreen Khanam, Archana Hombalimath, Manjula H T, Krishna Girish A Survey on Prescriptive Analytics</p> <p>23. JASC: Journal of Applied Science and Computations 6,1 1391-1394 Jan 2019 5.8 Scopus <a href="https://doi.org/10.10089.JASC.2018.V5I12.453459.150098">DOI:16.10089.JASC.2018.V5I12.453459.150098</a></p>
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<b>Patents</b>	<b>AY: 2022-23</b>			
	<b>Applicant Name</b>	<b>Title</b>	<b>CBR NO/Reference No.</b>	<b>Status</b>
	Tahir Naquash H B	“Controlling And Maintaining The Home Appliances Through Eye Contact Using IOT”	202341026767	Published
	Husna Tabassum	Analysis Of Cost Effective Solar Powered Charging Station For Electric Vehicle	202321042372	Filed
	Dr D Loganathan	Cash Withdrawal Using QR Code From The Mobile Phone In ATM Machine	202341032271	Filed
	Prof. Simran Pal R	An Innovation Identification For Genetic Expression Of Complex Diseases Using Artificial Intelligence Based Machine	202241027286	Published
	Prof. Simran Pal R	Real-Time Iot Application And Monitoring Ir Pollutant Quality System Through ML Approach	202341027912	Published
	Dr D Loganathan	Bock Wind Energy (BWE) System For Wind Energy Extraction And Electricity Generation.	202341042865	Filed
	Dr D Loganathan	Machine Learning And Deep Learning Based Intelligent Auto Directed Camera For Surveillance	202341042864	Filed

	Dr D Loganathan	Smart Glasses With Integrated Mobile Application For Location Tracking And Object Retrieval.	202341043196	Filed
	Dr D Loganathan	Intelligent CCTV Cameras For Residential Area Monitoring	202341032277	Filed
	Husna Tabassum	Intelligent Digital Door Lock System With Facial Recognition Built On The Internet Of Things	202341016646	Published
	Najmusher H	Analysis Of cost Effective solar Powered charging station For electric vehicle	202321042372	Filed
	Dr.Vadivel R	Iot Based Physical Rehabilitation System For Smart Walker	202341005738 A	Published
	Dr.Vadivel R	Iot Solar Streetlight Controller Device	378817-001	Granted
<b>AY: 2021-22</b>				
	<b>Applicant Name</b>	<b>Title</b>	<b>CBR NO/Reference No.</b>	<b>Status</b>
	Mr.Vadivel.R	Research on Block-Chain and Supply Chain based E-bidding System	202241040793	Published
	Mr.Vadivel.R	Block-chain based Cloud Storage System	202241021032	Published
	Mr.Vadivel.R	Artificial Intelligence based Video surveillance system using Open CV and Deep Learning	202141061895	Published
	Dr.Sharada	Automation in agriculture using iot and machine learning	202141057303	Published
	Dr.Sharada	Alarm system for swimming pool using artificial intelligence and methods thereof	202041052006	Published
	Dr.Sharada	Trespassers detection system for agriculture fields using artificial intelligence & methods thereof	202041047576	Published
	Dr.Sharada	Wild life intrusion detection System empowered with Artificial intelligence	2021100064	Published

	Mrs.Najmusher	A Methodology for Memory unit	202241023088	Published
	Mrs Sonia Maria Dsouza	“Design and development of efficient cost saving technique for guiding customer purchasing patterns using ffbpnn”	202241035180	Published
	Mrs Sonia Maria Dsouza	IOT and wireless based intelligent Evehicle with self power generating Epower management	202241048433	Published
	Mrs Sonia Maria Dsouza	A system for junction based angular routing in vehicular ad hoc networks (vanet)	202241020096	Published
	Mrs Sonia Maria Dsouza	A Wearing article for navigating visually impaired using machine learning	202241022469	Published
	Mrs Sonia Maria Dsouza	IoT and Wireless Based Intelligent Evehicle with self power generating optimal power management	361542-001	Published
	Mrs Sonia Maria Dsouza	An Innovation Identification For Genetic Expression of Complex Diseases using Artificial Intelligence Based Machine Learning Model	202241022476	Published
	Dr.D.Loganathan	Blockchain based secure Transportation System for Sustainable Smart cities	202241037552	Filed
	Dr.D.Loganathan	Blockchain and cloud based digital Forensic Examination System Using IOT and Machine lerning	202241037509	Filed
	Dr.D.Loganathan	Smart intelligent Controller for irrigation and monitoring using Agro deep learning algorithm	2022410357597/ 25949	Filed
	Dr.Deepak NR	Trail boost performance evaluation by integration of IOT with blockchain	202241021789	Published
	Ms.Sharon	A system and method for prediction of stock prices using prolonged petite-stretch memory(PPSM) algorithm	202241022539	Published
	Dr.Deepak NR Ms.Ayesha Anjum Mrs.Jenita J Ms.Simran Pal	An Innovation Identification For Genetic Expression of Complex Diseases using Artificial Intelligence Based Machine Learning Model	202241027286	Published
	<b>AY-2020-21: NIL</b> <b>AY: 2019-20: NIL</b> <b>AY: 2018-19: NIL</b>			

Book- Chapters	<table><tr><td>Authors</td><td>Dr. Sharada K. A,</td></tr><tr><td>Book Chapter Title</td><td>An effective traffic management scheme under subscriber accessed communication networking terminals for 5g spinal column networks</td></tr><tr><td>Book Name</td><td>Recent Trends in Information Technology and Communication for Industry 4.0</td></tr><tr><td>Publishers</td><td>RC HUB</td></tr><tr><td>Year</td><td>2022</td></tr><tr><td>Book Chapter Code</td><td>8</td></tr><tr><td>ISBN</td><td>978-81-956262-8-1</td></tr><tr><td>Pages</td><td>61-74</td></tr></table>	Authors	Dr. Sharada K. A,	Book Chapter Title	An effective traffic management scheme under subscriber accessed communication networking terminals for 5g spinal column networks	Book Name	Recent Trends in Information Technology and Communication for Industry 4.0	Publishers	RC HUB	Year	2022	Book Chapter Code	8	ISBN	978-81-956262-8-1	Pages	61-74
	Authors	Dr. Sharada K. A,															
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	ISBN	978-81-956262-8-1															
	Pages	61-74															
	<table><tr><td>Authors</td><td>Dr.C.Viji, Mrs.Aarthy G</td></tr><tr><td>Book Chapter Title</td><td>Text Sentiment Analysis For Intelligent Transportation Systems by using web based traffic data</td></tr><tr><td>Book Name</td><td>Recent Advances in Mathematical research and computer science</td></tr><tr><td>Publishers</td><td>BP International</td></tr><tr><td>Year</td><td>2022</td></tr><tr><td>Book Chapter Code</td><td>2</td></tr><tr><td>ISBN</td><td>978-93-5547-487-2</td></tr><tr><td>Pages</td><td>11-26</td></tr></table>	Authors	Dr.C.Viji, Mrs.Aarthy G	Book Chapter Title	Text Sentiment Analysis For Intelligent Transportation Systems by using web based traffic data	Book Name	Recent Advances in Mathematical research and computer science	Publishers	BP International	Year	2022	Book Chapter Code	2	ISBN	978-93-5547-487-2	Pages	11-26
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Publishers	Notion Press																
<table><tr><td>Authors</td><td>Mr.R.Vadivel</td></tr><tr><td>Book Title</td><td>Innovation and Entrepreneurship</td></tr><tr><td>Publishers</td><td>ARINNA Publishers</td></tr></table>	Authors	Mr.R.Vadivel	Book Title	Innovation and Entrepreneurship	Publishers	ARINNA Publishers											
Authors	Mr.R.Vadivel																
Book Title	Innovation and Entrepreneurship																
Publishers	ARINNA Publishers																



		<b>Authors</b>	Dr.D.Loganathan, Dr.R.Thenmozhi, Dr.Shivlal Mewada, Dr.C.N.Sujatha
		<b>Book Title</b>	Computer Architecture and Organisation
		<b>Publishers</b>	RK Publications
		<b>Authors</b>	Prof. Sonia Maria D’Souza and Dr. Komala C R
		<b>Book Title</b>	Network Security and Cryptography
		<b>Publisher</b>	Scientific International Publishing House
<b>Pursuing/ Continuing</b>	<b>AY-2023-24</b>		
	1. Najmusher H		
	2. Tahir Naquash		
	3. Husna Tabassum		
	4. Sarumathi S		
	5. Syeda Ayesha Siddiqua		
	<b>AY-2022-23</b>		
	1. Najmusher H		
	2. Tahir Naquash		
	3. Rezni S		
	4. Pushpa T		
	5. Husna Tabassum		
	6. Bibi Ameena		
	7. Veeresh K M		
	8. Vadivel R		
	9. Vijayalakshmi S		
	10. Smitha Kurian		
	<b>AY-2021-22</b>		
	1. Najmusher H		
	2. Pushpa T		
	3. Husna Tabassum		
	4. Bibi Ameena		
	5. Veeresh K M		

	<p>6. Vadivel R</p> <p>7. Vijayalakshmi S</p> <p>8. Sonia Maria D'Souza</p> <p>9. Smitha Kurian</p> <p><b>AY-2019-20</b></p> <p>1. Prof. Smitha Kurian</p> <p>2. Prof. Tabassum Ara</p> <p>3. Prof. Pundalik Chavan</p> <p>4. Prof. Manjula HT</p> <p>5. Prof. NeelamMalyadri</p> <p>6. Prof. Archana Hombalimath</p> <p>7. Prof. Bhagya K</p> <p>8. Prof. Chandrakala</p>
<b>Awards / Rewards</b>	<p><b>AY-2022-23</b></p> <p>Nil</p> <p><b>AY-2021-22</b></p> <p>1. Prof. Sonia Maria D'Souza has received award for Star Researcher in the field of Research</p> <p>2. Prof. Sonia Maria D'Souza has received award and cash prize of ₹5000/- for outstanding performance in the field of Research</p> <p>3. Dr. Ramkumar has received award and cash prize of ₹5000/- for outstanding performance in the field of Innovative Teaching.</p> <p>4. 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.</p> <p>5. 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.</p> <p>6. Dr. Loganathan .R, is recognized as BRONZE partner faculty under inspired-the campus connect faculty partnership model in the year 2017.</p> <p>7. Prof. JaveriaAmbareen, is recognized as BRONZE partner faculty under inspired-the campus connect faculty partnership model in the year 2017.</p>

	<ol style="list-style-type: none"> <li>8. 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>9. 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>
<b>Distinguishe d Alumni</b>	<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>



# **HKBK COLLEGE OF ENGINEERING**

**Department of Information Science and Engineering**

**Mandatory Disclosure**

1	Name of the Department	INFORMATION SCIENCE AND ENGINEERING					
	Course	B.E					
	Level	U.G					
	1 <sup>st</sup> year of approval by the Council	Yes (1997)					
	Year wise sanctioned intake	2017-18	2018-19	2019-20	2020-21	2021-22x	2022-23
		120	120	120	180	120	120
	Year wise Actual Admission	80	105	124	127	120	126
	Cut off marks –General Quota	L-35562	L-27505	L-31711	L-43673	L-35527	L-27817
		66.66%	87.50%	100%	70.50%	100%	100%
		H-122675	H-206111	H-37765	H-149839	H-153929	H-166525
	Students passed with distinction	29	11	68	25	81	56
	Students passed with first class	03	11	0	36	06	00
	Students Placed	14	14	56	61	54	61
	Average Pay package	4.8 Lakhs	4.8 Lakhs	4.0 Lakhs	3.9 Lakhs	14Lakhs	5 Lakhs
	Students opted for higher studies	3	3	3	2	2	2
	Accreditation Status of the Course	NAAC : B (2017-22)					
	Doctoral Courses	No					
	Foreign Collaboration	No					
	Professional Society Membership	Faculty : ISTE, IEEE, CSI College : IEEE ,CSI,ISTE Student Branch					
	Professional Activities	CSI Technical Symposium OVERLOAD C++					
	Consultancy Activities	No					
	Grants Fetched	Yes					

I	DEPARTMENTAL ASSOCIATION ACTIVITIES(ISE Forum)
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## Forum Logo

	The ISE forum “LOGO and TAG LINE” was released on 19 <sup>th</sup> October 2014
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## Donations

1	Alumni of 2017, 2016, 2016 Batch donated electronics items and e text books for the department library.
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## Student Development Program

## AY 2023-24

1	Value added course(VAC)- <b>“on “Internet of Things and Its Application”</b> in association with ISTE student chapter and collaborate from Karunda Technologies Private, for 5 days(30 hours duration course) for the benefits of 1st semester students. The course scheduled from 6th to 10th October 2023.- Resource Person: Mr Mahesha D and Mr Harish. - Karunada Technologies Private LTD
2	SDP: <b>“Expert talk on Career Guidance”</b> in association with ISTE student chapter and CADET Club, in collaborate from Prodevans and RedHat for the benefits of final year students. Conducted on 4th October 2023 at ISE Seminar Hall- Resource Person : Mr. Tausif Sehikh – Training Head, Prodevans and Ms. Beulah John- Business Development Manager, Prodevans.



3	National Level SDP – 5-Day Online National Level SDP on “ <b>Universal Human Values</b> ” in association with ISTE student chapter for the benefits of all students., conducted from 3rd to 7th October 2023. Resource Persons: Dr. R. Aruna, Dr. Anil Kumar C, Dr. M. Sathya , Dr. Shalini Prasad and Dr. Umashankar L, Organizing Chairs: Dr. Komala C R and Prof. Sreekantha B, Organizing Committee: Prof. Umme Aymun, Prof. Ashwini Patil, Ms. Ashwini R and Ms. Jhansi
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### AY 2022-23

1	Seminar on “ <b>Design of Full Stack Development</b> ” <b>25<sup>th</sup> February 2023</b> . Resource Person : Mr. Mohammed Rizwan, Software Engineering, Software AG, Chennai – The topics are technology related to full stack development, front end and back end framework.
2	Value added <b>course(VAC)</b> - “on “Next Generation programming languages(Javascript. Python Go,Java and Kotlin)” in association with ISTE student chapter for 5 days(30 hours duration course) for the benefits of 7th semester students. The course scheduled from <b>26 th to 30 th September 2022/</b>
3	Value added <b>course(VAC)</b> - “on <b>Robotics and Its Applications</b> ” <b>17th-21st March 2022</b> . In Association with Karunda Technologies Private LTD under ISTE Student Chapter, Resource Person: Mr Mahesha D and Mr Harish. - Karunda Technologies Private LTD.

### AY 2021-22

1	Webinar on AI and ML Application 24th November 202,Resource Persons:Dr. Parkavi A.Associate Professor MSRIT, Bangalore
2	Five-Day Virtual Student Development Program (SDP) on “ <b>Android Application Development Using Kotlin</b> ”, 18th to 22nd April 2022, Resource Person:Mr. Mayank Khan Singh D'Souza, UX/UI Designer, Bengaluru, Organizing Committee: Dr. Komala C R, ISE & CSE Team
2	Webinar on “ <b>Trends in SAP</b> ” 22nd January 2022, Externally funded for 1 day, attendees of 93, Resource Person -Satisha V, Capgemini, Bangalore, Organizing Committee: Dr. Komala C R, Prof. Soumyashree Pattar and Prof. Rajani M
3	Workshop on “ <b>IoT And Robotics Boot Camp - Learn To Bulid The Future</b> ” <b>30th July – 1st August 2021</b> Resource Person: Arunim Das - Co-founder & Managing Director, WilSkills Solution Shanwaz Alam - IT Professional, Expert in Microservices Piyush Nindane - Embedded System and IoT Engineer Harsh Vardhan Singh - Embedded System and IoT Engineer
4	Webinar on Internships, <b>Placement Preparation and Career Planning</b> for Pre final year students in association with Tequed Labs Bangalore on <b>29th May 2021</b> from 6pm to 7pm. Resource Person Mr. SUPREETH Y S– Co Founder and CEO at Tequed Labs Bangalore. He is Trainer and Product Developer in the field of Artificial Intelligence,IOT and Block chain
5	Online “ <b>BRIDGE COURSE ON C++</b> ” on <b>20th – 24th, April 2021</b> ,Resource Person Dr. Syed Musatafa,HOD-ISE, Prof. Sharavana.K -ISE ,Prof Heena Kouser –ISE,Prof Chandrakala H – ISE,Prof. Vijayalakshmi S,-ISE,Prof. Reshma Raj –ISE,Prof. Shruthi K C –ISE,Prof. Sreekanth B – ISE and Prof. Priyanka K –ISE. Organized by Prof. Sharavana .K
6	Value Added Course On Problem Solving Techniques Using C/Python on 30th March – 1st April 2021, Resource Person Dr. Syed Musatafa,HOD-ISE, Prof. Sharavana.K -ISE ,Prof. Bibina Jenifer-ISE,Prof. Megha-ISE and Prof. Anusha-ISE , Organized by – ISE Faculties

### AY 2020-21

1	Online SDP Webinar on “ <b>GATE AWARENESS PROGRAM</b> ” on 12 <sup>th</sup> December 2020, Resource Person Mr. Akash Pushkar, M.Tech., IIT Kanpur, Trainer GATE Academy, Bengaluru .In Association with HKBKCE-CGC(Career Guidance Cell) & GATE Academy. Organized by <b>Prof. Sharavana .K and Prof. Asghar Pasha.Platform used : Google meet</b>
2	Online Student Development Program on “ <b>Advanced Learning Techniques in Analog and Digital Electronic Circuits</b> ” on 8 <sup>th</sup> December 2020, Resource Person Prof. Raghunandan G H, Department of Electronics & Telecommunication Engineering, BMS Institute of Technology & Management, Bengaluru. Organized by Prof. Sreekantha.B, Prof. Reshma Raj and Prof. Priyanka K.

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

	Chandanita Chatterjee, HKBKCE, Bengaluru@ ISE Seminar Hall.
<b>AY 2018-19</b>	
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 Siddiqua(Talk on Business-Intelligence)- NetApps, Mr Nilab(Talk on Impact of Cloud & AI on Business- Oracle, 1 <sup>st</sup> -18 <sup>th</sup> August 2018.
<b>AY 2017-18</b>	
1	Placement Training conducted, Head-Training & development Step up Learning Solutions. 24 <sup>th</sup> August 2107.
2	SDP on “Advanced Embedded Systems”, Resource Persons Mr. RohitPrajapati, Mr. V Pawan Kumar- Field Application Engineer, Edgate Technologies. 4 <sup>th</sup> September 2017.
3	SDP on “Microsoft Training Workshop”, Mr.Vignesh and Team, Microsoft. 23 <sup>rd</sup> September 2017.
4	SDP on “SQL with Java”, Resource Person Ms. TulsiAcharya- Codilar Technologies. 25 <sup>th</sup> -26 <sup>th</sup> September 2017.
5	SDP on “IOT Arduino Basics”, Resource Persons Mr.AjitAshutoshKalle- Finesta Talent Transformation Services LLP,Founder, Mr.Basavaraj, Mr.Chukkala, Ms.SaiSwetha- Pinpoint Educational Services.30 <sup>th</sup> -31 <sup>st</sup> October 2017.
6	SDP on “KSCST Project Proposal” Internal Resource Persons Prof.Asghar Pasha, Prof.Sharavana.K and Prof.Heena Kouser- ISE Department. 29 <sup>th</sup> -31 <sup>st</sup> October 2018.
7	SDP on “Object Oriented Programming with C++”, Internal Resource Persons Dr. Syed Mustafa Prof.Aseema Sultana, Prof.HeenaKouser - ISE Department. 29 <sup>th</sup> -31 <sup>st</sup> October 2018.
8	SDP on “Software Testing”, Resource Persons Ms. Sumathi- KPMG Global Services, Prof.Shagufta Taskeen- Asst. Professor, HKBKCE.9 <sup>th</sup> -10 <sup>th</sup> February 2018.
9	SDP on “Design and Analysis of Algorithms using JAVA”, Speaker Mr. Mohammed Sikander, Senior Software Engineer, Cranes Software; Bangalore. 11 <sup>th</sup> February -2018.
10	SDP on “Carrier guidance and higher Education” ,Speaker Mr. NAGA SAI KRISHNA. P , Senior Architect , Microsoft Tesco Unisys CTS, Bengaluru. 28 <sup>th</sup> February 2018.
11	SDP on “Mobile Application Development”, Resource Persons Mrs. Sathy Priya K.G 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. 23 <sup>rd</sup> & 24 <sup>th</sup> March 2018
<b>AY 2016-17</b>	
1	SDP on “Re-enforcement program on computer Networks” by Dr.Satish Babu Professor, Dept of CSE,SIT,Tumkur, 12 <sup>th</sup> March 2016.
2	SDP on” International Youth Day” at SAP Labs-CSR Initiative & Design Ms.Vlasta Dushil & Team, 12 <sup>th</sup> August 2016.
3	SDP on “Re-enforcement program on core” JAVA by Ms.Safa Albadri Senior Software Developer,IBM,Bangalore, 8 <sup>th</sup> October 2016.
4	SDP on “Re-enforcement program on Data Stuctures with C” by Mr. Sikander Cranes Software Private Limited, 5 <sup>th</sup> November 2016.
5	SDP on “Career Guidance” , Speaker Mr Jawad Ameen Senior Software Engineer at Customer Gauge,Amsterdam,Netherland, 25 <sup>th</sup> January 2017.
6	SDP on “Crash Course on Object Oriented Programming using C++” , Session Speakers Prof. Aseema sultana, Dr syed Mustafa and Prof. Asgar pasha, 6 <sup>th</sup> -10 <sup>th</sup> February 2017.

7	SDP on “Hackathon on Mobile App/ Game Development”, Resource Person Mr. Jome Jacob and Mr 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, etc.,)</b>
<b>AY 2022-23</b>	
1	Prof.. SHARAVANA.K , Dr. V. BALAJI VIJAYAN received KSCST fund of Rs.4,000/- for the project titled “ <b>Title: PREDICTION AND COMPUTATION OF FUTURE STOCK PRICE VALUE USING TIME SERIES</b> ” for project group of Mr. SAUD ALI, Mr. MOHAMMED ZAAFIR GOLTAY,Mr. SHAHBAJ ALAM and Mr. SOURAV PAL. <b>46th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2022-23 - State Level</b> <a href="https://www.kscst.org.in/spp/46_series/07a_46S_SPP_Sanctioned_Projects_NEFT_details.pdf">https://www.kscst.org.in/spp/46_series/07a_46S_SPP_Sanctioned_Projects_NEFT_details.pdf</a>
2	Prof. T GODHANDARAMAN, Prof. ASHWINI PATIL received KSCST fund of Rs.4,000/- for the project titled “ <b>Title: SMART CAP FOR VISUALLY IMPAIRED PERSON USING RASPBERRYPI</b> ” for project group of Ms. AMEENA ARFA KHANUM, Ms. AMREEN KHANUM Ms. FIZA FATHIMA, and Ms. SANIYA SAHAR. <b>46th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2022-23 - State Level</b> <a href="https://www.kscst.org.in/spp/46_series/07a_46S_SPP_Sanctioned_Projects_NEFT_details.pdf">https://www.kscst.org.in/spp/46_series/07a_46S_SPP_Sanctioned_Projects_NEFT_details.pdf</a>
3	Dr. V. BALAJI VIJAYAN, PROF. SHARAVANA.K received KSCST fund of Rs.5,000/- for the project titled “ <b>SOLIDER HEALTH MONITORING AND TRACKING SYSTEM USING IOT</b> ” for project group of Ms. NAVYA. R, Mr. KATHI JOE DANIEL ,Ms. MONIKA G and Ms. S VARSHITHA. <b>46th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2022-23 - State Level</b> <a href="https://www.kscst.org.in/spp/46_series/07a_46S_SPP_Sanctioned_Projects_NEFT_details.pdf">https://www.kscst.org.in/spp/46_series/07a_46S_SPP_Sanctioned_Projects_NEFT_details.pdf</a>
4	Dr. Usman Ajiz R Dr. V. BALAJI VIJAYAN received KSCST fund of Rs.4,000/- for the project titled “ <b>Title: AUTOMATIC MUSIC PLAYLIST LIBRARY RECOMMENDATION ALGORITHM BASED ON FACIAL MICROEXPRESSION RECOGNIZATION</b> ” for project group of M HARSHITH,MANIMARAN M,VIGNESH T,ARUNACHALA B U. <b>46th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2022-23 - State Level</b>
5	Dr. V. BALAJI VIJAYAN, PROF. SHARAVANA.K received KSCST fund of Rs.6,000/- for the project titled “ <b>SOLIDER HEALTH MONITORING AND TRACKING SYSTEM USING IOT</b> ”



	for project group of Ms. NAVYA. R, Mr. KATHI JOE DANIEL ,Ms. MONIKA G and Ms. S VARSHITHA. <b>46th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2022-23 - State Level-SELECTED FOR STATE LEVEL SEMINAR-2022 -2023 held on 11th and 12th August 2023 at Alva's Institute of Engineering and Technology, Moodubidire</b> <a href="https://www.kscst.org.in/spp/46_series/14a_46S_SPP_Seminar%20&amp;%20Exhibition_Project_List_6July2023.pdf">https://www.kscst.org.in/spp/46_series/14a_46S_SPP_Seminar%20&amp;%20Exhibition_Project_List_6July2023.pdf</a>
<b>AY 2021-22</b>	
1	Dr. KOMALA C R, Ms. PRIYA J received KSCST fund of Rs.6,000/- for the project titled “ <b>MY-SR NEXT GEN AUTOMATED GAS SAFETY SYSTEM USING IOT</b> ” for project group of Ms. YASHASHWINI S,Ms. MEGHA P, Ms. RASHMI NAYAK and Ms. SHARANYA S. <b>45th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2021-22 - State Level</b>
2	Dr. V. BALAJI VIJAYAN Prof. PRIYANKA K received KSCST fund of Rs.6,000/- for the project titled “ <b>MY-SR NEXT GEN A,UTOMATED GAS SAFETY SYSTEM USING IOT</b> ” for project group of Mr. SUDEEP SHETTY S Mr. SARVATH SABA Mr. SHARON PHILIP Mr. SHRIHARSHA MUKUND NAIK. <b>45th series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2021-22 - State Level</b> <a href="https://www.kscst.org.in/spp/45_series/45S_SPP_Sanctioned_Projects_with_NEFT_details.pdf">https://www.kscst.org.in/spp/45_series/45S_SPP_Sanctioned_Projects_with_NEFT_details.pdf</a>
3	PROF.SOUMYASHREE PATTAR, PROF. SNEHA K received a FIRST PLACE and awarded with a cash prize of Eight thousand rupees (8,000/-).[ <b>Gesticulation Recognition into Text and Speech for Native Sign Language</b> ] Project Batch #11, MR.SAKTHIVEL C,MS.SNEHA TM,MR.SHAMANTHACHAR,AND RAKSHITH-INTER COLLEGE PROJECT EXHIBITION 2022, College Level Technology Exhibition Platform .UNDER THE AEGIS OF IQAC – HKBKCE-The Annual project exhibition for the academic year 2021-22
4	VTU Project Finance Assistance – final year students project proposal submitted
5	VTU FOSS 2020-21 proposal submitted
<b>AY 2020-21</b>	
1	Prof. HEENA KOUSER Prof. SHRUTHI K received KSCST fund of Rs.5,000/- for the project titled “ <b>AUTONOMOUS CAR</b> ” for project group of Ms. PREMA S,Mr. BHARATH K,Ms. SHASHIKALA P and Ms. TEJASWINI N. <b>44st series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST)- : AY 2020-21 - State Level</b>
2	Prof. HEENA KOUSER Dr. SYED MUSTAFA received KSCST fund of Rs.5,000/- for the project titled “ <b>ANALYSIS AND MONITORING AIR QUALITY USING RASPBERRY PI</b> ” for project group of Ms. TASKEEN FATHIMA, Ms. SAMREEN FATHIMA, Ms. SAYEDA ZAINAB an Ms. UMME HANEE. <b>-44st series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST) : AY AY 2020-21- State Level</b>
3	Prof. HEENA KOUSER GOGI Prof. BIBIANA JENIFER, received KSCST fund of Rs.5,000/- for the project titled “ <b>PLASTIC RECYCLING BASED SMART AND SECURE MOBILE CHARGER FOR PUBLIC PLACES</b> ” for project group of Ms. FIZTH UL AIEN Ms. FATHIMA AZRA Ms. NOOR AYESHA Ms. NASREEN BANU M. - <b>44st series of Student Project Program from Karnataka State Council for Science &amp; Technology (KSCST) : AY AY 2020-21- State Level</b> <a href="https://www.kscst.org.in/spp/44_series/44S_SPP_Sanctioned_Projects_List.pdf">https://www.kscst.org.in/spp/44_series/44S_SPP_Sanctioned_Projects_List.pdf</a>
4	PROF. ASGHAR PASHA received VTU Projects of Under Graduate Final Year Students AY 2020-21 fund of Rs.5,000/- for the project titled,“ <b>Contactless Detection Of Covid 19 Using Deep</b>



	<b>Learning With X-Ray Images”</b> for project group of Mr. Rajkiran Michael,Ms. Sara Khanum,Ms. Shalini Gowda and Mr.Tajuddin - <b>Visvesvaraya Technological University, Belagavi, State Level</b>
5	PROF. SREEKANTH B , received VTU Projects of Under Graduate Final Year Students AY 2020-21 fund of Rs.5,000/- for the project titled “ <b>Crop Yield Prediction Based On Indian Agriculture</b> ” for project group of Mr. Firoj Alam,Mr.Shiwam Nishad,Mr.R Ankit Kumar and Mr.Abhishek Rana- <b>Visvesvaraya Technological University, Belagavi, State Level</b>
6	VTU FOSS 2020-21 proposal submitted
7	<b>Guide: Prof Shruthi,Co-Guide: Reshma Raj- Nomination for 1<sup>st</sup> Prize of Best project award-</b> project titled “ <b>AUTONOMOUS CAR</b> ” for project group of Ms. PREMA S,Mr. BHARATH K,Ms. SHASHIKALA P and Ms. TEJASWINI N- <b>HKBK College of Engineering, Project Exhibition –AY- 2020-21.</b>
8	<b>Guide: Prof. Heena Kouser ,Co-Guide: Prof. Bebina jenifer- Nomination for 2<sup>nd</sup> Prize of Best project award-</b> project titled “ <b>LAPTOP ASSISTANCE</b> ” for project group of Mr. Mohammed Waseem Mr.Mohammed Yaseen, Mr.Nabil Ali and Mr.Tamim Ahmed- <b>HKBK College of Engineering, Project Exhibition –AY-2020-21.</b>
9	<b>Guide: Dr. A Syed Mustafa, Co-Guide: Prof. Heena Kouser- Nomination for 3rd Prize of Best project award-</b> project titled “ <b>Covid-19 Spread Control And Monitoring System Using Machine Learning</b> ” for project group of Mr.Nikhil Kumar,Mr.Omer Muneer,Mr.Shahid M M and Sanna Qureshi- <b>HKBK College of Engineering, Project Exhibition –AY-2020-21.</b>

### AY 2019-20

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.
2	Prof. Sharavna.K is sponsored with an amount of 5,000/- under FOSS (Free Open source Software) - VTU in 2019 for the project titled “ <b>Real Time Text to Braille and Audio Convertor</b> “carried out by Final year UG students (ARPITHA N, E SIVASUBRAMANIAN,GAJANAN NAIK and MONISH M GOWDA), VTU FOSS.
3	Prof. Sharavana.K received VTU Projects of Under Graduate Final Year Students AY 2019-20 fund of 5,000/- for the Project Title: “ <b>Effective identification of black money, fake currency using RFID &amp;IOT</b> ” for the project group of Ms. AFEEFA SHIRAZ,Ms.AMEENA FIRDOSE,Ms.ANEESA LAEEQ and Ms. AYESHA SHARIEF, Visvesvaraya Technological University, Belagavi, State Level
4	Dr. Syed Mustafa .A received VTU Projects of Under Graduate Final Year Students AY 2019-20 fund of 5,000/- for the Project Title: “ <b>Real time Eye tracking for password authentication</b> ” for the project group of Mr. SYED ZAID,Ms.SYEDA ZEBABASSUM, Ms.TASMIYA BANU and Ms.UMME AYMUN, Visvesvaraya Technological University, Belagavi.
5.	Prof. Asghar received with an amount of Rs.5000/- under VTU Project Exhibition/Competition “AVISHKAR” in 2019. for the project titled “ <b>Early identification of leaf disease’s in Wheat plant using Machine Learning</b> ” carried out by Final year UG students (Mr.AKIL K,Mr.AKSHATH D’ SOUZA,Ms.DASARI VEDASRI and Ms.GEETHA S).

### AY 2018-19

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>

### AY 2017-18

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 Zulfihar 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 [KSCST] <b>State Level</b> , KSCST – 41 <sup>st</sup> Series of Student Project Programme : AY 2017-18
7	Dr. Syed Mustafa .A received KSCST fund of Rs 6,000/- for the project titled <b>“Development of smart helmet for safety and accident detection using IOT”</b> for the project group of Ms. Jenevie Divya John,Ms. Naghma 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.

### AY 2016-17

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 – 40th Series of Student Project Programme : AY 2016-17.
4	Prof. Savithri Ramesh received Outstanding Project Award KSCST fund of Rs 6,000/- for the project titled “ <b>Development Of Data Acquisition For Underground Water And Gas Pipeline Leakage Monitoring Using IOT</b> ” for the project group of Ms. NEETHI RAMAIAH, Ms. DIVYA P and Ms. POORNIMA P in 2016. Karnataka State council for science and technology [KSCST] <b>State Level</b> , KSCST – 40 <sup>th</sup> Series of Student Project Programme : AY 2016-17.
<b>III</b>	<b>Industrial Visit</b>
<b>AY 2022-23</b>	
1	A one-day Industrial visit to <b>U.R.Rao Satellite centre(URSC)</b> , Bangalore was organized by Department of Information science and Engineering on 8 th February 2023 . On receiving the letter of invitation from Mr. Shreyala Rathankar, Head, TAVD, Program Planning and Evaluation Group (PPEG) the 8th and 3rd semester students were enrolled for the visit., accompanied by Prof. Sneha K, Prof. Mariam M Kassim, Jhansi.
2	As part of Industry-Academia program, industrial visit to <b>National Atmospheric Research Laboratory (NARL), Tirupathi</b> - organized by the Industrial Visit Organizer Prof. Sharavana .K for 5th Semester students of Information Science and Engineering on 20th Jan 2023, 50 students, accompanied by Dr.V.Balaji Vijayan & Prof. Sharavana .K
3	As part of Industry-Academia program, industrial visit/tour to <b>Sri Shivaranaपुरi Temple of Health – Tri-Pyramidal Adobe of well-being</b> . Sister Institution of Sri Kailash Ashrama Mahasamsthana Trust, Rajarajeswarinagar, Bengaluru – 560098. – on 4 <sup>th</sup> November 2022 ,75 students of 1 <sup>st</sup> year students of HKBK college of Engineering. accompanied by Prof. Sharavana .K and Prof. Shreekantha .B .
4	As part of Industry-Academia program, industrial visit to <b>Indian Space Research Organization (ISRO)</b> , was organized by the Industrial Visit Organizer of the Information Science Engineering department – Prof. Sharavana .K, Dept. of ISE. On receiving the letter of invitation from Mr. Shreyala Rathankar, Head, TAVD, Program Planning and Evaluation Group (PPEG) the 4th and 6th semester students from Information Science and Engineering enrolled into this program, and proceeded on the industrial visit to ISRO, Bangalore, on 8 th June 2022, 60 students, accompanied by Prof. Sharavana .K. Associate Professor, Dept. of ISE Dr. V.Balaji Vijayan
<b>AY 2021-21</b>	
1	As part of Industry Visit Program -for 7th Semester ISE students from HKBK College of Engineering Visited HBK College of Engineering, Department of Information Science and Engineering and Industry Institute Partnership Cell (IIPC) had organized an industrial visit for forty students of the 7th semester - Knowledge on 30th September 2021.
<b>AY 2020-21</b>	
1	NA
<b>AY 2019-20</b>	
1	As part of Industry Visit Program for 5th Semester ISE students from HKBK College of Engineering Visited <b>C-DAC(Centre for Development Advance Computing)</b> , Knowledge Park No 1, Opp.HAL Aero engine Division Old Madras Road, (Next to Byappanahalli Metro Station), Bangalore, on 26th November 2019.
2	As part of Industry-Academia program, a visit to <b>Livewire Technologies</b> , Bengaluru. Final year students aspiring to be placed from Information Science and Engineering visited Livewire Technologies on <b>5th November 2019</b> under the banner “ <b>Prayan Learning Private Limited</b> ” to enhance their Technical skill sets, Exposure on new technology and tools, Inspiration to join corporate. This visit was organized and coordinated by Prof Sharavana .K, Project initiator, Associate

	Professor, Department of ISE HKBKCE.
3	Final year girl thirty students aspiring to be placed from computer science and engineering, information science and engineering and electronics and communication branches visited <b>Dell EMC Corporation on 22nd April 2019</b> under the banner “Technology for Women” to enhance their motivational skill and get inspiration to join corporate.

#### AY 2018-19

1	As part of Industry- Academia program, a visit to <b>Infosys Limited, Mysore DC</b> was arranged for HKBKCE student by Information Science and Engineering Department. Around 153 students (CSE – 59, ECE - 46 and ISE - 48) with three department HOD’s Dr. Syed Mustafa, Prof, Dr. Loganathan R and Prof. Hussain Ahmed. six faculty members (Prof. Sharavana .K, Prof. Farnaz Khatoon, Prof. Preethi M, Prof. Juveriya Afreen, Prof Zahira, Prof. Shireen Fathima, Prof. Jobin Thomas) had <b>visited Infosys campus on 13th November 2018.</b>
2	As part of Industry- Academia program, a visit to <b>Infosys campus, Mysore DC</b> had been arranged for HKBKCE student by Information Science and Engineering Department. Around 86 students (CSE – 55 and ISE 31 ) with four faculty members Prof, Sharavana .K, Prof. Rashmi Purad, Prof. Kavya and Prof. Reshma S Hebbar had visited <b>Infosys campus on 6th April 2018.</b>

#### AY 2017-18

1	As part of Industry- Academia program, The Training-Workshop conducted on 23 rd 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 23rd September 2017.
2	As part of Industry- Academia program, a visit to Infosys Limited, <b>Bengaluru DC</b> was arranged for HKBKCE student by Information Science and Engineering Department. Around 80 students (CSE – 55 and ISE 25 ) with four faculty members (Prof, Sharavana .K, Prof. Aasha Sultana, Pro. Adeel Ahmed Khan and Prof. Pakruddin .B) had <b>visited Infosys campus on 11th May 2017.</b>

#### AY 2016-17

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

#### IV Students Achievements

##### 1 Students Publications

#### AY 2022-23

1	Anthony Prasanna Hridaynadan, Hussain Khan A Jahagirdar , Krishan Kumar Bhushan, Mahadore Apurva Manohar- Title: <b>Implementation Of Multimedia Generation Using Deep Learning And Neural Network</b> , Journal of Emerging Technologies and Innovative Research, International, Volume 10, Issue 5, May 2023 2349-5162, <a href="https://www.jetir.org/papers/JETIR2305252.pdf">https://www.jetir.org/papers/JETIR2305252.pdf</a>
2	Deepak N, Goutham C, Karthika Hiremath, Lokesh S B, Title : <b>Personal Career Recommendation System using Machine Learning</b> , Personal Career Recommendation System, International Volume 3, Issue 2, March 2023 2581-9429 <a href="https://ijarsct.co.in/Mar3i2.html">https://ijarsct.co.in/Mar3i2.html</a>
3	Abdul Khalique, Bhumika S, Bipin Singh, Kubra Banu, Title : <b>A WATER QUALITY DETECTOR USING IOT</b> , International Research Journal of Modernization in Engineering Technology and Science, International Volume 5, Issue 3, March 2023 2582-5208 DOI :



	<a href="https://www.doi.org/10.56726/IRJMETS34171">https://www.doi.org/10.56726/IRJMETS34171</a>
4	Jabeen A I,Mohammed Hisham,Mohammed Mustafa,Title: <b>Sign Language Detection</b> , International Journal of Research and Analytical Reviews (IJRAR) International, Volume 10, Issue 1, Feb 2023 2349-5138 <a href="https://www.ijrar.org/papers/IJAR23A1889.pdf">https://www.ijrar.org/papers/IJAR23A1889.pdf</a>
5	Aamira Fathima,Juveriya Khatoon,Mohammed Roushan,Mohammed Zain Ali, Title: <b>Smart Monitoring &amp; Detection of Flood Area using Deep Learning &amp; Embedded IoT</b> ,International Journal of Research and Analytical Reviews (IJRAR), International Volume 10, Issue 1, March 2023 2349-5138 <a href="https://www.ijrar.org/papers/IJAR23A2314.pdf">https://www.ijrar.org/papers/IJAR23A2314.pdf</a>
6	Chandrika G,Jaseela Beary,Likith Kumar N,Mohammed Asi- Title: <b>Automation in Soil Irrigation</b> , International Journal of Advances in Engineering and Management (IJAEM) International Volume 5, Issue 2 Feb. 2023 "2395-5252, <a href="https://ijaem.net/issue_dcp/Automation%20in%20Soil%20Irrigation.pdf">https://ijaem.net/issue_dcp/Automation%20in%20Soil%20Irrigation.pdf</a>
7	Arunachala B U,M Harshith,Manimaran M, and Vignesh T, Title : <b>Automatic Music Playlist Library Recommendation Algorithm based on Facial Micro expression Reorganization</b> , International Journal of Research and Analytical Reviews (IJRAR) International Volume 10, Issue 1, March 2023 2349-5138 <a href="https://www.ijrar.org/papers/IJAR23A2454.pdf">https://www.ijrar.org/papers/IJAR23A2454.pdf</a>
8	Gowtham N,Abinesh M,Akshay,Allwin A, Title: <b>Smartcity Cleanliness Detection and Monitoring</b> , International Journal of Research and Analytical Reviews (IJRAR) International, Volume 10, Issue 1, March 2023 2349-5138 <a href="https://www.ijrar.org/papers/IJAR23A2448.pdf">https://www.ijrar.org/papers/IJAR23A2448.pdf</a>
9	Jawad Shariff, Mohammed Hamdan, Mohammed Sadiq, Mohammed Saif Malik,Title: <b>Body Mass Index Prediction using Face Images</b> , International Journal of Research and Analytical Reviews (IJRAR) International, Volume 10, Issue 1, March 2023 2349-5138, <a href="https://www.ijrar.org/papers/IJAR23A2245.pdf">https://www.ijrar.org/papers/IJAR23A2245.pdf</a>
10	Alisha I,Hafsa Fathima,Mohammed Yaseen Parvez,Title: <b>Trash Classification using Deep Learning</b> International Journal of Research and Analytical Reviews (IJRAR), International Volume 10, Issue 1, March 2023 2349-5138 <a href="https://www.ijrar.org/papers/IJAR23A2750.pdf">https://www.ijrar.org/papers/IJAR23A2750.pdf</a>
11	Misbah Ahmed Shariff, Mohammed Abu Bakkar Khan, Mohammed Riyan Ahmed, Syed Mateenuddin,Title : <b>Night Patrolling Robot</b> International Journal of Research and Analytical Reviews (IJRAR), International, Volume 10, Issue 1, Feb 2023 2349-5138, <a href="https://www.ijrar.org/papers/IJAR23A1868.pdf">https://www.ijrar.org/papers/IJAR23A1868.pdf</a>
12	Absaar Z Mulla,Mohammed Ahshaam Khan,Syed Farhan Naseer,Ummehani Fathima, Title : <b>Sleep Smart: Breath Analyser To Manage Sleep Apnea</b> , International Journal of Research and Analytical Reviews (IJRAR), International Volume 10, Issue 1, Feb 2023 2349-5138, <a href="https://www.ijrar.org/papers/IJAR23A1874.pdf">https://www.ijrar.org/papers/IJAR23A1874.pdf</a>
13	Amit Kumar Mishra,Aritra Karmakar,Bhagyashree Bisoi,Prateek Kumar,Title : <b>Superheterodyne Frequency Modulation Radio Receiver using IoT</b> , International Research Journal of Modernization in Engineering Technology and Science International Volume 5, Issue 3, March 2023 2582-5208. DOI : <a href="https://www.doi.org/10.56726/IRJMETS34596">https://www.doi.org/10.56726/IRJMETS34596</a>
14	Ayesha Aleema,Kaneez Fathima,Kaunain Imran, Kubra Fathima,Title: <b>Augmented Reality with Internet of Things</b> . International Journal of Enhanced Research in Management & Computer Applications International Volume 12, Issue 2, Feb 2023 2319-7471. <a href="https://www.erpublications.com/uploaded_files/download/mohammed-imiya-ayesha-aleema-kaneez-fathima-kaunain-imran-kubra-fathima_mouGI.pdf">https://www.erpublications.com/uploaded_files/download/mohammed-imiya-ayesha-aleema-kaneez-fathima-kaunain-imran-kubra-fathima_mouGI.pdf</a>
15	Kathi Joe Daniel,Monika G,Navya R, S Varshitha,Title : <b>Soldier Health Monitoring and Tracking System using IoT</b> International Journal of Enhanced Research in Management & Computer Applications, International Volume 10, Issue 6, Nov 2022 2319-7471 <a href="https://www.erpublications.com/uploaded_files/download/v-balaji-vijayan-kathi-joe-daniel-monika-g-navya-r-s-varshitha_cAAcD.pdf">https://www.erpublications.com/uploaded_files/download/v-balaji-vijayan-kathi-joe-daniel-monika-g-navya-r-s-varshitha_cAAcD.pdf</a>
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10	Milancy S T, Misbah Fathima, MSheba Begum, Shravani Dv, <b>"Survey on GRAMA VIKAS: A Smart Model For Rural Development"</b> , Journal of Huazhong University of Science and Technology, Volume 50 Issues 07 June 2021
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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.
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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.

**2 Student Best Projects****AY 2021-22**

1	Arunachala B U, M Harshith,Manimaran M, Vignesh T, <b>Project title :Automatic Music Playlist Library Recommendation Algorithm based on Facial Microexpression Recognition-</b> Project Type :Software Type, 3rd Prize in Project Exhibition at HKBK College of Engineering,
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	Selected in KSCST got Grants upto Rs.4000
2	Kathi Joe Daniel, Monika G, Navya R, S Varshitha, <b>Project Title Soldier Health Monitoring and Tracking System using IoT</b> Project Type :Hardware Type 1st Prize in Project Exhibition at HKBK College of Engineering, Selected in KSCST final round got Grants upto Rs.5000
3	Ameena Arfa Khanum, Amreen Khanum, Fiza Fathima, Saniya Sahar, <b>Project Title: Smart Cap for Visually Impaired Person using Raspberry Pi</b> Project Type :Hardware Type Selected in KSCST got Grants upto Rs.4000
4	Mohammed Zaafir Goltay, Saud Ali, Shahbaj Alam, Sourav Pal, <b>Project Title: Prediction and computation of future stock using time Series,</b> Project Type :Software Type Selected in KSCST got Grants upto Rs.4000
5	Abhinay Kumar, Jabeen A I, Mohammed Hisham, Mohammed Mustafa, <b>Project Title Sign Language Detection using Python OpenCV</b> Project Type :Software Type 1st Prize in Project Exhibition at HKBK College of Engineering
6	Misbah Ahmed Shariff, Mohammed Abu Bakkar Khan, Mohammed Riyan Ahmed, Syed Mateenuddin, <b>Project Title: Night Patrolling Robot,</b> Project Type :Hardware Type 2nd Prize in Project Exhibition at HKBK College of Engineering
7	Muameed Hussain B, Muhammed Saqlain Owais, Pavithra M, Zeenath M A, <b>Project Title: An Enhanced Virtual Fitting Room,</b> Project Type : Software Type 3rd Prize in Project Exhibition at HKBK College of Engineering

### AY 2020-21

1	Fizath Ul Aien, Fathima Azra, Noor Ayesha, Nasreen Banu M, <b>"Plastic Recycling Based Smart and Secure Mobile Charger for Public Places"</b> KSCST Project Finance Assistance for Innovative Final years Projects Cash Prize Amount Rs. 5,000/-
2	Samreen Fathima, L Sayeeda Zainab, Taskeen Fathima, Umme Haneer, <b>"Analysis and Monitoring Air quality using RASPBERRY Pi"</b> , KSCST Project Finance Assistance for Innovative Final years Projects Cash Prize Amount Rs.5,000/-
3	Bharath K, Prema S, Shashikala P, Tejaswini N, <b>"Autonomous Car"</b> , 1. KSCST Project Finance Assistance for Innovative Final years Projects 2. Nominated as Best Project in Project exhibition 2020-21 conducted by HKBKCE, Bangalore. Cash Prize Amount Rs.5,000/-
4	Rajkiran, Michael Sara Khanum, Shalini Gowda, Tajuddin, <b>"Contactless Detection Of Covid 19 Using Deep Learning With X-Ray Images"</b> 1. VTU Project Finance Assistance for Innovative Final years Projects State Level 2. Nominated as Best 3rd Project in Project exhibition 2020-21 conducted by HKBKCE Bangalore, Selected
5	Firoj Alam, Shiwam Nishad, Rankit Kumar, Abhishek Rana, <b>"Crop Yield Prediction Based On Indian Agriculture"</b> VTU Project Finance Assistance for Innovative Final years Projects State Level, Selected
6	Mohammed Waseem, Mohammed Yaseen Nabil Ali, Tamim Ahmed, <b>"Laptop Assistance"</b> , Nominated as Best 2nd Project in Project exhibition 2020-21 conducted by HKBKCE, Bangalore.

### AY 2019-20

7	Mariam Umer, Mayank Khan Singh Dsouza, Ayesha Noorain R and Lester Xess- <b>"WATER MINERALIZER"</b> VTU Project Finance Assistance for Innovative Final years Projects State Level Cash Prize Amount Rs. 5,000/-
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8	Bi Bi Khatija,Harris K. R,M. Shaista Tarannum and Nida Sayedi- <b>“A Literature Survey on Child Safety Wearable Device”</b> VTU Project Finance Assistance for Innovative Final years Projects State Level Cash Prize Amount Rs. 5,000/-
9	Babitha S,Afreen Bokhari,Nadiya Sayedi and Anitha P-” <b>IOT Based Smart Talking Energy Meter”</b> International conference on Innovation in Engineering Science Technology and Management.Best Paper Award Certificate
10	Faraaz Ahmed,Faraz Ahmed,Ruman Pasha and Vinay Prathap.N- <b>“Precision Farming Using Mobile Application Development”</b> ,VTU, Belagavi, VTU FOSS Project AY-2018-19 Cash Prize,Amount Rs. 5,000/-
11	D. Padma Bhavani,Hanidia Misbah S. S,Madhu Shree M. S and Mamtha H. L, <b>“Smart Baby Cradle Based on IOT”</b> ,HKBK Group of Institutions, Bengaluru,Cash Prize,Amount Rs. 5,000/-
<b>3</b>	<b>Students Skilled NPTEL Online Certification Courses</b>
1	Ms. Sarvath Saba, 4 <sup>th</sup> Semester completed the course on <b>“Ethical Hacking”</b> with a consolidated score of <b>51%</b> on July-October 2019(12 week course)
2	Ms. Asra Zulfiqhar, 4 <sup>th</sup> Semester completed the course on <b>“Introduction to Programming in C”</b> with a consolidated score of <b>54%</b> on July-September 2019(8 week course)
3	Mr. Arshadkhan A Jahagirdar 4 <sup>th</sup> Semester completed the course on <b>“Cloud Computing”</b> with a consolidated score of <b>64%</b> on August-October 2019(8 week course)
4	Mr. Arshadkhan A Jahagirdar 4 <sup>th</sup> Semester completed the course on <b>“Software Engineering ”</b> with a consolidated score of <b>69%</b> on July-October 2019(12 week course)
5	Mr. Mohammed Saeed 4 <sup>th</sup> Semester completed the course on <b>“Cloud Computing”</b> with a consolidated score of <b>54%</b> on August -October 2019(8 week course)
6	Mr. Mohammed Saeed 4 <sup>th</sup> Semester completed the course on <b>“The Joy of Computing Using Python”</b> with a consolidated score of <b>73%</b> on July-October 2019(12 week course)
7	Mr. Mohammed Saeed 4 <sup>th</sup> Semester completed the course on <b>“Cloud Computing”</b> with a consolidated score of <b>54%</b> on August -October 2019(8 week course)
8	Mr. Syed Mohammed Idris, 6 <sup>th</sup> Semester completed the course on <b>“Ethical Hacking”</b> with a consolidated score of <b>66%</b> on July-October 2019(12 week course)
9	Mr. Rajkiran Michael, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>46%</b> on July-September 2019(8 week course)
10	<b>Ms.Fathima Azra, 5<sup>th</sup> Semester completed the course on “ The Joy of Computing Using Python” with a consolidated score of 72% on July-October 2019(12 week course)</b>
11	Mr. Haithik chandrashekar, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>65%</b> on July-September 2019(8 week course)
12	Ms. Nasreen Banu M, 5 <sup>th</sup> Semester completed the course on <b>“Python for Data Science”</b> with consolidated score of <b>58%</b> on August-September 2019(4week course)
13	Mr. Bharath K, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>59%</b> on July-September 2019(8 week course)
14	Ms. Misbah Fathima M, 5 <sup>th</sup> Semester completed the course on <b>“Python for Data Science”</b> with consolidated score of <b>63%</b> on August-September 2019(4week course)
15	Mr. Ruban 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>62%</b> on July-September 2019(8 week course)
16	Mr. Mohammed Shahid, 5 <sup>th</sup> Semester completed the course on <b>“Python for Data Science”</b> with consolidated score of <b>65%</b> on August-September 2019(4week course)
17	Mr. Scabin S Mural, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>50%</b> on July-September 2019(8 week course)
18	Mr. Shashank .C, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>51%</b> on July-September 2019(8 week course)
19	Ms. Sheba Begum, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a consolidated score of <b>46%</b> on July-September 2019(8 week course)
20	Ms. Sharavani D V, 5 <sup>th</sup> Semester completed the course on <b>“Data Base Management System”</b> with a

	<b>consolidated score of 72% 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-2022-23 Sports</b>	
1	As a part of the inter Department Annual sports Event, Abid ,Mohammed Rinchad, Asham ,Allwin, Swapnil, Zain Ali, Hamdan, Manimaran, (final year)won the First prize in football for boys , which was held on 27th December 2022.
2	As a part of the inter Department Annual sports Event, Muhammed Hussain B, Thouhidpasha, Tabrez Ahmed, Tulsi Ram,Thrishul Rai,Srujan,Uzair,Muhammed Saqlain Owais, Shahbaj Alam (final year)won the First prize in Volleyball for boys , which was held on 25th December 2022.
3	As a part of the inter Department Annual sports Event, Shailesh,Rothen Shetty ,Hamdan ,Asham Khan,Jeevan,Sujan,Ashik,Rohith,Bharath,Hassan,Ram, Kreethik (final year)won the First prize in Volleyball for boys , which was held on 31 <sup>st</sup> December 2022.
<b>AY-2021-22 Sports - Sports Annual data</b>	
1	As a part of the Inter Department Annual sports Event, Sharon Philip - Suruchi Yadav- Afra Mariam – Pooja – Binita- Sarvath Saba- Poonam Karki (final year) won the first prize in basketball for girls, which was held on 19 <sup>th</sup> & 23 <sup>rd</sup> November 2021.
2	As a part of the Inter Department Annual sports Event, Shamanth Achar - Ranjeet Singh Gill- Deepak N- Jeevan T- Ashik S- Goutham Dvg - Syed Jawad- Shylesh Kumar- Rothan Shetty – Abid (final year) won the second prize in kabaddi for boys, which was held on 1 <sup>st</sup> and 2 <sup>nd</sup> December 2021
3	As a part of the Inter Department Annual sports Event, Allwin A, Yash Rawal, Sudeep Shetty S, Swapnil Mallick, Muhammed Rinshad C P, Abid – Captain, Mohammed Zain Ali, Mohammed Hamdan, Syed Jawad, Mohd Rizwan Pochi, Mohd Rehan Pochi, Sadhath Riffath-(final year) won the first prize in Football for boys, which was held on 29 <sup>th</sup> and 30 <sup>th</sup> November 2021.
4	As a part of the Inter Department Annual sports Event, Likith, Sudeep, Jawad, Mazz, Akash, Sar - (final year) won the first prize in Basketball for boys, which was held on 17 <sup>th</sup> and 18 <sup>th</sup> November 2021
5	As a part of the Inter Department Annual sports Event, Ranjeeth singh gill, Shamant achar, Zakwan Jaleel, Bipin singh, Shabaz alam, Husain, Pratik Kumar, Chandan Machi, Farmaan, Fouzan Niyaz, Touhid Pasha -(final year) won the Second prize in Cricket for boys, which was held on 13 <sup>th</sup> and 27 <sup>th</sup> November & 11 <sup>th</sup> December 2021
6	. As a part of the Inter Department Annual sports Event, Poonam Karki, Sarvath Saba, Syeda Tahoora Iram, Bhavana R, Ramya, Ayesha Zaheen, Umme Kulsum S, Arfa Shariff, Swathi, Sharanya S -(final year) won the first prize in Throwball for girls, which was held on 15 <sup>th</sup> and 16 <sup>th</sup> November 2021.
7	As a part of the Inter Department Annual sports Event, Arshiya Shariff - Pooja Gharti Magar (third year) won the third prize in 200 meters racing for girls, which was held on 9 <sup>th</sup> & 10 <sup>th</sup> December 2021.
8	As a part of the Inter Department Annual sports Event, Mohammad Hamdan (third year) won the second prize in Shot put for boys, which was held on 13 <sup>th</sup> & 14 <sup>th</sup> December 2021.
9	As a part of the Inter Department Annual sports Event, Yeshaswini S – Sharanya S (final year) won the first and third prize in shot put for girls, which was held on 13 <sup>th</sup> & 14 <sup>th</sup> December 2021.

10	As a part of the Inter Department Annual sports Event, Shamanth Achar (final year) won the second prize in Discus throw for boys, which was held on 13 <sup>th</sup> & 14 <sup>th</sup> December 2021.
11	As a part of the Inter Department Annual sports Event, Ayesha Zaheen (second year), Sharanya s (final year) won the second and third prizes in Discus throw for girls, which was held on 13 <sup>th</sup> & 14 <sup>th</sup> December 2021.
12	As a part of the Inter Department Annual sports Event, Mohammad Hussain (third year), won the first prize in javelin throw for boys, which was held on 13 <sup>th</sup> & 14 <sup>th</sup> December 2021
13	As a part of the Inter Department Annual sports Event, Yashaswini S, Poonam Karki (final year) won the first and second prizes in Discus throw for girls, which was held on 13 <sup>th</sup> & 14 <sup>th</sup> December 2021
14	As a part of the Inter Department Annual sports Event, Shamanth Achar, Thouhid pasha, Saqlain Owais, Saud Ali khan, Samarth (final and third year) won the first, second and third prizes in carrom for boys doubles, which was held on 3 <sup>rd</sup> and 6 <sup>th</sup> of December 2021
15	As a part of the Inter Department Annual sports Event, Rumasa, Swathi, Rakshitha, Ramya, Prachi (second and third year) won the first, second and third prizes in carrom for girls doubles, which was held on 3 <sup>rd</sup> and 6 <sup>th</sup> of December 2021
16	As a part of the Inter Department Annual sports Event, Rothan Shetty (third year), won the first prize in table tennis for boys doubles, which was held on 7 <sup>th</sup> and 8 <sup>th</sup> of December 2021\
17	As a part of the Inter Department Annual sports Event, Sharanya, Yashaswini, Rashmi Nayak, Sharon philip, Dhanalakshmi, Megha p (final year) won the first, second and third prizes in Badminton for girls doubles, which was held on 11 <sup>th</sup> , 12 <sup>th</sup> and 13 <sup>th</sup> of November 2021

### **AY-2022-23 Calypso 2023**

1	As a part of the Inter Department Event, Pooja P- 1HK20IS073, Maxson K Joseph- 1HK20IS044 (third year) won the first and third prizes in Debate, which was held on 27.03.2023
2	As a part of the Inter Department Event, Pooja P- 1HK20IS073, Akhil Mathew- 1HK20IS008(third year) won the first and second prizes in pick and speak, which was held on 27.03.2023
3	As a part of the Inter Department Event, Pooja P- 1HK20IS073 (third year) won the first prize in classical dance solo, which was held on 28.03.2023
4	As a part of the Inter Department Event, Pooja P- yeleana Barman-Chandrika-Yeshaswini won the first prize in classical dance group, which was held on 28.03.2022
5	As a part of the Inter Department Event, Anjali M- 1HK20IS011 (third year) won the third prize in non-classical singing solo, which was held on 28.03.2023
6	As a part of the Inter Department Event, Pratheek – Shahbaz- Mohammed Riyan Ahmed- Anjali- Allwin- Harshith- Mohammed Abubakkar- Yeleana won the second prize in non-classical singing group, which was held on 28.03.2023
7	As a part of the Inter Department Event, Mohammed Hisham Rahman (third year) , Jayanth Chand ( second year) won the first and third prizes in gaming , which was held on 27.03.2023
8	As a part of the Inter Department Event, Kathi Joe Daniel- Monika (final year) , Swathi P – Yeshaswini ( third year) won the first and second prizes in flower arrangements, which was held on 29.03.2023
9	As a part of the Inter Department Event, Pooja P- 1HK20IS073, Maxson K Joseph- 1HK20IS044 (third year) won the first and third prizes in Debate, which was held on 27.03.2023
10	As a part of the Inter Department Event, Mohammed Ahsham- Mohammed Riyan Ahmed- Mohammed Abubakkar- Prateek- Misbah Ahmed- Mohammed Asif- Jaseela Beary (final year) won the second prize in skit, which was held on 27.03.2023
11	As a part of the Inter Department Event, Mohammed Ahsham- Sheikh Muskan-Umme Uzma-Saba Fathima- Syed Sadiq Raza- Absaar Mulla- Kubra Banu (final year) won the first prize in Mad-Ads, which was held on 29.03.2023



12	As a part of the Inter Department Event, Akhil Mathew- Akash Tatti-Gokul- Maxson k Joseph- Ashik- Bhavy Jain-Allwin-( third year), Mohammed Ahsham- Sheikh Muskan-Umme Uzma-Saba Fathima- Syed Sadiq Raza- Absaar Mulla- Kubra Banu (final year) won the second and third s prizes in Mime which was held on 29.03.2023
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### AY-2021-22 Calypso 2022

1	As a part of the Inter Department Event, Aamina Afqa - 1HK18IS007 (final year) won the first prize in creative writing, which was held on June 13, 2022.
2	As a part of the Inter Department Event, Sidra mariam- 1HK19IS099 (3rd year), and Syeda Umme Kulsum-1HK20IS110 (3rd year) won the second, and third prizes in Mehndi out of 29 registrations, which was held on June 15, 2022.
3	As a part of the Inter Department Event, Keren Stephanie (third year), Arshiya Kousar (first year), and Devika M (3rd year) have won the first, second, and third prizes in Painting, which was held on June 16, 2022.
4	As a part of the Inter Department Event, Syed Hameed shah – Sarita Patil- Sayeeda Misbah (first year), Vidya Shree- Uday R- Rachana Appannavar (second year), won second prize in Rangoli free hands, which was held on June 17, 2022.
5	As a part of the Inter Department Event, Anusha – Bhoomika- K S Varsha (second year) won the first prize in Rangoli dots, which was held on June 17, 2022.
6	As a part of the Inter Department Event, Maxson K Joseph- 1HK20IS044 (second year) won the first prize in Debate, which was held on June 21, 2022.
7	As a part of the Inter Department Event, Syed Jawad-Mahak Khan- Saud Ali (Final year) won the third prize in Dumb Charades, which was held on June 22, 2022.
8	As a part of the Inter Department Event, Syed Jawad-1HK18IS093(Final year) won the third prize in Pick and speak, which was held on June 24 2022.
9	As a part of the Inter Department Event, Abid- 1HK19IS006(Third year) won the first prize in Gaming NFS, which was held on June 25 2022.
10	As a part of the Inter Department Event, Anjali -1HK20IS011(Second year) won the first prize in non-classical singing solo, which was held on June 27 2022.
11	As a part of the Inter Department Event, Prateek kumar- Shahbaj Alam- Mohammed Riyan Ahmed- Mohammed Abubakkar- Mohammad Zain- Allwin- Anjali (Third year) won the first prize in non-classical singing group, which was held on June 28 2022
12	As a part of the Inter Department Event, Shaik Muskan – 1HK19IS092, Jaseela beary-1HK19IS032(Third year) won the first and third prizes in non-classical dance solo, which was held on June 29 2022
13	As a part of the Inter Department Event, Pooja P- 1HK20IS073(Second year) won the first prize in classical dance solo, which was held on June 30 2022
14	As a part of the Inter Department Event, Pooja p- Mahadaore Apoorva- Jaseela beary (second and third year) won the second prize in classical dance group, which was held on July 01 2022.
15	As a part of the Inter Department Event, Shivani- Binita- pooja -Gargi (second year) won the third prize in non-classical dance group, which was held on July 8 2022
16	As a part of the Inter Department Event, Mohammad Mustafa- Mohammad Riyan Ahmed- Misbah Ahmad- Mohammed Asif- Juveriya-Jaseela beary- Jabeen -Bhagyashree-(Third year), Saba Fathima- Syed Sadiq raza-Umme Uzma-Sheik Muskan-Kubra Banu-Abdul Khalique-Sushanshi Kumari- (third year) won the second and third prizes in skit, which was held on July 9 2022



17	As a part of the Inter Department Event, Saba Fathima-Syed Sadiq raza-Umme Uzma-Sheik Muskan-Kubra Banu-Abdul Khalique-Sushanshi Kumari- Mohammed Ahsham (third year) won the second prize in Mad-Ads which was held on July 11 2022
18	As a part of the Inter Department Event, Saba Fathima-Kubra Banu-Abdul Khalique-Sushanshi Kumari- (third year) , Swathi P- Sandhya- Yashaswini – Surjan(second year) won the second and third prizes in Best out of waste , which was held on June 16 2022
19	As a part of the Inter Department Event, Pooja P-Tahmeer Pasha – Akash Tatti – Akhil Mathew-Ashik S- Gokul- Allwin (second and third year), Mohammed Mustafa – Jabeen – Jaseela Beary – Mohammad Asif- Abinay (third year) won the first and second prizes in mime, which was held on July 9 2022

### AY-2019-20

1	Arpitha N, Ayesha Sharief, Monish M Gowda, Bopanna N S, Anto Vivek Participated in IICDC- India Innovation Challenged Design Contest 2019 – Project title “The Visionary”
2	Mr. Abubaker and Mr. Ubair were awarded with the certificates and goodies TCS Tech Bytes Quiz Competition – The Regional Round @ JSS Science and Technology, Mysore on 8th March 2019 and secured 4th place scoring 300 points.

### AY-2018-19

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. Zuhair Participated in Janani 2018 VTU Fest, Bhalki, Bidar District, 2018-19, Group singing Indian.
11	Mohd. Zuhair 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.

### AY-2017-18

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”

**AY-2016-17**

<b>1</b>	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" .
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**AY-2015-16**

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.

**5 Distinguished Alumni**

1	GOKUL S, has been offered software engineering position in <b>Ruckus Wireless Private Limited</b> , with package of <b>10LPA in the year 2021-22</b>
2	ASHWINI T K, ASRA ZULFIQHAR, BHUVANA S, JOSHUA SIBY PAUL, MOHAMMED KAMRAN, PRUDHVI, RASHMI NAYAK B, RISHI RAJ SINGH, got placed in <b>I-EXCEED</b> with the package <b>4.66 in the year 2021-22</b>
3	MADHUMITHA P, got placed in PUBLICIS SAPIENT, with the package of 5.1 LPA, MOHD REHAN, got placed in <b>PALLE TECHNOLOGIES</b> , with the package of 5.1 LPA, MOHD RIZWAN, got placed in <b>PUBLICIS SAPIENT</b> , with the package of 5.1 LPA, <b>in the year 2021-22</b>
4	Mr .RANJEET SINGH GILL, got placed in NEO SOFT TECHNOLOGIES, with the package of 5L - 6 LPA <b>in the year 2021-22</b>
5	Mr. HESHAM IFTEKHAR, got placed in CRONJ / REVATURE with the package of <b>5.65 LPA- in the year 2021-22</b>
6	MD ATIQUE BOKHARI got placed in V-CERNER HEALTH CARE SOLUTIONS with package of <b>6.2 LPA, in the year 2019-20</b>
7	MISBAH FATHIMA M - got placed in CSG SYSTEMS INTERNATIONAL (INDIA) PRIVATE ("CSG") <b>6 LPA in , in the year 2019-20</b>
8	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>
9	Ms. Prachi Holagi has been offered software engineering position with the package of <b>3.36 LPA by TCS.</b>
10	Ms. Mamtha H L has been offered software engineering position with the package of <b>3.75 LPA by Accenture.</b>
11	Ms. Misbha Afreen got placed in <b>Oracle, Bengaluru during 2019-20</b>
12	Ms. Rayna John got placed in <b>HP, with the 3.25 LPA.</b>
13	Ms. Nimni V got placed in <b>Torry Harris with the package of 4.1 LPA.</b>
14	Ms. Yadav Kavya <b>Dilip in Mindtree with the 3.8 LPA.</b>
15	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>

V	EVENTS ORGANISED
Faculty Develop Programme Conducted	
1	<p>Five-Day Online National Level Faculty Development Program on “<b>Universal Human Values</b>”- 11th-15th September 2023 in association with ISTE chapter, Eminent Speakers from various institutions - Dr.R. Aruna, Dr. Anil Kumar C, Dr. M. Sathya , Dr. Shalini Prasad and Dr. A. Ajina, Organizing Chairs:: Dr. Komala C R and Prof. Sreekantha B, Organizing Committee: Dr. Usman Aijaz N, Prof. Ghodhandaraman, Prof. Sneha K, Prof. Naheem M R, Prof. Ashwini Patil, Prof. Umme Aymun and Prof. Shreelakshmi Y N</p> <p><b>Platform used: Zoom Meet, WhatsApp Group</b></p>
2.	<p>Five-Day Virtual FDP on “<b>Academic Writing for Research (AWR)</b> “ 28th April – 2nd May 2022- Eminent Speakers and Resource persons from different location Keynote address delivered by Dr. Paul Rodrigues Professor, King Khalid University, Saudi Arabia, Dr. Josephine. Prem Kumar, Professor, Dept. of Computer Science and Enggg. Cambridge Institute of Technology, Bangalore and Dr. Srinivasan Aruchamy Senior Scientist at Robotics and Automation Group, CSIR - Central Mechanical,Engineering Research Institute, West Bengal.</p>
3	<p>Five-Day Virtual Faculty Development Program (FDP) on “<b>Android Application Development Using Kotlin</b>”, 18th to 22nd April 2022, Resource Person: Mr. Mayank Khan Singh D'Souza, UX/UI Designer, Bengaluru, Organizing Committee: Dr. Komala C R, ISE &amp; CSE Team</p>
4	<p>Online AICTE Sponsored 6 Days Online Short Term Training Program (STTP) on “ <b>Python and Mobile Application Development</b>” was conducted on Phase – 1: 13th to 18th August 2020, Phase – 2:3rd to 8th September 2020 and Phase -3 :24th to 29th September 2020, Eminent Speakers from various industries and universities. Program Coordinator Dr. A. Syed Mustafa, Professor &amp; HOD, Dept. of ISE and Prof. Sharavana .K,</p> <p><b>Platform used: Google Meet, WhatsApp Group</b></p>
5	<p>Online FDP on “ <b>“Block Chain, Java Spring Boot, Cloud Native App”</b> was organized by Information Science and Engineering and Computer Science and Engineering, In Association with ISTE, Session Speakers Dr. Manish Kumar Jain - Block ChainArchitect and Data Scientist, Ms. Safa Albadri -Developerlead, Aditi Consulting, Bangalore and Alumni Mr.Nilabh Nikunj - SeniorMember of Technical , VMware R&amp;D,(Cloud service Business Unit),Support, ALS. 10<sup>th</sup> – 12<sup>th</sup> August 2020, at HKBK, Banglaore</p> <p><b>Platform used: Google Meet, WhatsApp Group</b></p>
6	<p>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.</p>
7	<p>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.</p>
8	<p>FDP - Workshop on “<b>MOODLE- Modular Object Oriented Dynamic Learning</b>”, organized by Dr. A. Syed Mustafa , Prof. &amp; HOD, Department of ISE and ISE Faculties, 24<sup>th</sup> -25<sup>th</sup> April 2018, at HKBKCE, Bangalore.</p>
9	<p>FPD on “<b>Analog &amp; Digital Electronics And Data Structures with C Laboratories</b>”, organized by Dr. A. Syed Mustafa , Prof. &amp; HOD, Department of ISE and ISE Faculties, 21<sup>st</sup> -25<sup>th</sup> July 2016, at HKBKCE, Bangalore(collaboration with CSE Department ).</p>
Online E-QUIZ CONDUCTED	
1	<p>Dr. A. Syed Mustafa , Prof. &amp; HOD, <b>Python Quiz Series-3</b> in Association with HKBK-ISTE Chapter and HKBKCE-Innovation club from 29<sup>th</sup> June 2020. E-certificate is provided to all the participants.</p>
2	<p>Prof. SK Jamil Ahmed, <b>Data Mining and Data Warehousing Series-3</b> “in Association with HKBK-ISTE Chapter and HKBKCE-Innovation club from 28th July 2020. E-certificate is provided to all the participants.</p>

3	Prof. Sharavana .K and Prof. Asghar Pasha “ <b>Big Data Analytics Series -3</b> “ in Association with HKBK-ISTE Chapter and HKBKCE-Innovation club from 31 <sup>st</sup> July 2020. E-certificate is provided to all the participants.
<b>Faculty Development Program : WORKSHOP/TECHNICAL TALK/FDP ATTENDED</b>	
<b>AY 2023-24</b>	
1	Dr. Komala C R participated in Twenty day FDP on “Cyber Security ”, held from 25th September to 14th October 2023 organized by Chaitanya Bharathi Institute of Technology (CBIT) in Collaboration with ExcelR Edtech Pvt. Ltd.
2	Dr. Komala C R participated in Five day FDP on “Angular JS and Node JS”, held from 25th to 29th September 2023 organized by the Department of Computer Science and Engineering in association with ISTE Chapter at HKBK College of Engineering, Bangalore.
3	Dr. Komala C R participated in a Nine day training programme on “ChatGPT and Generative AI”, held from 11th to 19th September 2023 organized by ExcelR.
<b>AY 2022-23</b>	
1	Godhandaraman T –Participated in “AWS(Amazon Web Services)”, 27 <sup>th</sup> February – 3 <sup>rd</sup> March 2023- ExcelR Raising Excellence
2	Godhandaraman T –Participated in Data Analytics using Power BI Data Analytics using Power BI”, - 20 <sup>th</sup> -24 <sup>th</sup> March 2023- G Narayanamma Institute of Technology and Science(for women) in collaboration with ExcelR
3	Godhandaraman T –Participated in Hybrid FDP Program -10 <sup>th</sup> – 15 <sup>th</sup> April 2023- City Engineering College.
4	Godhandaraman T –Participated in “Introduction to Internet of Things(IOT)”- 17 <sup>th</sup> – 21 <sup>st</sup> April 2023- AICTE –VTU .
5	Dr. Komala C R participated in Six day faculty development programme on “NLP and ChatGPT APPLICATIONS ”, held from 14th to 19th August 2023 organized by SECAB Institute of Engineering & Technology in Collaboration with ExcelR.
6	Dr. Komala C R participated in the Nineteen day faculty development programme on “Deep Learning for NLP and Computer Vision”, held from 10th July to 28th July 2023 organized by Chaitanya Bharathi Institute of Technology (CBIT) in Collaboration with ExcelR.
7	Dr. Komala C R participated in the Nineteen day training programme on “ChatGPT and Artificial Intelligence”, held from 8th to 26th May 2023 ExcelR.
8	Dr. Komala C R participated in Twenty three day training programme on “Fundamentals of Full Stack Development”, held from 03rd to 25th April 2023 organized by ExcelR.
9	Dr. Komala C R participated in a Five day faculty development programme on “Data Analytics using Power BI”, held from 20th to 24th March 2023 organized by G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelR.
10	Dr. Komala C R participated in Two day FDP on “Patentability Criteria and Filing Process in National and International Applications”, held from 29th August 2022 to 30th Aug ust 2022 organized by IPRC and IQAC, HKBK College of Engineering, Bangalore.
<b>AY 2021-22</b>	
1	Dr. Komala C R participated in Five day FDP on “Academic Writing for Research”, held from 28th April to 02nd May 2022 organized by department of ISE, HKBK College of Engineering, Bangalore.
2	Dr. Komala C R participated in Five day FDP on “Android Application Development using KOTLIN”, held from 18th to 22nd April 2022 organized by department of ISE and CSE, HKBK College of Engineering, Bangalore.
3	Dr. Komala C R participated in One day webinar on the theme “Women Scientists”, conducted on 9th March 2022 organized by KSCST, Indian Institute of Science, Bangalore.
4	Dr. Komala C R participated in Five day faculty development programme on “Applications of Machine learning in Healthcare Technology, held from 22nd to 26th February 2022 organized by Narayana Engineering College, Nellore.



5	Prof. Sreekantha. B- Participated in “FPGA Based Digital system design with HDL”,-3rd -8th May 2021- Vel Tech Multi Tech- Address: #42, Avadi – Vel Tech Road, Poonamallee - Avadi High Rd, Vel Nagar, Chennai, Tamil Nadu 600062 – Online
6	Prof. Neelam Malyadri, Participated in ,”Mobile Application Development”- 17th -25th May 2021- at Sairam College of Engineering, Bangalore
7	Dr.Syed Mustafa- Participated in ,”Mobile Application Development”- 17th -25th May 2021-at Sairam College of Engineering, Bangalore
8	Prof. Priyanka K- Participated in ,”Mobile Application Development”- 17th -25th May 2021-at Sairam College of Engineering, Bangalore
9	Prof. Neelam Malyadri- Participated in” Taxonomy of Internet of Things” 5th June 2021-at Presidency University Bangalore
10	Prof. Neelam Malyadri- Participated in “IPR & Fundamentals of Patent Filing” 8 <sup>th</sup> -10 <sup>th</sup> June 2021 at BVIT Narsapur
11	Prof. Neelam Malyadri- Participated in “Open Stack Private Cloud “ – 19th June 2021 at Indian Society of Technical Education.
12	Prof. Sreekantha. B- Participated in “Challenges and Prospective solutions for Lead free Perovskite solar cells”, -7th June 2021– at Nehru Institute of Engineering and Technology Coimbatore – Online
13	Prof. Sreekantha. B- Participated in “ AI and IoT- Based Technology for Precision Farming and Smart Agriculture ”,-11th June 2021– at KGiSL Institute of Technology
14	Dr.Syed Mustafa- Participated in ,” Demystifying Research Metrics”- 16th June 2021-at Bannari Amman Institute
15	Dr.Syed Mustafa- Participated in ,” Outcome-based Teaching,Assessments & Evaluation”-2nd August 2021– at NBN Sinhgad School of Engineering
16	Dr.Syed Mustafa- Participated in ,” Cyber Forensics & Information Security ”24th Feb 2021– at Dwaraka Doss Goverdhan Doss Vaishnav College
17	Dr.Balaji Vijayan - Participated in ,” Taylor & Francis eBooks and Journals ”28th Jan 2021– at Taylor & Francis Group – Online
18	Dr.Balaji Vijayan - Participated in ,” Cyber Security ”2nd Feb 2021– at Jaya Engineering CollegeThiruninravur - Online
19	Prof. Sharavana.K - Participated in ,” Cyber Security ”2nd Feb 2021– at Jaya Engineering CollegeThiruninravur - Online
20	Prof.Megha - Participated in ,” Cyber Forensics & Information Security ”24th Feb 2021– at Dwaraka Doss Goverdhan Doss Vaishnav College
21	Prof.Bibiana Jennifer J,Dr.Syed Mustafa,Prof.Anisha Kunjan S,Prof.Soumyashree,Dr.Komala C R Prof.Priyanka K,Prof.Heena Kouser Gogi,Prof.Asghar Pasha,Prof.M.Rajani andProf.Sneha K- Participated in “ Women Scientists”-9th March 2021atKSCST,Bangalore –Online
22	Prof.Bibiana Jennifer- Participated in “Cyber Forensics”-2nd Feb 2021- at Jaya Engineering College-Online
23	Prof.Asghar Pasha -Participated in “Cyber Forensics”-2nd Feb 2021- at Jaya Engineering College-Online
24	Prof. Priyanka K-Participated in UHV-30 <sup>th</sup> August 2021 at AICTE, New Delhi -Online

#### **AY 2021-22 – online link**

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

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.

### AY 2018-19

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.

### 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 Mudenahalli.
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 Mudenahalli.
21	Prof. Savithri Ramesh, Participated in " Avenues On Research & Latex , 1st - 3rd February 2018 , ATRIA IT, Bengaluru ,at SVCE, Bangalore.
22	Prof. Asghar Pasha, Participated in “Foundations of linear algebra and machine learning”,16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru.
23	Prof. Farnaaz Khatoon , Participated in “Foundations of linear algebra and machine learning”,16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru.
24	Prof. Sharavana.K, Participated in “Foundations of linear algebra and machine learning”, 16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru.
25	Prof. Reshma S Hebbar, Participated in “Foundations of linear algebra and machine learning”, 16 <sup>th</sup> ,17 <sup>th</sup> and 18 <sup>th</sup> July 2018, PESIT, Bengaluru.
26	Prof. Reshma S Hebbar, Participated in “ Infosys faculty enablement program ”, 5 <sup>th</sup> - 11 <sup>th</sup> August 2018, SJIT, Mangalore.

### AY 2016-17

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

8	Prof. Savithri Ramesh , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.
9	Prof. Sharavana.K , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.
10	Prof. Asghar Pasha , Participated in “ Latex ”,22nd -26th June 2017, HKBKCE, Bengaluru.
11	Prof. Mohammed Mujeerulla , Participated in “ Python Programming and Database Concepts ”,20th -25th June 2017, Jain university,Bengaluru

### **AY 2015-16**

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.

### **VI Faculty Publications National /International Journal and Conferences**

#### **AY 2023-24(International Journal)**

1	Dr. Komala C R - The Q2 SCIE & Scopus indexed journal titled “Multi-UAV computing enabling efficient clustering-based IoT for energy reduction and data transmission” at Journal of Intelligent & Fuzzy Systems, 02 July 2023, DOI: 10.3233/JIFS-231242 ISSN 1064-1246 – IOS Press. <a href="https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs231242">https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs231242</a>
2	Dr. Komala C R - The Scopus indexed international conference paper titled “Multimedia generation using neural network DeepDream” at 2023 International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (ICAECIS) DOI: 10.1109/ICAECIS58353.2023.10170138, 19-21 April 2023, 07 July 2023, IEEE Xplore <a href="https://ieeexplore.ieee.org/document/10170138">https://ieeexplore.ieee.org/document/10170138</a>
3	Dr. Komala C R - The Scopus indexed international conference paper titled “Performance Evaluation of VPNS over MPLS Linux Networks” at 2023 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI) DOI: 10.1109/ACCAI58221.2023.10199558, 25-26 May 2023, 04 Aug 2023, IEEE Xplore <a href="https://doi.org/10.1109/ACCAI58221.2023.10199558">https://doi.org/10.1109/ACCAI58221.2023.10199558</a>

#### **AY 2022-23(International Journal)**

1	Dr.A.Syed Mustafa,A Novel Approach for Multimodal Facial Expression Recognition using Deep Learning,Vol.81, No.13 March 2022, Multimedia Tools and Applications, Springer, <a href="https://doi.org/10.1007/s11042-022-12238-y">https://doi.org/10.1007/s11042-022-12238-y</a>
2	Dr. Komala C R - The Q2 SCIE & Scopus indexed journal titled “Deep Learning for an Innovative Photo Energy Model to Estimate the Energy Distribution in Smart Apartments” at Hindawi, International Journal of Photo energy, Volume 2022, Article ID 1048378, 29th September 2022 <a href="https://doi.org/10.1155/2022/1048378">https://doi.org/10.1155/2022/1048378</a>
3	Dr. Komala C R - The Scopus indexed journal titled “Upper Respiratory Tract Infection Determination using the Distributed Lag Model” at SPECIALUSIS UGDYMAS, SPECIAL EDUCATION, Issue-1, 19th July 2022, ISSN: 1392-5369 <a href="https://www.sumc.lt/index.php/se/article/view/495">https://www.sumc.lt/index.php/se/article/view/495</a>

4	Dr. Komala C R - The Scopus indexed international conference paper titled “An Enhancement of Service Function Chaining in Metro Mobile Ad-Hoc Networks in 5G Communication Using Machine Learning” at International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF), IEEE Xplore DOI: 10.1109/ICECONF57129.2023.10084334, 05-07 January 2023, 03 April 2023, <a href="https://ieeexplore.ieee.org/document/10084334">https://ieeexplore.ieee.org/document/10084334</a>
5	Dr. Komala C R - The Scopus indexed international conference paper titled “Artificial Intelligence driven security model for Internet of Medical Things (IoMT)” at International Conference on Innovative Practices in Technology and Management (ICIPTM), IEEE Xplore DOI: 10.1109/ICIPTM57143.2023.10117713, 22-24 February 2023, 10 May 2023 <a href="https://ieeexplore.ieee.org/document/10117713">https://ieeexplore.ieee.org/document/10117713</a>
6	Dr. Komala C R - The Scopus indexed international conference paper titled “A Remote Health Care Monitoring system using internet of medical things (IoMT)” at International Conference on Innovative Practices in Technology and Management (ICIPTM) DOI: 10.1109/ICIPTM57143.2023.10118103, 22-24 February 2023, 10 May 2023, IEEE Xplore <a href="https://ieeexplore.ieee.org/abstract/document/10118103">https://ieeexplore.ieee.org/abstract/document/10118103</a>
7	Dr. Komala C R - The UGC Care journal titled “OPTIMIZED ALGORITHMS FOR BCI APPLICATIONS” International Research Journal of Modernization in Engineering Technology and Science, May 2023 ISSN: 2582-5208 <a href="https://www.doi.org/10.56726/IRJMETS38797">https://www.doi.org/10.56726/IRJMETS38797</a>
8	Dr. Komala C R - The UGC Care Journal of titled "Implementation of multimedia generation using Deep Learning and Neural Network", Journal of Emerging Technologies and Innovative Research (JETIR), May 2023 ISSN-2349-5162 <a href="https://www.jetir.org/view?paper=JETIR2305252">https://www.jetir.org/view?paper=JETIR2305252</a>
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11	Dr. Komala C R - The UGC Care Journal of titled "Optimized Algorithms For BCI Applications", International Journal of Research and Analytical Reviews (IJRAR), March 2023 ISSN 2349-5138 <a href="http://ijrar.org/viewfull.php?&amp;p_id=IJRAR23A2247">http://ijrar.org/viewfull.php?&amp;p_id=IJRAR23A2247</a>
12	Dr. Komala C R - The UGC Care journal titled “Design of Multi Model Interface to Establish Communication Among Differently Abled People Using IOT” at JETIR, Volume-9, Issue-7, July 2022, ISSN: 2349-5162 <a href="https://www.jetir.org/papers/JETIR2207337.pdf">https://www.jetir.org/papers/JETIR2207337.pdf</a>
13	Dr.V.BalajiVijayan,A Robust, Scalable, and Energy-Efficient Routing Strategy for UWSN using a Novel Vector-Based Forwarding Routing Protocol,Online Published May 2022,Journal of Circuits, Systems and Computers <a href="https://doi.org/10.1142/S0218126622502656">https://doi.org/10.1142/S0218126622502656</a>
14	Dr.V.BalajiVijayan,A Electro Search Optimization based Long Short-Term Memory Network for Mobile Malware Detection,Online Published June 2022,Concurrency and Computation: Practice and Experience <a href="https://doi.org/10.1002/cpe.7044">https://doi.org/10.1002/cpe.7044</a>
15	Prof. Godhandaraman T, Wearable Speech Based Feedback System For Visual Impaired People Using Computer Vision,Vol 10, Issue 1, February 2023, International Journal of Research and Analytical Reviews.



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19	Prof. Anusha K V, Personal Career Recommendation System, Vol.3, Issue 2, March 2023, International Journal of Advanced Research in Science, Communication and Technology. DOI:10.48175/IJARST-8675.
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2	Dr. Komala C R - The SCIE & Scopus indexed journal titled "Machine and Deep Learning Model for Industrial Iot Applications" at JJM, Volume-15, Issue-1, Jan 2022, ISSN: 2008-3645 <a href="https://jjmicrobiol.com/index.php/jjm/article/view/186">https://jjmicrobiol.com/index.php/jjm/article/view/186</a>
3	Dr. Komala C R - The Scopus indexed journal titled "Pre indication of Stock Price Using Prolonged Petite-Stretch Memory (PPSM) Algorithm" at IJME, Volume-7, Issue-1, Jan 2022 ISSN: 0974-5823 <a href="https://kalaharijournals.com/resources/181-200/IJME_Vol7.1_200.pdf">https://kalaharijournals.com/resources/181-200/IJME_Vol7.1_200.pdf</a>
4	Dr. Komala C R, Dr. Syed Mustafa A - The Scopus indexed journal titled "Perception of Covid-19 Contagion using Receptacle Fluoroscopy by applying Deep Learning Methodology" at JPSP, Volume-6, March 2022, ISSN: 2717-7564 (IF:4.20) <a href="https://www.journalppw.com/index.php/jpsp/article/view/1457">https://www.journalppw.com/index.php/jpsp/article/view/1457</a>
5	Dr. Komala C R - The UGC Care journal titled "A Review on MY-SR Next Generation Automated Gas Safety System Using IOT" at IJSRSET, Volume-9, Issue-2, March 2022 ISSN: 2395-1990 <a href="https://doi.org/10.32628/IJSRSET229214">https://doi.org/10.32628/IJSRSET229214</a>
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11	Prof. Sreekantha.B, Prof. Rakheebea Taseen, Prof. Shruthi K C, and Prof. Priyanka K-Intelligent Road Lightning Design Using Wireless Sensor Network ,International Journal of Engineering- Research in Computer Science and Engineering, Vol 8, No.5 May 2021 <a href="https://www.technoarete.org/common_abstract/pdf/IJERCSE/v8/i5/Ext_73019.pdf">https://www.technoarete.org/common_abstract/pdf/IJERCSE/v8/i5/Ext_73019.pdf</a>
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#### **AY 2020-21(International Journal)**

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

19	Prof. Sreekantha B, International Research Journal of Engineering and Technology (IRJET) "Development of Power Monitoring unit using LABVIEW"- <b>IRJET, Volume:08 Issue:07 June 2021</b>
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21	Prof. Priyanka K, International Research Journal of Engineering and Technology (IRJET) "Development of Power Monitoring unit using LABVIEW"- <b>IRJET, Volume: 08 Issue: 07, June 2021</b>
22	Prof. Bibiana Jenifer J, Journal of Huazhong University of Science and Technology "Phishing Email Detection Using Random Forest technique"- <b>HST, Vol 50, Issues 6, June 2021</b>
23	Prof. Bibiana Jenifer J, Journal of Huazhong University of Science and Technology "Plastic Recycling based Smart and secure mobile charger for public places"- <b>HST, Vol 50, Issues 6, June 2021</b>
24	Dr. Syed Mustafa A, International conference on Intelligent computing and control system "TDANE: Mechanism for Validation of Domain Certificates for Trusted Browsing"- <b>IEEE, May 2021</b>
25	Prof. Sreekantha B, International Journal of Engineering Research in Computer Science and Engineering "Intelligent road lighting design using wireless sensor network"- <b>IJERCSE, Volume 8, Issue 5, May 2021</b>
26	Prof. Sreekantha B, International conference advance in science, Engineering and Technology "Intelligent Road Lightning design using wireless sensor network"- <b>ICASET, 21st and 22nd May 2021</b>
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31	Prof. Bhagya K-International Journal of Innovative Research in Technology "Smart Routine Planner Using Machine Learning"- <b>IJIRT, Volume 7 Issue 11, April 2021</b>
32	Prof. Sreekantha B, International conference on Contemporary approach on revolutionary technique in Science and Engineering "Design and Implementation of MANET connected IOT System"- <b>ICCSE, 9th-10th April 2021</b>
33	Prof. Sreekantha B, International conference on Contemporary approach on revolutionary technique in Science and Engineering "Development of Power Monitoring unit using LABVIEW"- <b>ICCSE, 9th-10th April 2021</b>
34	Prof. Shruthi K C, Turkish Journal of Computer and Mathematics Education "An Intelligent Smart Ranked Feature Construction Analysis based on Clustering High Dimensional Data Streams"- <b>Turkish Journal of Computer and Mathematics, Vol 12 Issues 9, April 2021</b>
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37	Prof. Priyanka K, International conference on Contemporary approach on revolutionary technique in Science and Engineering "Development of Power Monitoring unit using LABVIEW"- <b>ICCSE, 9th -10th April 2021</b>
38	Prof. Bibiana Jenifer J, International conference on Contemporary approach on revolutionary technique

	in Science and Engineering, "Development of Power Monitoring unit using LABVIEW"- <b>ICCSE, 9th -10th April 2021</b>
40	Prof. Bibiana Jenifer J, International conference on Contemporary approach on revolutionary technique in Science and Engineering "Design and Implementation of MANET connected IOT System"- <b>ICCSE, 9th -10th April 2021</b>
41	Dr. Syed Mustafa A, International conference Nova Science Publishers Inc "Secured Transactions from the Anomaly User Using 2 Way SSL", Book Chapter published in Anomaly Detection: <b>Techniques and Applications</b> "-Nova Science Publishers, March 2021
42	Prof. Sreekantha B, International conference on intelligent computing, smart communication and network technologies "Design and Development of Radio Frequency Power Sensing Unit"- <b>ICICSCNT, 26-27th March 2021</b>
43	Prof. Priyanka K, International conference on intelligent computing, smart communication and network technologies" Design and Development of Radio Frequency Power Sensing Unit"- <b>ICICSCNT, 26-27th March 2021</b>
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45	Prof. Chandrakala H L, International Scientific Journal of Contemporary Research in Engineering Science and Management "Border Security Using Camouflage Army Robot Based on IoT and Machine learning"- <b>SJCRE SM, Volume:05 Issue:02, Aug.2020</b>
46	Prof. Asghar Pasha, VTU Project Finance Assistance for Innovative Final years Projects "Contactless Detection Of Covid 19 Using Deep Learning With X-Ray Images"- <b>VTU Belgaum, Innovative Final years Projects Selected. 2020-21</b>
47	Dr. Syed Mustafa A, KSCST Project Finance Assistance for Innovative Final years Projects "Analysis and Monitoring Air quality using RASPBERRY Pi"- <b>KSCST, Innovative Final years Projects Selected, 2020-21</b>
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49	Prof. Heena Kousar Gogi, KSCST Project Finance Assistance for Innovative Final years Projects "Autonomous car"- <b>KSCST, Innovative Final years Projects Selected. 2020-21</b>
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51	Prof. Shruthi K C, Journal of critical review "An Efficient framework for Cohesion and quality Topical phrase mining using QBA algorithm"- <b>Journal of critical review, Vol 7, Issues 18,2020</b>
52	Prof. Heena Kousar Gogi, International journal Scientific and Indian Research "A device for dumb and people with usher's syndrome using IOT"- <b>IJSER, Accepted</b>
<b>AY 2019-20(International Journal)</b>	
1	Dr. A Syed Mustafa -"CNN-BLSTM Joint Technique on Dynamic Shape and Appearance of FACS", International Journal of Engineering and Advanced Technology ( <b>IJEAT</b> ), Vol.9 / Issue-4/1754-1757/ <b>April 2020, ISSN: 2249 – 8958</b>
<b>AY 2018-19(International Journal)</b>	
1	Dr. A Syed Mustafa, IoT based Smart Talking Energy Meter, International Journal of Research in Engineering, Science, and Management- <b>IJRESM, volume 2, issue 4,Pages 225-229,April 2019, Impact Factor-4.308, DOI/ISSN-2581-5992.</b>
2	Prof. Sharavana K-"Survey on Design of Bus Boarding Assist System For Blind Using IOT Technology" International Journal of Scientific Research & Engineering Trends( <b>IJSRET</b> )Vol 5, Issue 1/2343/-3432/ 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- <b>JRESM, volume 2, issue 5, Pages 62-67,May 2019, Impact Factor-4.308, DOI/ISSN-2581-5992.</b>

4	Prof. Chandanita Thakur, A Survey on Advance Walking Stick for Blind Assistance using IOT, International Journal of Research in Engineering, Science, and Management- <b>IJRESM</b> , volume 2, issue 5, 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- <b>IJICS</b> , volume 6, Issues 6, Pages 11-12, June 2019, DOI/ISSN 0972-1347
6	Prof. Devisivasankari, "An effective approach for" International Journal of Information and computing Science- <b>IJARIT</b> , volume 5, issue 3, Pages 1256-1257, May 2019, Impact Factor 4.295.

#### **AY 2017-18(International Journal)**

1	Prof. Aseema Sultana, Prof. Farnaz Khatoon- Delineation of the Dimensions of Big Data, and a Review on the Challenges, Opportunities, and Tools of Big Data, International Journal of Engineering Science Invention Research & Development, <b>IJESIRD (Vol 4, Issue 7) Jan -2018, ISSN:2349-6185</b>
2	Prof. Aseema Sultana, Unraveling the Data Structures of Big data, the HDFS Architecture and Importance of Data Replication in HDFS- International Research Journal of Engineering and Technology- <b>IRJET (Vol 05 Issue 01) Jan -2018, ISSN:2395-0056, p-ISSN:2395-0072.</b>
3	Prof. Sharavana K, Prof. Asghar Pasha, Manuscript Entitled "Approach for Deploying the Hybrid Cloud in Diverse Open-Source Tools", Published in IOSR Journals of Computer Engineering ( <b>IOSR-JCE</b> )- 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( <b>IJARIT</b> ), Volume 3, Issue 6, Nov -Dec 201- ISSN:2454-133X, Impact Factor : 4.295.
5	Prof. Shagoufta Taskeen, Prof. Nitya Shree, Prof. Reshma S Hebbar, IoT And Wireless Sensor Network Driven Remote Monitoring In Agriculture Systems, Health Care Systems And Garbage Management- International Journal of Informative ,& Futuristic Research( <b>IJIFR</b> )- Volume 5, Issue 9, MAY 2018- ISSN: 2347-1697.

#### **AY 2016-17(International Journal)**

1	Prof. Sharavana K- Cold Storage Management System for Farmers based on IOT, International Journal Of Recent Trends In Engineering & Research( <b>IJRTER</b> ), vol.3/issue 5/2455-1457/May 2017- Print ISSN: 2455-1457 Impact Factor 4.01
2	Prof. Syed Mustafa, Dr. Y.S. Kumaraswamy- Hybrid Cuckoo Optimization Multi-layer Perception for Hospital Management information System Web Services Quality Classification.- <b>Journal Medical Imaging and Health Informatics/American Scientific Publisher</b> , vol.6/issue 7/1641-14/Nov 2016 [annex-1]- Print ISSN: 2156-7018 Online ISSN:2156-7026

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

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

#### **VII Faculty Publications Text Book/Book Chapters**

1	Dr. Komala C R & Dr. A. Syed Mustafa - A text book titled "Network Security and Cryptography" is published on 24th February 2022 by Scientific International Publishing House, ISBN: 978-93-94002-26-5
2	Dr. Komala C R - A text book titled "Vehicular Ad Hoc Networks" is published on 23rd September 2022 by Notion Press, ISBN-13 : : 979-8888154632
3	Dr. Komala C R - A National book chapter titled "Experimental Investigation on Schema Based Peer-to-Peer data integration process" is published in December 2022 by Smart Computing



	Technologies/ESN Publications, ISBN: 978-93-95196-43-7
4	Dr. Komala C R - An international book chapter titled “Machine Learning-Integrated IoT-Based Smart Home Energy Management System” is published in July 2023 at Handbook of Research on Deep Learning Techniques for Cloud-Based Industrial IoT by IGI Global publications, DOI: 10.4018/978-1-6684-8098-4, ISBN13: 9781668480984
<b>Research Grants</b>	
AICTE has granted an amount of <b>Rs. 2.6 Lakh</b> , AQIS (AICTE Quality Improvement Scheme), <b>STTP(Short Term Training Program)</b> on “ <b>Python and Mobile Application Development</b> ”. The Program Coordinator <b>Dr. A Syed Mustafa. Professor and HOD-ISE and Staff.</b>	
<b>PATENTS -Status (applied/published/granted) – 10 #</b>	
1	Dr. Komala C R & Dr. A. Syed Mustafa - The Indian Patent titled “A ROBOTIC TECHNOLOGY TO STUDY THE POSITIVE TRIATS OF SILVER PARTICLES”, Application No: 361542-001, Applied on 30th March 2022.
2	Dr. Komala C R - The Indian Patent titled “IOT AND WIRELESS BASED INTELLIGENT EVEHICLE WITH SELF-POWER GENERATING OPTIMAL POWER MANAGEMENT”, Patent No: 202141048433 A, Published on 29th October 2021.
3	Dr. Komala C R - The Indian Patent titled “A SYSTEM FOR JUNCTION BASED ANGULAR ROUTING IN VEHICULAR AD HOC NETWORKS (VANET)”, Patent No: 202241020096 A, Published on 8th April 2022.
4	Dr. Komala C R, Dr. A. Syed Mustafa, Prof. Asghar Pasha, Prof. Sneha and Prof. Soumyashree - The Indian Patent titled “A SYSTEM AND METHOD FOR PREDICTION OF STOCK PRICES USING PROLONGED PETITE-STRETCH MEMORY (PPSM) ALGORITHM”, Patent No: 202241022539 A, Published on 29th April 2022.
5	Dr. Komala C R - The Indian Patent titled “A WEARING ARTICLE FOR NAVIGATING VISUALLY IMPAIRED USING MACHINE LEARNING”, Patent No: 202241022469 A, Published on 6th May 2022.
6	Dr. Komala C R - The Indian Patent titled “AN INTEGRATED CORONA VIRUS CONTAGION INTERACTIVE DEVICE BY APPLYING DEEP LEARNING DATA MODELLING AND METHOD THEREOF”, Patent No: 202241063727 A, Published on 8th November 2022.
7	Dr. Komala C R & Dr. A. Syed Mustafa - The Indian Patent titled “AUTOMATIC RAPID METHOD FOR DETECTION OF COVID19 DISEASE USING DEEP NEURAL NETWORK AND IMAGE PROCESSING”, L-120649/2023, granted Indian Copyright on 18th January 2023.
8	Dr. Komala C R, Dr. A. Syed Mustafa, Prof. Ashwini Patil, Prof. Divyajyothi and Prof. Sreekantha B - The Indian Patent titled “A ROUTING SYSTEM IN VEHICULAR AD HOC NETWORKS WITH GEOGRAPHICAL JUNCTION INFORMATION AND METHOD THEREOF”, Patent No: 202341007254 A, Published on 10th February 2023.
9	Dr. Komala C R - The Indian Patent titled “THE CHARACTERISTICS OF AN INNOVATIVE PROPAGATION APPROACH SIXTH-GENERATION (6G) MOBILE COMMUNICATION”, Patent No: 202341004412 A, Published on 17th February 2023.
10	Dr. Komala C R - The Indian Patent titled “SEGMENTATION AND VALIDATION OF LIVER TUMORS”, Patent No: 202341031743 A, Published on 16th June 2023.
11	Dr. Komala C R, Prof. Sneha K and Prof. Naheem M R - The Indian Patent titled “DESIGN OF A MULTI-MODEL INTERFACE TO ESTABLISH COMMUNICATION AMONG DIFFERENTLY ABLED PEOPLE”, Patent No: 202341048149 A, Published on 1st September 2023.
12	Dr. Balaji Vijayan Venkateswaralu- Surveilling Of Crises Implications In Green House Effect And Measuring Frost Using Iot With Ai Method – Published A Novel method IoT based Smart Saline Bottle for Health Care System – Published
13	Prof. Sharavana .K- Approach for deploying the hybrid cloud in diverse open-source tools.. application status- Applied
14	Prof. Priyanka K – IOT and AI based intelligent rover to discover habitable zones on planets - Applied
<b>FUNDS/GRANTS (Applied)- VGST 7.5 L applied</b>	



VGST- 2.5 L- Faculty Development Programme For Engineering College Teachers (FDP-ENGG)Proposal  
TitleFDP on Blockchain Technologies- Applied:VGST Reference Number VRN/003222/21-22- Dr.Balaji  
Vijayan Venkateswaralu and Prof. Sharavana .K

VGST- 2.5 L applied - FDP on Deployment of Machine Learning Models in Real Time Projects, Applied:VGST  
Reference Number VRN/003173/21-22- Prof. Sharavana .K and Prof.Asgar Pasha

VGST- 2.5 L-FDP on Market Predictions using Data Science- Applied:VGST Reference Number  
VRN/002949/21-22- Dr. A. Syed Mustafa and Dr. Komala C R

### **MoUs Signed Companies and Events - 12#**

- 1. ExcelR Edtech Pvt Ltd -**
- 2. Vedhika Infosoft -**
- 3. Brainovision solutions( India) pvt.ltd - Workshop on Web Application and AI and Hackathon**
- 4. Read Hat Academy**
- 5. Prodevans Technologies Pvt Ltd**
- 6. Tequed Labs – Expert Lecture**
- 7. Bytes in Bits Technologies-1 students internship offer, SDP conducted**
- 8. AiROBOSOFT Products and Services – 28 students internship offer**
- 9. TechCiti Technologies Private Limited – 06 students internship offer**
- 10.Karunadu Technologies Private Limited - 02 students internship offer**
- 11.Cranes Varsity Pvt Ltd - 100 + students internship offer**
- 12.Nano Robotics Embed Technologies, Mathikere, Bangalore – 10 students internship offer**
- 13.Upskilling Edutech Pvt. Ltd. - 10 students internship offer**
- 14.Live Wire Technology- 02 students internship offer**
- 15.Infosys Private Limited -10 Internship**

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

<b>Name of the Faculty</b>	<b>Title FDP,Webinar,On line Certification Courses(NPTEL, Udemy, coursera,Skillsco uter</b>	<b>Date- Month- year</b>	<b>Place/Host</b>	<b>Google Drive URL for certificate</b>
Mr. Asghar Pasha	1. Webinar on “Business Intelligence and its Applications ”	5th May	S.E.A College of Engineering and Technology, Bangalore- 560049	<a href="https://drive.google.com/drive/folders/1HoLP0IOCd9DjuYv1644bV6Pv5aboD8pa?usp=sharing">https://drive.google.com/drive/folders/1HoLP0IOCd9DjuYv1644bV6Pv5aboD8pa?usp=sharing</a>
	2. FDP on “ OBE and NBA Accreditation”	9th May 2020	Sinhgad Institute of Technology and Science, Narhe, Pune-41	

	3.FDP on “ Digital Era Teaching”	11th -13th May 2020	Diksoochi, Mysuru- 570022	
	4. International webinar on “Cultivating Positive attitude for Professional Excellence “	13th May 2020	Colombo Plan Staff College, Phillippine.	
	5..FDP on “Big Data Tools”	18 <sup>th</sup> - 23 <sup>rd</sup> May 2020	St. Martin’s Engineering College, Dhulapally, Secunderabad-500100	
	6. Course on “ Goolge Analytics for Beginners “	17th-23rd May 2020	Analytics Academy	
	7. online Quiz on “COVID-19- Awareness”	29th May 2020	HKBK College of Engineering-560045	
	8.Course on “ Advanced Goolge Analytics “	2nd- 21st June 2020	Analytics Academy	
Mr. Sharavana. K	1.FDP on “Big Data Tools”	18 <sup>th</sup> - 23 <sup>rd</sup> May 2020	St. Martin’s Engineering College, Dhulapally, Secunderabad-500100	<a href="https://drive.google.com/file/d/1uKA5b7FUtmkOZ393vIH2qYCHHxiLEgeC/view?usp=sharing">https://drive.google.com/file/d/1uKA5b7FUtmkOZ393vIH2qYCHHxiLEgeC/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/1vPqGZGEXjxG6uF4a7B163nPrBec/view?usp=sharing">https://drive.google.com/file/d/1vPqGZGEXjxG6uF4a7B163nPrBec/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_JFxBY2AahzGjaFdPvBcFVIRFm5u/view?usp=sharing">https://drive.google.com/file/d/1XJ1P_JFxBY2AahzGjaFdPvBcFVIRFm5u/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>
	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. KOTHAMANGALAM-686693, KERALA, INDIA <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1Ztl4lLlGL5J_FtPW249X_B8pMhXnEOGg/view?usp=sharing">https://drive.google.com/file/d/1Ztl4lLlGL5J_FtPW249X_B8pMhXnEOGg/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/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E</a>
	8."Online Quiz on Effective Teaching Methodologies and Teaching Aptitude "	30th June 2020	NRI Institute of Technology Autonomous Approved by AICTE, New Delhi:Permanently Affiliated to JNTUK, Kakinada,A.P-521212 <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E</a>
	9 3-Day online Workshop on “LATEX”	29th June - 1st July 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/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/u/0/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E</a>
	10.Webinar on “IEEE Publication Process”	6th July 2020	Vidyavardhaka College of Engineering,Gokulam, III-Stage, Mysuru - 570 002, Karnataka. Organized by Department of Computer Science and Engineering <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/u/0/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E</a>
	11. National Level Webinar on “jQuery and AngularJS-Web Technology Tools”	4th July 2020	Organized by the School of Science Studies, CMR University.  <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E">https://drive.google.com/drive/u/0/folders/1InvSINjIAfS_l6Y0mx6tEoemejfV_m8E</a>

Ms.P. Devisivasa nkari	IEEE Reference management Tools	20th may 2020	IEEE Bangalore Section	<a href="https://tinyurl.com/vccernv7">https://tinyurl.com/vccernv7</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/1n6dDbWWH1NxDV7uEODCXXhYi0_WEY64j/view?usp=sharing">https://drive.google.com/file/d/1n6dDbWWH1NxDV7uEODCXXhYi0_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,Benga luru. <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1if6xUjxLmmCzi3cGdoGuISY3tSZ8V02Y/view?usp=sharing">https://drive.google.com/file/d/1if6xUjxLmmCzi3cGdoGuISY3tSZ8V02Y/view?usp=sharing</a>
	4. FDP on “Business Analytics with Python”	22nd June-26th June,2020	TKR College of Engineering and Technology, Hyderabad. <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1pFv7syuLNAv6uVkJa0jwMeNw99EeeJtS/view?usp=sharing">https://drive.google.com/file/d/1pFv7syuLNAv6uVkJa0jwMeNw99EeeJtS/view?usp=sharing</a>
	5. FDP on “Image Processing and Data Science”	26th June-29th June, 2020	Canara Engineering College, Mangaluru, Karnataka <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1D-8p3XIPMjk392YVpkRgIOpnOFFeZ9v5z/view?usp=sharing">https://drive.google.com/file/d/1D-8p3XIPMjk392YVpkRgIOpnOFFeZ9v5z/view?usp=sharing</a>



6. FDP on “NLP and related Technologies”	9th July-11th July,2020	NMAMIT,Nitte, Karkala, Karnataka <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1MPnjG79OSp6Zs2N8fMpMT6hAHdhpM9hP/view?usp=sharing">https://drive.google.com/file/d/1MPnjG79OSp6Zs2N8fMpMT6hAHdhpM9hP/view?usp=sharing</a>
7. FDP on “Block Chain,Java Spring Boot and Cloud Native App”	10th August- 12th August,2020	HKBKCE, Bengaluru Karnataka <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1oNcZB9d9YLVONocyaDXDaax_Ny3seRej/view?usp=sharing">https://drive.google.com/file/d/1oNcZB9d9YLVONocyaDXDaax_Ny3seRej/view?usp=sharing</a>
8. FEP on “Python Programming through Infyqtq Platform”	6th July-13th July, 2020	INFOSYS CAMPUS CONNECT <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/10y5reuSyMWfJiaRZiefSWW5_kGiegBUd/view?usp=sharing">https://drive.google.com/file/d/10y5reuSyMWfJiaRZiefSWW5_kGiegBUd/view?usp=sharing</a>
9. FDP on “Data Science and Analytics”	30th Nov-4th Dec,2020	AICTE Training and Learning (ATAL) Academy, IIIT Nagpur <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1s0UyLZtr42mxrKjWC0y_tfYI5Sm7i-Sk/view?usp=sharing">https://drive.google.com/file/d/1s0UyLZtr42mxrKjWC0y_tfYI5Sm7i-Sk/view?usp=sharing</a>
9. Webinar on “ Star AI X-Pert”	28th May,2020	Star Certification <b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/14K6xFLJ2cKLkppA3mNo_OucOCvf3u5W9/view?usp=sharing">https://drive.google.com/file/d/14K6xFLJ2cKLkppA3mNo_OucOCvf3u5W9/view?usp=sharing</a>
10. 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/1GNkIACOXbMxRK-z_cUBhZgFy0qKgixAW/view?usp=sharing">https://drive.google.com/file/d/1GNkIACOXbMxRK-z_cUBhZgFy0qKgixAW/view?usp=sharing</a>
11. 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/1ntGsJYt8qxcvvIze2MIsVj_12LZ2AXOl/view?usp=sharing">https://drive.google.com/file/d/1ntGsJYt8qxcvvIze2MIsVj_12LZ2AXOl/view?usp=sharing</a>
12. 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>
13. 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</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>

			<b>Certificate</b>	
14. Webinar on “Data Analytics using R”	27th June, 2020	P.A. College of Engineering, Mangaluru	<b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1WEJ0D4PkTVCiqupklu9Cd60x63kxT1_j/view?usp=sharing">https://drive.google.com/file/d/1WEJ0D4PkTVCiqupklu9Cd60x63kxT1_j/view?usp=sharing</a>
15. Webinar on “Single Page Application using AngularJS”	11th July, 2020	A.J Institute of Engineering and Technology, Mangaluru	<b>Participation Certificate</b>	<a href="https://drive.google.com/file/d/1LRPfwCNX-kFfNHpjpjHVwRUu5xc0ilKV/view?usp=sharing">https://drive.google.com/file/d/1LRPfwCNX-kFfNHpjpjHVwRUu5xc0ilKV/view?usp=sharing</a>
16. NPTEL 12 weeks course 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/1KncKRevvOI2xHICtZ4N0io1NqR7C7bu/view?usp=sharing">https://drive.google.com/file/d/1KncKRevvOI2xHICtZ4N0io1NqR7C7bu/view?usp=sharing</a>
17. 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/1bnMjNCWl5tUpORjXVamxHOsOFuAy7vhZ/view?usp=sharing">https://drive.google.com/file/d/1bnMjNCWl5tUpORjXVamxHOsOFuAy7vhZ/view?usp=sharing</a>
18. Online Course on “Advance Microsoft Excel”	29th April,2020	Tata Steel ELearning Programing	<b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/15a-jwxFTV8_BYHuxRUuDp_dsOKEDaFO/view?usp=sharing">https://drive.google.com/file/d/15a-jwxFTV8_BYHuxRUuDp_dsOKEDaFO/view?usp=sharing</a>
19. 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/1sPnw1sggZBumJyeEVieNO6OoJ0rwXWd/view?usp=sharing">https://drive.google.com/file/d/1sPnw1sggZBumJyeEVieNO6OoJ0rwXWd/view?usp=sharing</a>
20. Online Course on “ Data Visualization with Python”	12th April, 2020	CognitiveClassAI	<b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/18OA7Ean007TtAUt6bRlcUha0iwyY7Z7o/view?usp=sharing">https://drive.google.com/file/d/18OA7Ean007TtAUt6bRlcUha0iwyY7Z7o/view?usp=sharing</a>
21. 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_yOsj7zxfHVXqO/view?usp=sharing">https://drive.google.com/file/d/10nfHbEAPebB6go3oT9_yOsj7zxfHVXqO/view?usp=sharing</a>

	22. Online Course on “Introduction to Data Science”	12th April, 2020	CognitiveClassAI <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1-1jiN7OBYcFk8vl8tZAgEIX9AMhVgRZf/view?usp=sharing">https://drive.google.com/file/d/1-1jiN7OBYcFk8vl8tZAgEIX9AMhVgRZf/view?usp=sharing</a>
	23. 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-A5MI1OXaZpE_DHqEGY7CAI/view?usp=sharing">https://drive.google.com/file/d/1-yI8mlrvb-A5MI1OXaZpE_DHqEGY7CAI/view?usp=sharing</a>
	24. Online Course on “Machine Learning with Python”	23rd April, 2020	CognitiveClassAI <b>Certificate of Completion</b>	<a href="https://drive.google.com/file/d/1HbWM0qq1OqUreYyvTzjipXv1JDwpDEdF/view?usp=sharing">https://drive.google.com/file/d/1HbWM0qq1OqUreYyvTzjipXv1JDwpDEdF/view?usp=sharing</a>
Mr. SK Jamil Ahmed	25. Online Course on “Bacterial Genomes: From DNA to Protein Function using Bioinformatics”	26th April, 2020	Future Learn Wellcome Genome Campus Advanced Courses and Scientific Conference <b>Certificate of Achievement</b>	<a href="https://drive.google.com/file/d/1ykKmDsKrTcvnia-5mvUGwV_WWN2mFh-x/view?usp=sharing">https://drive.google.com/file/d/1ykKmDsKrTcvnia-5mvUGwV_WWN2mFh-x/view?usp=sharing</a>
	26. Online Course on “Work-Life Balance and Impact of Remote Working”	26th April, 2020	Future Learn Coventry University <b>Certificate of Achievement</b>	<a href="https://drive.google.com/file/d/1cqeqaqfYdNLfsGsHTGzVYNckaPx6M-vFO/view?usp=sharing">https://drive.google.com/file/d/1cqeqaqfYdNLfsGsHTGzVYNckaPx6M-vFO/view?usp=sharing</a>
	27. 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>
	28. 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>
	29. 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/1ILObRk6N3OP3_GhgRXM7PrADZi5nOGGw/view?usp=sharing">https://drive.google.com/file/d/1ILObRk6N3OP3_GhgRXM7PrADZi5nOGGw/view?usp=sharing</a>
	30. 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/18FxZhpTc45hs-m38HLfU6Ln0wlMhCCeX/view?usp=sharing">https://drive.google.com/file/d/18FxZhpTc45hs-m38HLfU6Ln0wlMhCCeX/view?usp=sharing</a>
Mr. SK Jamil Ahmed	31. 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>

	32. Online Quiz on "Test Your Knowledge with NBA Criterias"	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/1rWzC2gmgDaGIurxGkBkbOTUFbC3zdoZh/view?usp=sharing">https://drive.google.com/file/d/1rWzC2gmgDaGIurxGkBkbOTUFbC3zdoZh/view?usp=sharing</a>
	33. Online Quiz on "Python Programming"	15th June, 2020	Bharat Institute of Engineering and Technology, Approved by AICTE, Affiliated to JNTUH <b>Quiz Certificate</b>	<a href="https://drive.google.com/file/d/1weDH_gJeXFU5M-uj_hkPz5OKbTOHODob/view?usp=sharing">https://drive.google.com/file/d/1weDH_gJeXFU5M-uj_hkPz5OKbTOHODob/view?usp=sharing</a>
	34. Online Quiz on "e-Quiz on Python Programming"	28th June, 2020	Bangalore Technological Institute <b>Quiz Certificate</b>	<a href="https://drive.google.com/file/d/176Uhhxl_cIDF2A2q9ffgsSuf12UUGj_u/view?usp=sharing">https://drive.google.com/file/d/176Uhhxl_cIDF2A2q9ffgsSuf12UUGj_u/view?usp=sharing</a>
	35. Online Quiz on "Python Quiz Series 1"	29th June, 2020	HKBK College of Engineering <b>Quiz Certificate</b>	<a href="https://drive.google.com/file/d/1Udnat469Yfsszu95IWVjHpMkGHNACTwF/view?usp=sharing">https://drive.google.com/file/d/1Udnat469Yfsszu95IWVjHpMkGHNACTwF/view?usp=sharing</a>
	36. Online Quiz on "Effective Teaching Methodologies and Teaching Aptitude"	30th June, 2020	NRI Institute of Technology, Affiliated to JNTUK, Kakinada <b>Quiz Certificate</b>	<a href="https://drive.google.com/file/d/1htfuw67r04tzNR6XGS219BOzmeTB6ORB/view?usp=sharing">https://drive.google.com/file/d/1htfuw67r04tzNR6XGS219BOzmeTB6ORB/view?usp=sharing</a>
	37. Online Quiz on "Quiz on Cryptography, Network Security and Cyber Law"	19th July, 2020	The Oxford College of Engineering, Bangalore <b>Quiz Certificate</b>	<a href="https://drive.google.com/file/d/1L1CXLOPjXaZDEtoMFWGHHKja9j2Of-9h_/view?usp=sharing">https://drive.google.com/file/d/1L1CXLOPjXaZDEtoMFWGHHKja9j2Of-9h_/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/1ICkIZXCXgz9RWzLqW75-dHMAyaFqpn39/view?usp=sharing">https://drive.google.com/file/d/1ICkIZXCXgz9RWzLqW75-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: Docker's in Blockchain"	17th - 21st June 2020	AMC college of Engineering, Bangalore	<a href="https://drive.google.com/file/d/1XoJx2pijQ3ctoSwsrLC_UeMC1-cXn1A/view?usp=sharing">https://drive.google.com/file/d/1XoJx2pijQ3ctoSwsrLC_UeMC1-cXn1A/view?usp=sharing</a>
	4. FDP on "Emerging Trends on Cyber Security"	15th - 20th June 2020	CMR Institute of Technology, Bangalore	<a href="https://drive.google.com/file/d/1OgzrOC6CY75qHQSsmK63JJXXp4iNjYv-s/view?usp=sharing">https://drive.google.com/file/d/1OgzrOC6CY75qHQSsmK63JJXXp4iNjYv-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.Rakhee ba Taseen	1.One week FDPon Ict tools	11th -16th May 2020		<a href="https://drive.google.com/drive/folders/1_5RZBqAfc5_J_YJztISMxAhL7SC4VIPN">https://drive.google.com/drive/folders/1_5RZBqAfc5_J_YJztISMxAhL7SC4VIPN</a>
Mrs.Rakhee ba Taseen	2.One week FDP on Artificial intelligence	22nd - 26th May 2020		<a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>
Mrs.Rakhee ba Taseen	3.One week FDPon OBE	25th--29th May 2020		<a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>
Mrs.Rakhee ba Taseen	4.One week FDP on neural networks and deep learning	1st - 5th June 2020		<a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>
Mrs.Rakhee ba Taseen	5.One weekFDP on next generation intelligence	20th -25th May 2020		<a href="https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id">https://drive.google.com/drive/folders/1E5mdmMyEGCr7Pm2irAfKwyH4umLWd9Id</a>
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/1BYviq5GxiLCCU1KILMjsQ3qiLOJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLOJdFmnH</a>
Mrs. Deepika Nair	2.Quiz on Knowledge on NBA criteria	31st May	MLR Institute of Technology,Lax man Reddy Avenue,Dundigal  Hyderabad 500043	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLOJdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLOJdFmnH</a>



Mrs. Deepika Nair	3. Online quiz on “Enhancing Soft Skills”	3rd June 2020	Proudhadeveraya Institute of Technology, (PDIT) Belgaum, Karnataka and recognized by AICTE, New Delhi.	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH</a>
Mrs. Deepika Nair	4. FDP On “ A DevOps approach: Dockers in Blockchain”:	17th -21st June 2020	AMC Engineering College, Department of Computer Science and Engineering, Bangalore. <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH</a>
Mrs. Deepika Nair	5. Webinar on “Preparedness and Challenges of College Teachers in the Post Covid Era”	14th June, 2020	Government First Grade College For Women, Balmatta, Mangaluru. <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH</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/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH</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/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH">https://drive.google.com/drive/u/0/folders/1BYviq5GxiLCCU1KILMjsQ3qiLO.JdFmnH</a>
Mrs. Chandanita Thakur	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>
Mrs. Chandanita Thakur	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>
Mrs. Chandanita Thakur	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>

Mrs.Chand anita Thakur	5.FDP On “ A DevOps approach: Docker 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.Chand anita Thakur	6. FDP on “Data Science”	26 <sup>th</sup> – 30 <sup>th</sup> May 2020	Department of Information to Technology, 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>
Mrs.Chand anita Thakur	7.Quiz on Knowledge on NBA criteria	31st May	MLR Institute of Technology,Lax man Reddy Avenue,Dundigal  Hyderabad 500043	<a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>
Mrs. Chandanita Thakur	8. Online quiz on “Enhancing Soft Skills”	3rd June 2020	Proudhadeveraya Institute of Technology, (PDIT) Belgaum, Karnataka and recognized by AICTE, New Delhi.	<a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>
Mrs. Chandanita Thakur	9. Webinar on “Preparedness and Challenges of College Teachers in the Post Covid Era”	14th June,2020	Government First Grade College For Women, Balmatta, Mangaluru. <b>Participation Certificate</b>	<a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>
Mrs. Chandanita Thakur	10.Webinar on Artificial Intelligence and its Application in Public Health	18th June,2020	Aloysius College	<a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>
Mrs. Chandanita Thakur	11.E-Quiz on Python Programming	15th June,2020	Bhatat Institute of Engineering and Technology	<a href="https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c">https://drive.google.com/drive/u/0/folders/1VDIGw-3Vj9b6Rx8sSfPHYEztCvG9an9c</a>

Ms.Farnaz Khatoon	1.International Webinar on "Preparedness and challenges of class teachers in the post Covid Era"	14-06-2020	Government First Grade College For Women BALMATTA,M ANGALORE- 575001	<a href="https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-">https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-</a>
Ms.Farnaz Khatoon	2.One week FDP on neural networks and deep learning	1st - 5th June 2020	Reva University Bangalore	<a href="https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-">https://drive.google.com/drive/folders/15S4D25NW4tAt3xwxnGUpdbAfzjD5ec4-</a>
Ms.Aparna Nair M K	Online Training Program on Robotics Systems Design using Arm Based MSP432 Microcontrollers	17 <sup>th</sup> -19th June 2020	Texas Instruments India University Program in association with EdGate Technologies Pvt Ltd Bangalore	<a href="https://drive.google.com/file/d/1NrPUYlfdBd12bhhMTUgW2uO3kt_iDbkU/view?usp=sharing">https://drive.google.com/file/d/1NrPUYlfdBd12bhhMTUgW2uO3kt_iDbkU/view?usp=sharing</a>
Ms.Aparna Nair M K	e-Quiz on "Fundamentals of Electronics and Communication Engineering"	31 <sup>st</sup> May 2020	Department of Electronics and Communication Engineering, School of Engineering and Technology, Baba Ghulam Shah Badshah University, Rajouri, Jammu and Kashmir,	<a href="https://drive.google.com/file/d/172P_dUs_am7XNXKLTmJzIKIFwqYww2m9/view?usp=sharing">https://drive.google.com/file/d/172P_dUs_am7XNXKLTmJzIKIFwqYww2m9/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>
Mahesha K	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>

Mahesha K 4	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/13E_Tnjo-eSzILG1sgHj79U4rVvg02duMa/view?usp=drivesdk">https://drive.google.com/file/d/13E_Tnjo-eSzILG1sgHj79U4rVvg02duMa/view?usp=drivesdk</a>
Galeebathul lah.B Technical Paper Writing and Patenting	Online Quiz on "Enhancing Soft Skills"	3 <sup>rd</sup> June 2020	Proudhadevaraya Institute of Technology "	<a href="https://drive.google.com/drive/u/1/folders/1InTAR0SsrqZfSq1wTmvZTsKBYA_tXqIb">https://drive.google.com/drive/u/1/folders/1InTAR0SsrqZfSq1wTmvZTsKBYA_tXqIb</a>
Galeebathul lah.B	Webinar on " Data Analytics Engineering & Science" Answering the 5 W's	4 <sup>th</sup> June 2020	Adhiyamaan College of Engineering	
Galeebathul lah.B	Webinar on " Buisness Intelligence and it's Application"	5 <sup>th</sup> June 2020	S.E.A College of Engineering and Technology	
Galeebathul lah.B	Online Course On " Getting Started with Software Testing Context and Basics	9 <sup>th</sup> June2020	Udemy	<a href="https://drive.google.com/file/d/1wb_H9MDWtOGjiJ9iHLj6GKxO6Z_ZPNcSV/view?usp=sharing">https://drive.google.com/file/d/1wb_H9MDWtOGjiJ9iHLj6GKxO6Z_ZPNcSV/view?usp=sharing</a>
Galeebathul lah.B	Scrum Foundation Professional Certificate (SFPC)	19 <sup>th</sup> June 2020	Certiprof	<a href="https://drive.google.com/file/d/1hUJxm_bQ_RJv8fv_6ajAxYFCNkOW0SFJ/view?usp=sharing">https://drive.google.com/file/d/1hUJxm_bQ_RJv8fv_6ajAxYFCNkOW0SFJ/view?usp=sharing</a>
Galeebathul lah.B	Webinar on "Technical Paper Writing and Patenting "	29 <sup>th</sup> July 2020	AMC Engineering College	<a href="https://drive.google.com/file/d/1Lkg_urwYtPz2gBO0MWMJhSf0_NkkB_44/view?usp=sharing">https://drive.google.com/file/d/1Lkg_urwYtPz2gBO0MWMJhSf0_NkkB_44/view?usp=sharing</a>
Galeebathul lah.B	Webinar on " Agile Software Development "	18 <sup>th</sup> July-2020	PC Jabin Science College ,Hubbali	
Galeebathul lah.B	FDP on "Automation Testing Using Selenium "	6 <sup>th</sup> – 10 <sup>th</sup> July 2020	PC Jabin Science College ,Hubbali	<a href="https://drive.google.com/file/d/1uMsBs6ItGytc6u68xj8I0xpDozqMnTVb/view?usp=sharing">https://drive.google.com/file/d/1uMsBs6ItGytc6u68xj8I0xpDozqMnTVb/view?usp=sharing</a>
Galeebathul lah.B	Webinar on "DNS security and DNS Configuration	3 <sup>rd</sup> July 2020	Brindavan College of Engineering	<a href="https://drive.google.com/file/d/1n78ppc1e8sWXn443G8BN1dr7-cPMVfyf/view?usp=sharing">https://drive.google.com/file/d/1n78ppc1e8sWXn443G8BN1dr7-cPMVfyf/view?usp=sharing</a>



# **HKBK COLLEGE OF ENGINEERING**

**Department of Electronics and Communication**

**Mandatory Disclosure**



1	Name of the Department	ELECTRONICS & COMMUNUCATION ENGINEERING								
	Course	B.E								
	Level	U.G								
	1 <sup>st</sup> year of approval by the Council	Yes (1997)								
	Year wise sanctioned intake	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
		180	180	180	180	180	180	180	180	180
	Year wise Actual Admission	116	116	129	133	127	91	58	160	188
	Cut off marks – General Quota		L-20348	L-25775	L-37105	L-42086	L-35191	L-45559	L-44097	L34667
			H-107524	H-116428	H-175653	H-210821	H-212552	H-153025	H-147335	H-170765
	Students passed with distinction	67	68	62	58	35	10	30	38	31
	Students passed with first class	38	13	14	27	15	24	40	40	20
	Students Placed		38	37	34	28	52	35	72	37
	Average Pay package				4.9 lakh	5 lakh	3lakh	3 lakh	4 lakh	4 lakh
	Students opted for higher studies		4	4	3	--	3	3	--	---
	Accreditation Status of the Course	NBA, NAAC:B								
	Doctoral Courses	No								
	Foreign Collaboration	No								
	Professional Society Membership	<b>Faculty:</b> ISTE, IEEE. <b>College:</b> IEEE ITS Student Branch, IEEE Computer Society Student Branch, ISTE Student Branch								
	Professional Activities	Yes								
	Consultancy Activities	No								
	Grants Fetched	----								

<b>I DEPARTMENTAL ASSOCIATION ACTIVITIES</b>	
<b>FDP/SDP/Workshop/Guest Lectures organized</b>	
<b>AY 2022-23</b>	
<b>Value Added Courses Organized</b>	
1	A Value Added Course was organized on “PCB Design with Emerging Technologies in Emerging Technologies in Electronics” from 08-08-2022-14-08-2022 .
2	A Value Added Course was organized on “Industry 4.0” on 15-11-2022.
3	A Value Added Course was organized on “Internship IoT using Arduino” from 11/10/2022 to 30/12/2022.
4	A Value Added Course was organized on “Microsoft Azure Cloud Computing Technology” on 25-1-2022.
5	A Value Added Course was organized on “Intel India STEM Program VLSI Workshop” on 26/11/2022.
6	A Value Added Course was organized on “Applications of Real Time Systems” on 02-12-2022.
7	A Value Added Course was organized on “Semiconductor Ecosystems and opportunities for Engineers” on 09-12-22
8	A Value Added Course was organized on “IoT and its Applications” from 19-12-2022 to 23-12-2022
9	A Seminar is organized on “LabView” on 04-01-2023.
10	A workshop is organized on “Robotics” on 01-02-2023.
11	A Value Added Course was organized on “Embedded System Development uses Arduino” from 06-03-2023 to 11-03-2023.
12	A Value Added Course was organized on “Sensors to Cloud” from 09-03-2023 to 14-03-2023.
13	A Value Added Course was organized on “Introduction to cloud Computing and Microsoft Azure” on 20-03-2023.
<b>Placements Activities Organised</b>	
1	A Guest Lecture on “Study Abroad and Career Pathway Planning” on 11-10-2022.
2	A training program on “Placement” was organized on 03-11-2022.
3	A training program on “Aptitude” was conducted from 09-01-2023 to 14-01-2023.
4	A training program on “Placement and carrier assist” was organized on 28-02-2023.
5	A Training program on “Aptitude” from 26-04-23 to 6-5-23.
6	A talk on “Placement” on 16-05-23.
<b>Seminars Organised</b>	
1	An Quiz & Essay Competition on NEP was organized on 16-12-2022.
2	A Seminar on E-waste Collection Centre at HKBK was organized on 27-01-2023.
<b>Webinars Organised</b>	
1	A webinar on “Creating awareness on IPR” was organized on 2-1-2023
2	A Webinar on “Research Insights, Publication Strategies & Ethics” was conducted on 06-06-2023

**II FDP/SDP/Workshop/Guest Lectures Attended****AY 2022-23****Webinars/Workshops/FDPs Attended**

1. Dr. Zahira Tabassum has attended an FDP on “Recent Advancements in Science and Technology” organized by Alliance University from 06-03-2023- to 10-03-2023.
2. Dr. Zahira Tabassum has attended an FDP on “Innovation, Research and IPR- Journey towards Excellence” organized by BVB Sardar Patel College of Engineering from 01-03-23 to 05-03-23.
3. Dr. Zahira Tabassum has attended an FDP on “Python for Data Science” organized by NPTEL from January to February 2023.
4. Dr. Zahira Tabassum has attended an FDP on “Image Processing using openCV” organized by Pantech E-learning from 12-10-2023 to 11-11-23 .
5. Dr. Zahira Tabassum has attended an FDP on “Machine Learning Master class” organized by Pantech E-learning from 11-01-2023 to 10-02-2023 .
6. Dr. Zahira Tabassum has attended a webinar on “EV- Design ” organized by Pantech E-learning on 23-02-23.
7. Dr. Zahira Tabassum has attended a webinar on “Industry 4.0” organized by Pantech E-learning on 15-11-22.
8. Dr. Zahira Tabassum has attended a webinar on “PCB Design” organized by Pantech E-learning on 21-02-23.
9. Dr. Zahira Tabassum has attended a webinar on “course outcomes and outcome focused questions” organized by Inpods on 04-11-22.
10. Dr. Sanjana Prasad has attended a workshop on “Writing R&D Grant Proposal for women engineers” organized by IIT, Tirupati from 10-11-22 to 11-11-2022.
11. Dr. Maaz Ahmed has attended a FDP on “Electric Vehicle Design master class” organized by Pantech E Learning from 07-02-23 to 07-03-2023.
12. Prof. Surendra K.V has attended a workshop on “Antenna Design, Fabrication and Testing-ADFT 2023” organized by BMS College of Engineering on 16-06-23.
13. Prof. Surendra K.V has attended a FDP on “ATAL Idea Lab Basic Faculty Development Program” organized by VTU, Center for PG studies, Muddenahalli, from 07-08-2023 to 11-08-2023.
14. Prof. Syeda Husna Mohammadi has attended a FDP on “Machine Learning based Embedded System” organized by KNSIT from 16-03-2023 to 17-03-2023.
15. Prof. Syeda Husna Mohammadi has attended a FDP on “Python for Data Science” organized by NPTEL from January to February.
16. Prof. Syeda Husna Mohammadi has attended a FDP on “Recent Advancements in Science and Technology” organized by Alliance University from 06-03-2023 to 10-03-2023.
17. Prof. Syeda Husna Mohammadi has attended a FDP on “Image Processing using OpenCV ” organized by Pantech E-learning from 12-10-2022 to 11-11-2022..
18. Prof. Abdul Saleem has attended a FDP on “Master Class on Python Programming” organized by pantech E-learning from 10-05-2023 to 10-06-2023.
19. Prof. Abdul Saleem has attended a FDP on “Patentability criteria and filing process in National and International applications” organized by HKBKCE from 29-08-2023 to 30-08-2023.
20. Dr. Abdul Azeez has attended an FDP on “Introduction to Python Programming and its Applications” organized by AICTE-VTU from 13-03-23 to 17-03-23.
21. Dr. Abdul Azeez has attended an FDP on “Introduction to IoT” organized by AICTE-VTU from 17-04-2023 to 21-04-2023.
22. Dr. Abdul Azeez has attended an FDP on “Application of Data Science and Machine learning in Research Process” organized by Nagarjuna Degree College from 13-02-23 to 17-02-23.
23. Dr. Abdul Azeez has attended a workshop on “ wireless collaborative intelligent goal oriented communication” organized by IEEE ITS Society Bangalore section on 11-02-23.
24. Dr. Abdul Azeez has attended a workshop on “Economic Order Quantity for inventory control” organized by IEEE ITS Society Bangalore section on 17-02-23.
25. Dr. Abdul Azeez has attended an FDP on “Data Science and Python” organized by IBM Skillbuild , BMSCE from 17-10-22 to 01-11-22.
26. Dr. Abdul Azeez has attended a workshop on “Gender Sensitizationn ” organized by HKBKCE on 25-

11-22

27. Dr. Abdul Azeez has attended a workshop on “National Intellectual Property Awareness Mission” organized by from
28. Dr. Sufia Banu has attended an FDP on “Application of Data Science and Machine Learning in Research Process” organized by Nararjuna Degree College from 13-02-23 to 17-02-23.
29. Dr.Sufia Banu has attended a workshop on “Gender Sensitizationn ” organized by HKBKCE on 25-11-22
30. Dr. Sufia Banu has attended an FDP on “Python for Data Science” organized by NPTEL from January to February 2023.
31. Dr. Sufia Banu has attended a workshop on “INDUSTRY 4.0” organized by HKBKCE on 15-11-22
32. Prof. Anees Fathima has attended an FDP on “Python for Data Science” organized by NPTEL from January to February 2023.
33. Prof. Anees Fathima has attended an FDP on “Inculcating UHV in Education-An Aspiration of NEP 2020” organized by HKBKCE from 09-05-23 to 13-05-23.
34. Prof. Anees Fathima has attended an FDP on “Introduction to Python Programming and its Applications” organized by AICTE-VTU from 13-03-23 to 17-03-23.
35. Prof. Anees Fathima has attended an FDP on “Image Processing using openCV” organized by Pantech E-learning from 12-10-2023 to 11-11-23 .
36. Prof. Anees Fathima has attended a FDP on “Patentability criteria and filing process in National and International applications” organized by HKBKCE from 29-08-2023 to 30-08-2023.
37. Prof. Anees Fathima has attended a workshop on “wireless collaborative intelligent goal oriented communication” organized by IEEE ITS Society Bangalore section on 11-02-23.
38. Prof. Rashmi Rani S has attended a workshop on “Economic Order Quantity for inventory control” organized by IEEE ITS Society Bangalore section on 17-02-23.
39. Prof. Rashmi Rani S has attended an FDP on “Introduction to Python Programming and its Applications” organized by AICTE-VTU from 13-03-23 to 17-03-23.
40. Prof. Rashmi Rani S has attended a FDP on “Recent Advancements in Science and Technology” organized by Alliance University from 06-03-2023 to 10-03-2023.
41. Prof. Rashmi Rani S has attended an FDP on “Analog VLSI Design using EDA Tools” organized by AICTE-VTU from 20-03-23 to 25-03-23.
42. Prof. Rashmi Rani S has attended an FDP on “Application of Data Science and Machine Learning in Research Process” organized by Nararjuna Degree College from 13-02-23 to 17-02-23.
43. Prof. Rashmi Rani S has attended an FDP on “Python for Data Science” organized by NPTEL from January to February 2023.
44. Prof. Rashmi Rani S has attended an FDP on “Research Opportunities in semiconductor materials and devices” organized by NPTEL from 19-10-22 to 24-10-22.
45. Prof. Rashmi Rani S has attended an FDP on “Data Science and Python” organized by IBM Skillbuild , BMSCE from 17-10-22 to 01-11-22.
46. Prof. Rashmi Rani S has attended an FDP on “Python for Data Science” organized by IBM Certification, BMSCE03-11-2022.
47. Prof. yogananda Raj URS KH has attended an FDP on “Introduction to Python Programming and its Applications” organized by AICTE-VTU from 13-03-23 to 17-03-23.
48. Prof.Vijaylakshmi has attended an FDP on “ ARM Processor and Embedded Controllers” organized by BMSCE bangalore from 20-05-23 to 25-05-23.
49. Prof. Vijaylakshmi has attended an FDP on Recent Trends in Power Electronics Applications to Renewable Energy ,Smart Grids and Electric Vechicles” organized by BMSCE bangalore from 27-03-21 to 31-03-21.
50. Prof. Noor Ayesha has attended an FDP on “National Intellectual Property Awareness Mission” organized by NIPAM from 22-02-21 to 31-03-21.
51. Prof. Noor Ayesha has attended an FDP on “Inculcating Universal Human Values in Technical Education” organized by NIPAM from 22-02-21 to 31-03-21.
52. Prof. Noor Ayesha has attended an FDP on “Recent Trends in Power Electronics Applications to Renewable Energy ,Smart Grids and Electric Vechicles” organized by BMSCE from 27-03-21 to 31-03-21.

53. Prof. Noor Ayesha has attended a FDP on “Patentability criteria and filing process in National and International applications” organized by HKBKCE from 29-08-2023 to 30-08-2023.
54. Prof. Asha P.V has attended a FDP on “Taking Research to the Next Level” organized by SVCE from 20-02-2023 to 24-02-2023
55. Prof. Asha P.V has attended a FDP on “VLSI to System Design :Silicon to End Application Approach” organized by AICTE, Arm Education and STM Microelectronics from 31-07-2023 to 04-08-2023
56. Prof. Shilpa M.N has attended a workshop on “Economic Order Quantity for inventory control” organized by IEEE ITS Society Bangalore section on 17-02-23.

#### **Publications: Journals**

1. M. N., Harshavardhana and **Tarannum, Suraiya**. "Performance analysis of optical spectral amplitude CDMA system unipolar codes with double weight construction design" *Journal of Optical Communications*, 2022. <https://doi.org/10.1515/joc-2022-0110>
2. M. N., Harshavardhana and **Tarannum, Suraiya**. "Improve cardinality with two-dimensional unipolar (optical) orthogonal codes for multiple access interference" *Journal of Optical Communications*, 2022. <https://doi.org/10.1515/joc-2022-0108>
3. R. Nagaraju , **Venkatesan C** *et al.*, “Secure Routing-Based Energy Optimization for IoT Application with Heterogeneous Wireless Sensor Networks,” *Energies*, vol. 15, no. 13, p. 4777, Jun. 2022, doi: 10.3390/en15134777.
4. **Venkatesan C** T. Thangarajan, S. S. Meenakshi Sundaram, F. Hajjej, A. K. Munusamy, and R. Shanmugam, “Energy-Efficient Clustering and Routing Using ASFO and a Cross-Layer-Based Expedient Routing Protocol for Wireless Sensor Networks,” *Sensors*, vol. 23, no. 5, p. 2788, Mar. 2023, doi: 10.3390/s23052788.
5. S. Al-Otaibi, **Venkatesan C**, T. Thangarajan, R. Shanmugam, P. Ananth, and S. Arulswamy, “Hybrid K-Medoids with Energy-Efficient Sunflower Optimization Algorithm for Wireless Sensor Networks,” *Sustainability*, vol. 15, no. 7, p. 5759, Mar. 2023, doi: 10.3390/su15075759.
6. **Zahira Tabassum** and B.S. Chandrasekar Shastry (2022), Short Term Load Forecasting of Residential and Commercial Consumers of Karnataka Electricity Board using CFNN. *IJEER* 10(2), 347-352. DOI: 10.37391/IJEER.100247.
7. **Tabassum, Zahira** , & Shastry, B. S. C. (2022). Peak power management of residential building using demand side management strategies. *International Journal of Health Sciences*, 6(S2), 8978–8997. <https://doi.org/10.53730/ijhs.v6nS2.7333>
8. **Azeez, Abdul**, and Suraiya Tarannum. "Prime Learning Ant Lion Optimization with Precoding and Companding for PAPR Reduction in MIMO-OFDM." *International Journal of Intelligent Engineering & Systems* 15, no. 5 (2022).
9. **Azeez, A.**, & Tarannum, S. (2023). Multi-Objective Mayfly Optimization in Phase Optimization of OFDM. *IJUM Engineering Journal*, 24(1), 106–121. <https://doi.org/10.31436/ijumej.v24i1.2625>
10. **Sufia Banu** and Shweta Gupta (2022), Design and Leakage Power Optimization of 6T Static Random Access Memory Cell Using Cadence Virtuoso. *IJEER* 10(2), 341-346. DOI: 10.37391/IJEER.100246.
11. **Banu, Sufia.**, & Gupta, S. (2022). Power optimization of Low Noise Amplifier (LNA) and DAC used in Closed Loop Deep Brain Neuro-Stimulator (CDBS) at 45nm using Cadence Virtuoso. *International Journal of Health Sciences*, 6(S3), 5491–5502. <https://doi.org/10.53730/ijhs.v6nS3.7153>
12. **Syeda Husna mohammadi** , “ Email Access and Voice Command for Impaired Patients Using Accelerometer Patients Using Accelerometer”, *International Research Journal of Modernization in Engineering Technology and Science*, July 2022, Vol 4, Issue 7.

#### **Publications: Conferences**

1. **R. Latha, C. Venkatesan, A. R. Suhas** and T. Thamaraimanalan, "FPGA Implementation of Polyphase CIC Based Multistage Filter for Digital Receivers," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2022, pp. 1987-1991, doi: 10.1109/ICACCS54159.2022.9785005.
2. **Latha, R., Suhas, A. R., Kumar, B. P.**, Ibrahim, M. M., & Sathiyapriya, V. (2023, April). Hybrid Threshold Speech Enhancement Scheme Using TEO And Wavelet Coefficients. In *2023 Second International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT)* (pp. 01-05). IEEE.
3. **C. Venkatesan**, D. Balamurugan, T. Thamaraimanalan and M. Ramkumar, "Efficient Machine



- Learning Technique for Tumor Classification Based on Gene Expression Data," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2022, pp. 1982-1986, doi: 10.1109/ICACCS54159.2022.9785294.
4. S. S. S. S., **J. Surendiran**, N. Yuvaraj, M. Ramkumar, C. N. Ravi and **R. G. Vidhya**, "Classification of Diabetes using Multilayer Perceptron," 2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), Ballari, India, 2022, pp. 1-5, doi: 10.1109/ICDCECE53908.2022.9793085.
  5. **J. Surendiran** and M. Meena, "Analysis and Detection of Glaucoma from Fundus Eye Image by Cup to Disc Ratio by Unsupervised Machine Learning," 2022 IEEE International Conference on Data Science and Information System (ICDSIS), Hassan, India, 2022, pp. 1-6, doi: 10.1109/ICDSIS55133.2022.9915887.
  6. R. Praveena, T. R. G. Babu, K. Sakthimurugan, G. Sudha, M. Birunda and **J. Surendiran**, "Analysis of Neural Networks for Object Detection using Image Processing Techniques," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICT), Kannur, India, 2022, pp. 1698-1702, doi: 10.1109/ICICT54557.2022.9917833.
  7. N. Meenakshi, I. Juvanna and **J. Surendiran**, "Diagnosis of Diabetes using Reverting Algorithm," 2022 1st International Conference on Computational Science and Technology (ICCST), CHENNAI, India, 2022, pp. 1-6, doi: 10.1109/ICCST55948.2022.10040290.
  8. M. Sharon, D. Sharmila, R. E. Christian, K. K. Shree and **J. Surendiran**, "A Format Based Smart Object Tracking Model for Enhance the Quality of Digital Images," 2022 International Conference on Computer, Power and Communications (ICCPC), Chennai, India, 2022, pp. 29-34, doi: 10.1109/ICCPC55978.2022.10072053.
  9. **J. Surendiran**, B. M. Nathisiya, A. RadhaKrishnan, J. M. Stella, M. Marimuthu and N. Balaji, "Elimination of Data Modification in Sensor Nodes of WSN Using Deep Learning Model," 2022 International Conference on Computer, Power and Communications (ICCPC), Chennai, India, 2022, pp. 35-38, doi: 10.1109/ICCPC55978.2022.10072261.
  10. K. Sivanagireddy, S. Yerram, S. S. N. Kowsalya, S. S. Sivasankari, **J. Surendiran** and R. G. Vidhya, "Early Lung Cancer Prediction using Correlation and Regression," 2022 International Conference on Computer, Power and Communications (ICCPC), Chennai, India, 2022, pp. 24-28, doi: 10.1109/ICCPC55978.2022.10072059.
  11. S. Obuli, T. P. Udhayashankar, R. U. Mageswari, G. Saritha, **J. Surendiran** and R. G. Vidhya, "An Analysis of Smart Clinical Trial Investigation Methods in Research Medicine Industries," 2022 International Conference on Computer, Power and Communications (ICCPC), Chennai, India, 2022, pp. 39-44, doi: 10.1109/ICCPC55978.2022.10072260.
  12. D. S. Goud, V. Varghese, K. B. Umare, **J. Surendiran**, **R. G. Vidhya** and **K. Sathish**, "Internet of Things-based infrastructure for the accelerated charging of electric vehicles," 2022 International Conference on Computer, Power and Communications (ICCPC), Chennai, India, 2022, pp. 1-6, doi: 10.1109/ICCPC55978.2022.10072086.
  13. G. Maheswari, K. Remya, R. Reenadevi, **J. Surendiran**, **S. Prasad** and **K. Sathish**, "Image Quality Enhancement by format-specific Digital Object Tracking," 2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP), Bengaluru, India, 2022, pp. 1-6, doi: 10.1109/CCIP57447.2022.10058691.
  14. **J. Surendiran**, R. Reenadevi, **R. G. Vidhya**, S. S. Sivasankari, **B. P. Pradeep kumar** and N. Balaji, "IoT-Based Advanced Electric Vehicle Charging Infrastructure," 2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP), Bengaluru, India, 2022, pp. 1-6, doi: 10.1109/CCIP57447.2022.10058649.
  15. **J. Surendiran**, K. D. Kumar, T. Sathiya, S. S. Sivasankari, **R. G. Vidhya** and N. Balaji, "Prediction of Lung Cancer at Early Stage Using Correlation Analysis and Regression Modelling," 2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP), Bengaluru, India, 2022, pp. 1-6, doi: 10.1109/CCIP57447.2022.10058630.
  16. **J. Surendiran** and M. Meena, "Classification of Glaucoma Using K-Mean Clustering with Optic Disk

- and Cup Segmentation," 2022 International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems (ICMACC), Hyderabad, India, 2022, pp. 97-102, doi: 10.1109/ICMACC54824.2022.10093284.
17. N. K. Anushkannan, V. R. Kumbhar, S. K. Maddila, C. S. Kolli, B. Vidhya and **R. G. Vidhya**, "YOLO Algorithm for Helmet Detection in Industries for Safety Purpose," 2022 3rd International Conference on Smart Electronics and Communication (ICOSEC), Trichy, India, 2022, pp. 225-230, doi: 10.1109/ICOSEC54921.2022.9952154.
  18. D. Sengen, M. A. N. Vurukonda, G. Priyanka, P. Suram and **R. G. Vidhya**, "A Switching Event-Triggered Approach to Proportional Integral Synchronization Control for Complex Dynamical Networks," 2022 International Conference on Edge Computing and Applications (ICECAA), Tamilnadu, India, 2022, pp. 891-894, doi: 10.1109/ICECAA55415.2022.9936124.
  19. **R. G. Vidhya**, T. S. Sasikala, A. M. U. Ahamed, S. A. L. A. Khan, K. Singh and M. Saratha, "Classification and Segmentation of Mitotic Cells using Ant Colony Algorithm and TNM Classifier," 2022 International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India, 2022, pp. 782-786, doi: 10.1109/ICAISS55157.2022.10010914.
  20. **R. G. Vidhya**, V. Bhoopathy, M. S. Kamal, A. Kumar Shukla, G. T and T. T, "Smart Design and Implementation of home Automation System using WIFI," 2022 International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India, 2022, pp. 1203-1208, doi: 10.1109/ICAISS55157.2022.10010792.
  21. **R. G. Vidhya**, K. Singh, P. J. Paul, T. A. Sai Srinivas, J. Prasad Patra and K. V. D. Sagar, "Smart Design and Implementation of Self Adjusting Robot using Arduino," 2022 International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), Trichy, India, 2022, pp. 01-06, doi: 10.1109/ICAISS55157.2022.10011083.
  22. **R. G. Vidhya**, B. K. Rani, K. Singh, D. Kalpanadevi, J. P. Patra and T. A. S. Srinivas, "An Effective Evaluation of SONARS using Arduino and Display on Processing IDE," 2022 International Conference on Computer, Power and Communications (ICCP), Chennai, India, 2022, pp. 500-505, doi: 10.1109/ICCP55978.2022.10072229.
  23. **R. G. Vidhya**, B. K. Rani, K. Singh, D. Kalpanadevi, J. P. Patra and T. A. S. Srinivas, "An Effective Evaluation of SONARS using Arduino and Display on Processing IDE," 2022 International Conference on Computer, Power and Communications (ICCP), Chennai, India, 2022, pp. 500-505, doi: 10.1109/ICCP55978.2022.10072229.
  24. **R. G. Vidhya**, J. Surendiran and G. Saritha, "Machine Learning Based Approach to Predict the Position of Robot and its Application," 2022 International Conference on Computer, Power and Communications (ICCP), Chennai, India, 2022, pp. 506-511, doi: 10.1109/ICCP55978.2022.10072031.
  25. **R. G. Vidhya**, J. Seetha, S. Ramadass, S. Dilipkumar, A. Sundaram and G. Saritha, "An Efficient Algorithm to Classify the Mitotic Cell using Ant Colony Algorithm," 2022 International Conference on Computer, Power and Communications (ICCP), Chennai, India, 2022, pp. 512-517, doi: 10.1109/ICCP55978.2022.10072277.
  26. **B. P. Pradeep Kumar** et al., "Advanced Electric Vehicle Charging Infrastructure Using Internet of Things," 2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4), Bangalore, India, 2022, pp. 1-6, doi: 10.1109/C2I456876.2022.10051342.
  27. **B. P. Pradeep Kumar**, V. C, S. A. R, B. D and S. V, "Speech-to-text Transfiguration in Language Numerals for Perpetual Deaf Patients," 2023 Second International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT), Trichirappalli, India, 2023, pp. 1-5, doi: 10.1109/ICEEICT56924.2023.10157113.
  28. Arun. S, **Sanjana Prasad** and G. Uma maheswari, "Clustering with Cross Layer Design against Spectrum Access Attack in Cognitive Radio Networks," 2022 2nd Asian Conference on Innovation in Technology (ASIANCON), Ravet, India, 2022, pp. 1-4, doi: 0.1109/ASIANCON55314.2022.9908619.
  29. **Prasad, S.**, Arun, S. (2023). Performance Analysis of Different Matrices-Based SLM Techniques for Reducing PAPR in OFDM Systems. In: Asari, V.K., Singh, V., Rajasekaran, R., Patel, R.B. (eds)

Computational Methods and Data Engineering. Lecture Notes on Data Engineering and Communications Technologies, vol 139. Springer, Singapore. [https://doi.org/10.1007/978-981-19-3015-7\\_26](https://doi.org/10.1007/978-981-19-3015-7_26)

30. **Prasad, S.**, Samimalai, A., **Rani, S.R.**, **Kumar, B.P.P.**, Hegde, N., **Banu, S.** (2023). Information Security and Privacy in Smart Cities, Smart Agriculture, Industry 4.0, Smart Medicine, and Smart Healthcare. In: Joby, P.P., Balas, V.E., Palanisamy, R. (eds) IoT Based Control Networks and Intelligent Systems. Lecture Notes in Networks and Systems, vol 528. Springer, Singapore. [https://doi.org/10.1007/978-981-19-5845-8\\_44](https://doi.org/10.1007/978-981-19-5845-8_44)
31. **Sanjana Prasad**, S. Alamuru, A. S and S. Alamuru, "Intrusion Detection and Prevention Systems in Smart Environments – A Survey," 2022 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON), Bangalore, India, 2022, pp. 1-5, doi: 10.1109/SMARTGENCON56628.2022.10084309.
32. **Sanjana Prasad** and S. Arun, "Hanowa Matrix based SLM Technique for PAPR Reduction in OFDM Systems," 2023 International Conference for Advancement in Technology (ICONAT), Goa, India, 2023, pp. 1-5, doi: 10.1109/ICONAT57137.2023.10080797.
33. **Sufia Banu**, "Geospatial Remote Sensing", Jnana Chilume, 2022.
34. **Banu, S.**, & Gupta, S. (2022, August). Low Power Analog to Digital Converter for Neuro Stimulator using Cadence Tool. In *Journal of Physics: Conference Series* (Vol. 2325, No. 1, p. 012005). IOP Publishing.
35. **S. Banu**, S. A. Mohmudiya, N. Rahiba and S. Anmol, "IoT Enabled Patient Medicine Intake Tracking System-MEDIKIT," 2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), Dharan, Nepal, 2022, pp. 67-71, doi: 10.1109/I-SMAC55078.2022.9987284.
36. N. Hegde, **R. S. Rashmi**, **A. Azeez**, J. P. Mohamed and **J. Surendiran**, "IoT Based Biometric Supported Vehicle User Identification System," 2022 IEEE International Conference on Data Science and Information System (ICDSIS), Hassan, India, 2022, pp. 1-6, doi: 10.1109/ICDSIS55133.2022.9915850.
37. **R. R. Samantaray**, N. Hegde, **A. Azeez**, **A. Fathima**, **S. Prasad** and **J. Surendiran**, "Smart Cart Powered by Artificial Intelligence," 2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4), Bangalore, India, 2022, pp. 1-6, doi: 10.1109/C2I456876.2022.10051614.
38. **R. R. Samantaray**, **A. Azeez**, N. Hegde, **J. Surendiran**, **S. H. Mohammadi** and **Z. Tabassum**, "Teleconsultation and Human Parameter Monitoring system using Arduino UNO and NODE MCU," 2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4), Bangalore, India, 2022, pp. 1-6, doi: 10.1109/C2I456876.2022.10051382.
39. P. P. Sri, V. N. P. Prasuna, R. Murugesan and **S. Nilugal**, "Leveraging Affordable Business Innovations to Tackle House Price Rising: Applications of Machine Learning Algorithms," 2023 Eighth International Conference on Science Technology Engineering and Mathematics (ICONSTEM), Chennai, India, 2023, pp. 1-10, doi: 10.1109/ICONSTEM56934.2023.10142407.

#### Book Chapters Published

1. **Prasad, S.**, Arun, S. (2023). Performance Analysis of Different Matrices-Based SLM Techniques for Reducing PAPR in OFDM Systems. In: Asari, V.K., Singh, V., Rajasekaran, R., Patel, R.B. (eds) Computational Methods and Data Engineering. Lecture Notes on Data Engineering and Communications Technologies, vol 139. Springer, Singapore. [https://doi.org/10.1007/978-981-19-3015-7\\_26](https://doi.org/10.1007/978-981-19-3015-7_26)
2. **Prasad, S.**, Samimalai, A., **Rani, S.R.**, **Kumar, B.P.P.**, Hegde, N., **Banu, S.** (2023). Information Security and Privacy in Smart Cities, Smart Agriculture, Industry 4.0, Smart Medicine, and Smart Healthcare. In: Joby, P.P., Balas, V.E., Palanisamy, R. (eds) IoT Based Control Networks and Intelligent Systems. Lecture Notes in Networks and Systems, vol 528. Springer, Singapore. [https://doi.org/10.1007/978-981-19-5845-8\\_44](https://doi.org/10.1007/978-981-19-5845-8_44)

#### Patents Granted/Filled

1. **Dr. Zahira Tabassum**, "Design and Analysis of Demand Side management Model in Smart Grids", Published, Patent No:202241051867 A

2. **Dr. Sanjana Prasad**, “Artificial Intelligence based Fraud Detection System for Financial Transactions”, Published, Patent No:202311045225
3. **Dr. Suhas A.R** “An Improved Hierarchical Routing approach with the enhanced clusters head selection criteria and recovery of dead nodes with the application of Genetics”, Patent No: 202341018078
4. **Dr. Suhas A.R**, “A Modified Routing approach for extending wireless sensor networks lifetime with global energy balance”, published, Patent No: 202341018072
5. **Dr. Sufia Banu** “A system for leakage minimization and power optimization of Low Noise Amplifier and DAC in semiconductor circuits for VLSI application”, Patent No: 202241034678 A, published.



# **HKBK COLLEGE OF ENGINEERING**

**Department of Mechanical Engineering**

**Mandatory Disclosure**



## Mandatory Disclosure

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

<b>Academic Year</b>	<b>2017-18</b>	<b>2018-19</b>	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Year wise sanctioned intake	<b>180</b>	<b>180</b>	<b>180</b>	<b>60</b>	<b>60</b>	<b>60</b>
Year wise actual admission	<b>104</b>	<b>73</b>	<b>30</b>	<b>32</b>	<b>14</b>	<b>17</b>
Cut off marks – General Quota						
Students passed with distinction	<b>16</b>	<b>16</b>	<b>20</b>	<b>61</b>	<b>53</b>	<b>15</b>
Students passed with first class	<b>36</b>	<b>30</b>	<b>29</b>	<b>74</b>	<b>16</b>	<b>07</b>
Students Placed	<b>13</b>	<b>18</b>	<b>11</b>	<b>02</b>	<b>19</b>	<b>03</b>
Average Pay package					<b>4.8L</b>	<b>4.5L</b>
Students opted for higher studies	<b>4</b>				<b>3</b>	
Accreditation Status of the Course	<b>Accredited</b>	<b>Applied</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
Doctoral Courses	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Foreign Collaboration	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
Professional Society Membership	<b>Institute of Engineer</b>	<b>Institute of Engineer</b>	<b>Institute of Engineer</b>	<b>Institute of Engineer</b>	<b>Institute of Engineer</b>	<b>Institute of Engineer</b>

<b>Funds received</b>	<p><b>2022-23</b></p> <ul style="list-style-type: none"> <li>Synthesis Of Bioethanol from Fruits and Vegetable Residue. KSCST-6,000 INR</li> </ul> <p><b>2021-22</b></p> <ul style="list-style-type: none"> <li>Modeling and Experimental Investigation of Tensile and Fatigue Strength of Heat Treated Al 8090 composites reinforced with titanium diboride and graphene. AICTE-</li> </ul>
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	<p><b>11,75,000 INR</b></p> <p><b>2020-21</b></p> <ul style="list-style-type: none"> <li>• Study of Dry sliding wear behaviour of pongamia pinnata seed shell polymer matrix composite using Taguchi technique and water absorption test - KSCST-<b>6,000 INR.</b></li> </ul> <p><b>2019-20</b></p> <ul style="list-style-type: none"> <li>• Design, Analysis and fabrication of contaminated water filtration system- KSCST-<b>5,000 INR.</b></li> </ul> <p><b>2018-19</b></p> <ul style="list-style-type: none"> <li>• Grant for Organizing Conference-AICTE-<b>5, 00,000 INR.</b></li> <li>• Mechanical Exoskeleton for the Disabled (Lower Limb) - KSCST-<b>9,000 INR.</b></li> <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>Technical Talks:</b></p> <ul style="list-style-type: none"> <li> <b>Expert Talk/Guest Lecture on "Career Guidance for Pre-Final year Students"</b>  5th Semester DATE: 16-12-2022, TIME:10.30AM to 12.30PM  Coordinators: Dr. Salim Sharieff [Head of Mechanical Department]  Dr. Nadeem Pasha K [Associate Professor]  Prof. Farooq [Assistant Professor]  Organized by: Mechanical Engineering Department  Total Participants attended: 27  Details of Participants: Students of 5th semester </li> <li> <b>Expert Talk/Guest Lecture on Title: "HVAC systems, Software used for HVAC Design, Calculations and its scope in industry"</b>  Expert: Mr. Abdul Majeed,  Lead Engineer  deltaT MEP Technical Academy,  30th Cross, K.V.Layout,  Jayanagar-4th Block, East.  Bengaluru-560011, INDIA  Date: 08/11/2022  Venue: HKBK D-Block Room No.- 12.  Coordinators: Dr. Salim Sharieff [Head of Mechanical Department]  Dr. Nadeem Pasha K [Associate Professor]  Organized by: Mechanical Engineering Department  Total Participants attended: 32  Details of Participants: Students of 7th semester </li> <li> <b>Expert Talk/Guest Lecture on Title: “Overseas Education Opportunities Seminar Report”.</b> Expert: <ol style="list-style-type: none"> <li> AFREEN AHMED  Team Leader USA/CANADA  Mobile No: 9986445700  Email: afreen@edwiseinternational.com </li> <li> TULIKA GANGULY  UK COUNCELOR UK  Mobile No: 0804503346  Email: tulika@edwiseinternational.com </li> <li> NANJAPPA  MARKETING Department.  Mobile No: 944785452  Email: nanjappa@edwiseinternational.com  Date: 2nd June 2022  Venue: HKBK D-Block Seminar Hall.  Coordinators: Dr. Salim Sharieff [Head of Mechanical Department]  Dr. Nadeem Pasha K [Assistant Professor]  Prof. Mohammed Yaseer Pasha [Assistant Professor]  Organized by: Mechanical Engineering Department  Total Participants attended: 90 </li> </ol> </li> <li> Webinar on “Management and Enterptreneurship” Date: 17th to 19th December 2020, Venue: Zoom App and Google meet, Resource person: Zeeshan Ahmed-Senior Product Design Engineer. Mercedes-Benz R &amp;D, Resource person: </li> </ul>
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Nagendra Kumble–Founder-Director of Radome Technologies and services pvt ltd.  
Resource person: M Manjunath– Trainer & Consultant. Coordinators: T M Tajuddin Yezdani, Organized by: Mechanical Engineering Department, Total Participants attended: 500+ students, Details of Participants: Students of all branches and semesters.

- Expert Talk on “Opportunities to Mechanical Engineers in Aerospace and Aeronautical Industries and other Industries. Date: 25th November 2020. Expert: Mr. Danish Abdul Khader, Techno-Commercialist, S.S Technologies, Near Yeshwanthpur Metro station, Bengaluru, Karnataka 560022, Ph: 08310639969, Coordinators: Prof. Raahil Azhar Ali, Organized by: Mechanical Engineering Department, Total Participants attended: 94 students, Details of Participants: Students of 5th and 3rd semester.
- Webinar on “Internship Opportunities in Mechanical/ HVAC Design” in association with Prinston Smart Engineers, Bangalore. Date: 6th October 2020 Venue: Zoom App, Expert: Mr. Asif Akhter, Founder, Prinston Smart Engineers, 10years of experience, United Group Limited, Doha, Qatar. Coordinators: Prof. Raahil Azhar Ali Organized by: Mechanical Engineering Department. Total Participants attended : 78 students, Details of Participants :Students of 7th semester.
- Expert Talk On “**Emerging Trends in Aeronautical and Aerospace Industries and Opportunity for Mechanical Engineers**” on 24th FEB 2020. Expert: DANISH ABDUL KHADER, TECHNO-COMMERCIALIST, S S TECHNOLOGIES, Near Yeshwanthpur Metro station, Bengaluru, Karnataka 560022. Ph: 08310639969.
- Expert Lecture on “**Product Development and Career Guidance**” on 11/09/2019, Expert: K. Kishore Babu, CEO, ProDes, Product design as professional design, Bengaluru.
- Expert talk on “**Drug Awareness and Prevention Programme**” on 18/09/2018. Speaker: Kala Krishnaswamy, IPS, DCP, North Bangalore

#### **Industrial Visits:**

- Industrial Trip to Central Institute of Petrochemical Engineering Karnataka on 9/11/22.  
Coordinators: Dr.Mohammed Zakaulla and Dr.Nadeem Pasha K  
Organized by: Mechanical Department  
Total Participants attended: 45
- Industrial Visit to Relic Industries, Bengaluru, Date: 04th November 2022,  
Coordinators: Prof. Mohammed Yaseer Pasha  
Prof. Nawaz Ahmed  
Organized by: Dr. Salim Sharieff[Head of Mechanical Department]  
Total Participants attended: 45  
Details of Participants: Students of 1st semester.
- Industrial Visit to Pavgada Solar Park Date: 14/06/2022. Coordinators: Dr.Salim Sharieff, Dr.Nadeem Pasha K, Dr.Mohammed Zakaulla, Prof.Younus Pasha  
Organized by: Department of ME, Total Participants attended: 90, Details of Participants: Students of 8<sup>th</sup> semester.
- Industrial trip to “Synergy Private limited” Peenya Industrial area, Unit-4, Bengaluru, On 09/03/2022. Participants attended: 25 students, Details of Participants :Students of 3rd semester.

- Industrial trip to “KADRA HYDEL POWER PLANT” On 27/09/2018.
- Industrial trip to “RAICHUR THERMAL POWER PLANT” On 26/09/2018.
- Industrial visit to “MOTHER DIARY” on 10/05/2018.
- Industrial visit to “TITAN INDUSTRY” on 21/04/2018.
- Industrial visit to “BANGALORE DIARY” on 18/04/2018.
- “Open Day Exhibition at IISc” on 10-03-2018.
- Industrial visit to “BIEC” on 24/02/2018.
- Industrial visit to “KGTIT” on 15/02/2018 to 16/02/2018.

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

- One Week Faculty Development Program on “Fatigue & Fracture Mechanics” 24th to 28th July 2023. Organized by Department of Mechanical Engineering.
- Five days value added course on “All about Automotives” 8th to 12th July 2023. Organized by Department of Mechanical Engineering.
- One week Faculty Development Programme on “Train The Trainer” 2<sup>nd</sup> January to 6<sup>th</sup> January 2023, Organized by Department of Mechanical Engineering.

Resource Persons:

Dr. Tabassum Ara, Principal, HKBK College of Engineering.

- Three Days Student Development Program On “Operating System And Data Structures” 15th to 17th June-2022, Organized by Department of Mechanical Engineering.

Resource Persons:

Dr. Syed Mustafa, Head of Department, Department of Information Science & Engg.

Expert in Data Structure

Dr. Balaji, Department of Information Science & Engg. Expert in Data Structure

Prof. Sharavana, Department of Information Science & Engg. Expert in Operating System.

Prof. Asghar Pasha, Department of Information Science & Engg. Expert in Operating System.

Coordinators

Dr. Nadeem Pasha, Associate. Prof. Dept. of Mechanical Engineering.

Prof. Dinesh H.A, Assistant. Prof. Dept. of Mechanical Engineering. Total Participants attended: 20, Details of Participants: Students of 6th semester.

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



- 5 days FDP on Mechanical Properties of Engineering materials and their interpretation, HKBKCE, Bangalore-25<sup>th</sup> to 29<sup>th</sup> Aug 2015.

#### **Social Awareness Program:**

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

#### **Technical and Cultural Events:**

- “**Junk Yard**”  
Date:02/11/2022  
Venue: Machine Shop, Dept of Mechanical Engineering HKBKCE  
Coordinators: Prof. Tansif Khan, Prof. Younus Pasha, Prof. Mohammed Yaseer Pasha, Prof. Nawaz Ahmed.  
Evaluators: Prof. Farooq, Prof. Pavan Kumar D, Prof. Dinesh H A  
Organized by: Dr. Salim Sharieff [Head of Mechanical Department]  
Total Participants Attended: 140  
Details of Participants: Students of 1<sup>st</sup> sem.
- “**ACTIVITY BASED LEARNING ON KINEMATICS OF MACHINES [MECHANISM MODELS]”**  
Subject Name: Heat Transfer  
Date: 23rd April 2022  
Venue: D Block L19  
Coordinators: Prof.R kulkarni  
Organized by: 6th sem Mechanical Engineering Department  
Total Participants attended: 43  
Details of Participants: Students of 6th semester.
- **Model Presentation on Elements of Mechanical Engineering by 1st Sem Students.** Subject Name: Elements of Mechanical Engineering  
Date: 9th April 2022  
Venue: Machine Shop, Dept of Mechanical Engineering HKBKCE  
Coordinators: Prof. Tansif Khan, Prof. Younus Pasha, Prof. Mohammed Yaseer Pasha, Prof. Nawaz Ahmed.  
Evaluators: Prof. Farooq, Prof. Pavan Kumar D, Prof. Dinesh H A  
Organized by: Department of Mechanical Engineering  
Total Participants Attended: 425  
Details of Participants: Students of 1st SEM A, B, C, D Sections.
- **POSTER PRESENTATION-MODEL PREPARATION.**  
Subject Name: Elements of Mechanical Engineering  
Date: 02/02/2022  
Venue: Dept of Mechanical Engineering HKBKCE  
Coordinators: Prof. Younus Pasha,  
Total Participants Attended: B-Section (72 Students) (ISE+ME).
- **Working Model Presentation-Electric Go-Kart** -It is a national Level competition which is conducted by TIT, Bhopal-February 2019. A group of 20 students of our department took part in this project and was awarded 9<sup>th</sup> place.
- Smart India Hackathon on 23-03-2018, it’s a national level project competition and

two of our department students took part in this competition.

- **“One Day Activity On Kinematics Of Machines Mechanism Models”** on 10/04/2018.

**Project Exhibition:**

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

**Conference / e- Conference:**

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

**Workshops Conducted:**

- **“WORKSHOP ON FATIGUE TESTING [HANDS ON EXPERIENCE]”** On 23rd February 2023 Expert: Dr. Anil Chandra, Professor, BMS college of Engineering, Bull Temple road, Bangalore
- **“TWO DAYS WORKSHOP ON I.C. ENGINES [HANDS ON EXPERIENCE]”** On 3rd & 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
- **“TWO DAYS WORKSHOP ON I.C. ENGINES [HANDS ON EXPERIENCE]”** 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.

<p><b>Events Attended</b></p>	<p><b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:</b></p> <ol style="list-style-type: none"> <li>1. One Week Faculty Development Program on “Fatigue &amp; Fracture Mechanics” 24th to 28th July 2023. Organized by Department of Mechanical Engineering.</li> <li>2. Five days value added course on “All about Automotives” 8th to 12th July 2023. Organized by Department of Mechanical Engineering.</li> <li>3. “WORKSHOP ON FATIGUE TESTING [HANDS ON EXPERIENCE]” On 23rd February 2023 Expert: Dr. Anil Chandra, Professor, BMS college of Engineering, Bull Temple Road, Bangalore</li> <li>4. One week Faculty Development Programme on “Train the Trainer” 2<sup>nd</sup> January to 6<sup>th</sup> January 2023, Organized by Department of Mechanical Engineering.</li> <li>5. Three Days Student Development Program On “Operating System And Data Structures” 15th to 17th June-2022, Organized by Department of Mechanical Engineering.</li> <li>6. KARNATAKA MANUFACTURING CONFERENCE-2022, [ 15TH EDITION 0900-1800 Hrs TAJ WEST END BENGALURU] [SUSTAINABLE MANUFACTURING &amp; INDUSTRIAL AUTOMATION “RESTART,REINVENT,RESKILL”] 12/15/2022</li> <li>7. Five days FDP on “Modern Trends in Engineering Technology” at HKBK COLLEGE OF ENGINEERING, Bangalore from 04-06-2021.</li> <li>8. One day workshops on “Anatomy of Electric Vehicle” at CADMAX on 04-05-2021.</li> <li>9. Four days workshops on “Enabling Students Towards Higher Order Thinking” at HKBK College Of Engineering from 18-03-2021.</li> <li>10. One week FDP on “Research Proposal Writing” at BIT COLLEGE OF ENGINEERING, Bengaluru from 6-7-2020 to 11-7-2020.</li> <li>11. One week FDP on “Recent advances in Renewable energy system” at HKBK COLLEGE OF ENGINEERING, Bangalore from 28/01/20 to 03/02/2020.</li> <li>12. One day FDP on “Refrigerants in Engineering Applications” at Vidhyavardhaka College of Engineering, Mysore on 22nd June 2020.</li> <li>13. One week FDP on “Research Opportunities and Challenges in Manufacturing Sectors” at SVERI College of Engineering, Pandharpur from 01-06-2020 to 06-06-2020.</li> <li>14. One week FDP on “Green Manufacturing” at Santhiram Engineering College, Nandyal from 15-05-2020 to 20-05-2020.</li> <li>15. Five days FDP on “Outcome Based Education and NBA Accreditation” at IILM College of Engineering and Technology from 25-05-2020 to 29-05-2020.</li> <li>16. Five days FDP on “Drone View of Hotspots in ME” organised by St. Peter's Institute of Higher education and research from 25-05-2020 to 29-05-2020.</li> <li>17. Seven days FDP on “NAAC Awareness Program for Faculties”, at MMIT, PUNE, 08-05-2020 TO 14-05-2020.</li> <li>18. 2 Weeks “FDP on LaTeX” at Gopalan College of Engineering and Management from 17-04-2020 to 30-04-2020.</li> <li>19. Five days FDP on “OUTCOME BASED EDUCATION AND NBA ACCREDITATION” at RMSIT-20 TO 24 January 2020.</li> <li>20. One week FDP on “Artificial Intelligence and its application towards Robotics” at NIE Mysore from 20-01-2020 to 26-01-2020.</li> <li>21. QIP short term course on "APPLIED AERODYNAMICS" at IISc Bangalore from 20-01-2020 to 24-01-2020.</li> <li>22. Five days FDP on “Develop the Next Generation of Engineering Educators” at Academia from 12-12-2019 to 16-12-2019.</li> <li>23. FDP on Advances in Mechatronics System, BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT-16-07-2019 to 20/07/2019.</li> <li>24. 42nd Series Seminar/ Exhibition on Student Project Programme held at Dr.</li> </ol>
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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.

25. FDP on methods of competition in fluid flow-An Industrial Approach, SJCIT, Chikkaballapur-28th Jan to 1st Feb 2019.
26. One day Workshop on E resources for Academic Excellence, GCE, Bangalore-9th Feb 2019.
27. 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.
28. "IEEE IPR Workshop 2018" VTU, Belgaum on 25/08/2018.
29. Structural Analysis and FEA validation of truss type fuselage of rear part of aircraft using CFRP, AIT College, and Bangalore on 18th to 19th SEP 2018.
30. Workshop on all India seminar on Engineering insight into design and Testing of Aircraft Engine Components, AIT, Bangalore-18th to 19th sep 2018.
31. Workshop on AICTE Model Curriculum, BMSCE, Bangalore- 12/3/2018.
32. FDP on Non, Conventional Energy Sources, MCE, Hassan-9th to 13th April 2018.
33. 5 days FDP on CBCS Based Curriculum development towards autonomy. HKBKCE, Bangalore-11th, 12th 2017 and Dec 23rd to 25th Jan 2018
34. Structural Analysis and FEA validation of truss type fuselage of rear part of aircraft using CFRP, M.S Engineering College, Bangalore-May 22nd 2018.
35. Industrial consultancy research and incubation in academic institution, SVCE Bangalore-11th and 12th Oct 2017.
36. One week FDP Programme on Processing of Materials, Material Characterization and Testing, MSRIT, Bangalore-16th to 21st Jan 2017.
37. Two Weeks FDP on FEM and Stress analysis, CIT, Bangalore - 22nd Jan to 3rd Feb 2018.
38. Simulation Modelling and analysis of Manufacturing System., JSSATE, Bangalore-08th to 12th January 2018.
39. Two days FDP on- Recent advances materials, Manufacturing and sustainability, DSCE, Bangalore-2nd to 3rd Feb 2018.
40. FDP on Modern Materials and their applications, BNMIT, Bengalure-16th to 20th Jan 2018.
41. One day Workshop on CIM, AIT, Bengaluru-23rd March 2018.
42. One Week FDP on Pedagogy Training on Technical Education, VTU-HRDC, Chikkaballapur-16th to 20th Jan 2018.
43. An Overview on Teaching Techniques in ATD, VTU CPGS Muddenhalli-22nd to 26th January 2018.
44. Cyber security and Forensics, HKBKCE, Bangalore-9th and 10th January 2018.
45. Two Days Workshop on MOODLE, VTU, Belahavi-24th to 25th April 2018
46. Pedagogy training in technical education, VTU CPGS Muddenhalli-16th to 20th January 2018
47. Workshop On Moodle, HKBKCE, Bangalore-24th to 25th April 2018.
48. Hands on Training on FEAST (Analysis Software), Analysing the Structure, Acharya Institute of Technology, Banglore-28th October 2017.
49. One Day Technical Workshop on FEAST from ISRO, AIT, Bangalore-28th OCT 2017.
50. FDP on "Quality Enhancement Initiatives for CBCS in Engineering and Educational Institution on 22/04/2017 at Khaja Banda Nawaz College of Engineering, Gulbarga.
51. Two Days workshop on Taxonomy and course outcomes, VTU Regional Office, Bangalore-23rd to 24th Jan-2017.
52. One week FDP on "Processing of Materials, Material Characterization and

	<p>Testing” from 16th to 22nd 21/01/2017 at MSRIT, Bangalore.</p> <p>53. National Workshop On Acceradation in Technical Education. JSSATE, Bangalore-24th to 26th August 2016.</p> <p>54. Two week Faculty Development Program on 3M- Modeling, Materials and Manufacturing, BMSCE, Bangalore-13th to 23rd Dec 2016.</p> <p>55. One Week FDP on Processing of Materials, Material characterization and testing, RMSIT, Bangalore-15th to 21st Jan 2017.</p> <p>56. Short-term Course on Design Nuances in Incompressible and compressible flow Turbo Machines-IISc, Bangalure -17th to 21st Oct 2016.</p> <p>57. Workshop on Accreditation for Technical institutions, JSSATE, Bangalore-26th to 27th Aug 2016.</p> <p>58. National Symposium on shock waves, KITS, Coimbatore-25th -26th Feb 2016</p> <p>59. Two days FDP on “Design of Experiments and Optimization Techniques” on 3rd &amp; 4/03/2016 at Sir.M.Visvesvaraya Institute of Technology, Bangalore.</p> <p>60. Two day National Level seminar on smart Materials and Its application, MSRIT, Banaglore-21st to 22nd Dec 2015</p> <p>61. Two days workshop on Advances in Mechanical Measurements” on 29th &amp; 30/01/2016 at Vemana Institute of Technology, Bangalore-34, Vemana Institute of Technology, Bangalore-34 on 29th &amp; 30/01/2016</p> <p>62. Two day National Level seminar on smart Materials and Its application, MSRIT, Banaglore-21st to 22nd Dec 2015</p> <p>63. 3 days workshop on Research Methodologies and latex, JSSATE, Bangalore-26th to 28th May 2016.</p> <p>64. Two days workshop on subject based Pedagogy on ATD , VTU, Mysuru-8th to 9th Feb 2016.</p> <p>65. 3 days FDP on Introduction to Latex, HKBKCE Bangalore-28th to 30th Jan 2016.</p> <p>66. Two days workshop on Advanced Tribology, BU, Bangalore-22nd to 23rd May 2015.</p> <p>67. One week FDP on Industry Institute interaction A productive interface between academia and industry, HKBKCE, Bangalore-21st to 26th Dec 2015</p> <p>68. One Day Workshop on Financial Planing on uncertain Future by SEBI, HKBKCE, Bangalore-21st Nov 2015.</p> <p>69. One day workshop on financial Planning for uncertain Future, HKBKCE, Bangalore-21st Nov 2015.</p> <p>70. One day workshop on Nano Materials, VTU Regional Of fice, Bangalore-14th DEC 2015.</p>
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<b>Higher Education</b>	<p><b>Faculties pursuing Ph.D</b></p> <ul style="list-style-type: none"> <li>• Tajuddin Yezdani</li> <li>• Ramachandra Kulkarni</li> <li>• Abdul Mujeeb</li> <li>• Nehal Ahmed</li> </ul>
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## BOOKS PUBLISHED BY FACULTY

### Academic year:-2022-2023

- Industrial Safety by Dr. Nadeem Pasha K and Dr. Salim Sharieff, ISBN: 978-93-5625-624-8, Scientific International Publishing House.
- Renewable energy and resources by Dr. Salim Sharieff and Dr. Nadeem Pasha K ISBN: 978-93-5757-120-3, Scientific International Publishing House.

## PAPERS PUBLISHED BY FACULTY

### Academic year:-2022-2023

- Dr. Zakaulla and Dr. Salim Sharieff, “Artificial neural network prediction model for the mechanical properties of the BF/AZ31BH24 magnesium-based fiber metal laminates” in the 2023 Third Global Conference on Recent Advances in Sustainable Materials (GC-RASM 2023) held atnPGP College of Engineering & Technology, Tamil Nadu, India during 27 - 28, July 2023. The conference has been organized by the department of Mechanical Engineering.
- Dr. Younus Pasha, Dr. Salim Sharieff “DESIGN AND DEVELOPMENT OF IOT BASED MULTI DEGREE FIRE EXTINGUISHER” Journal of emerging technologies and innovative research, ISSN: 2349-5162, JETIR May 2023, Volume 10, Issue 5, <https://jetir.org/papers/JETIR2305995.pdf>
- Nawaz Ahmed “FABRICATION OF AUTOMATED BENDING MACHINE” DOI : <https://www.doi.org/10.56726/IRJMETS40128>
- Dr. Nadeem Pasha K, Dr. Salim Sharieff, “Piezoelectric Power generation in E Scooter”, Journal of emerging technologies and innovative research, ISSN: 2349-5162, JETIR May 2023, Volume 10, Issue 5
- Prof Ramachandra Kulkarni, “OXYGEN CONCENTRATION GENERATOR USING PSA” Journal of emerging technologies and innovative research, ISSN: 2349-5162, JETIR May 2023, Volume 10, Issue 5
- Dr. Nadeem Pasha. K, INTEGRATION OF PIEZOELECTRIC POWER IN E SCOOTER, Journal of emerging technologies and innovative research, ISSN: 2349-5162, JETIR May 2023, Volume 10, Issue 5
- Dr. Salim Sharieff, Fabrication of Light Weight Cost Effective E-Scooter, Journal of emerging technologies and innovative research, ISSN: 2349-5162, JETIR May 2023, Volume 10, Issue 5.
- Dr. Salim Sharieff Prof. Nehal Ahmad, SELF REGENERATING ELECTRIC GREEN BIKE, Journal of emerging technologies and innovative research, ISSN: 2349-5162, JETIR May 2023, Volume 10, Issue 5..
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#### **Academic year:-2019-2020**

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

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<b>Awards &amp; Rewards</b>	<ul style="list-style-type: none"> <li>• Younus pasha was awarded with Ph.D degree in 2023 from VTU.</li> <li>• Harish H was awarded with Ph.D degree in 2021 from VTU.</li> <li>• Nadeem Pasha K was awarded with Ph.D degree in 2021 from Bangalore University.</li> <li>• Salim Sharieff was awarded with Ph.D degree in 2021 from Bangalore University.</li> <li>• Mohammed Zakaullah was awarded with Ph.D degree in 2016 from VTU.</li> </ul>
<b>Appointments</b>	Dr. Muzzamil Ahmed member of BOE from 2017- to 2019.
<b>Distinguished Alumni</b>	



# **HKBK COLLEGE OF ENGINEERING**

**Department of Civil Engineering**

**Mandatory Disclosure**

1	Name of the Department	CIVIL ENGINEERING					
2	Course	B.E					
3	Level	U.G					
4	1 <sup>st</sup> year of approval by the Council	Yes (2013)					
5	Year wise sanctioned intake	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
6		120	120	120	60	60	0
7	Year wise Actual Admission	44	26	24	16	0	0
8	Cut off marks –General Quota	45	45	45	45	45	0
9	Students passed with distinction	74%	50%	80%	74%	30%	
10	Students passed with first class	18%	25%	36%	22%	20%	
11	Students Placed	16	12	14	3	6	4
12	Average Pay package	3.6 lakhs	3.6 lakhs	3.6 lakhs	3.6 lakhs	3.5lakhs	2.5 Lakhs
13	Students opted for higher studies	6	1	2	1	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	Karnataka state council for science and technology ( KSCST) 46th series student project, Project title “ <b>Real Time Project Progress Update Of Building Using Iot</b> ” . <b>Financial year 2022-23, Rs 5000/-.</b>						
2.	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>						
3	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>						
4	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”.						
5	Best Project award Cash prize of <b>Rs 5000, Financial year 2017-18</b> , Project title “Feasibility studies on a self-sustaining green layout”.						
6	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”.						
7	VTU project cum exhibition an award of <b>Rs 5000, Financial year 2018-19</b> , Project title “Soil stabilization using natural coir fibres”.						
8	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”.						
8	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”.						
<b>Events Organised 2019-20</b>							

<b>Workshop Conducted</b>			
1	EduCAD conducted one day workshop on Auto CAD and 3ds Max on 12th September 2019		
<b>Technical Talks</b>			
1	Internship cum consultancy talk delivered by M/S SWIFTERZ regarding consultancy opportunities to Civil Engineers on 25th February 2020		
<b>Industrial Visits</b>			
	<b>2022-23</b>		
1.	One Day Industrial Visit to Hebbal Sewage Treatment Plant for third year students was by organized by Prof. N.R.Gowri on 22/12/2022		
2.	One day Industrial Visit to ELCITA ,Electronics City ,Industrial Area,Phase 1 for first year engineering students was organized by Dr.Syed Abu Sayeed Mohammed and Prof Kishore S R on 13/10/2022		
	<b>2021-22</b>		
2	One day visit was organized By, Prof .Mohammed Yunus on <b>Construction of steel structures G Block</b> for the final year students on 24/5/22 withsin HKBKCE Campus.		
3	Industrial trip to “A visit to Ready Mix Concrete (RMC) – Gunite plant at Yellahanka, Bangalore station on 16-09-2019		
4	Industrial visit to “TK Halli Water treatment Plant” on 10-01-2019		
5	Industrial visit to “Prestige Constructions Yelahanka Project site”on 22-3-2019		
6	Industrial visit to “Karnataka State Remote Sensing Centre” on12-12-2019.		
	<b>2015-16</b>		
7	Confederation of India Industry (CII), India's premiere industry Association presents Excon 2015 on 29-12-2015.		
8	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.		
9	Industrial visit to “Water treatment plant of BWSSB at Thorekadunahalli” on March 2015.		
<b>FDP/SDP Organized</b>			
	<b>2019-2020</b>		
1.	The dept. of Civil Engineering and Dept of Chemistry, HKBK CE conducted three days FDP on teaching learning process ( TLP) from August 28 <sup>th</sup> 2020.		



2	<b>2018-19</b> The dept. of Civil Engineering and Dept of Chemistry, HKBK CE conducted one day FDP on Research methodology on <b>26/10/2019</b>		
3	<b>2017-18</b> Invited Talk organized for the students of civil engineering on the topic “Technology and Ethics” by the speaker Mr. Syed Shahid Hashmi of Unacademy on 10-08-2019		
<b>Social Awareness Program</b>			
1	<b>2019-20</b> One Day program on ‘ <b>Psycho-social Wellbeing of Youth and Gender Sensitization.</b> ’ On 26-02-2020. Speaker-Dr.Jonas Richard A-HRD Professional.		
2	<b>2018-19</b> “ <b>Drug Awareness and Prevention Programme</b> ”on 18/09/2018-Chief Guest: Kala Krishnaswamy, IPS, DCP, North Bangalore.		
<b>Technical and Cultural Events</b>			
1	<b>2022-23</b> a) The college level project exhibition 2023 was organized by Department of Civil Engg. under the guidance of IQAC on 12 <sup>th</sup> May,2023 b)Prof Kishore S R presented a research paper at the National symposium on NSNST-2023 held at Presidency University,Bangalore on 12 <sup>th</sup> to 13 <sup>th</sup> April 2023 c) Prof N.R.Gowri presented a technical paper in ICSTS-2022 held at MMANTC during 5 <sup>th</sup> to 6 <sup>th</sup> Nov 2022 d) Prof. Rajalakshmi M M Presented a Paper on “Self-Healing Hot Mix Porous Asphalt” in Conference Novel Sustainable Concepts and Technologies in Civil Engineering from 23-25 September ,2022		
2	<b>2021-22</b> The inter college project exhibition 2022 was organized by Department of Civil Engg. under the guidance of IQAC on 25th June 2022		
3	<b>2019-20</b> 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.		
4	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>			
<b>2022-23</b>			
1.	Prof.N.R. Gowri have attended attended 5-day FDP on Environmental Engineering & Sustainability - Research, Technologies and Challenges" at NITTE,Bangalore from 27 <sup>th</sup> Feb to 3 <sup>rd</sup> March 2023		

2	Prof. Rajalakshmi M M have attended attended 5-day FDP on Environmental Engineering & Sustainability - Research, Technologies and Challenges" at NITTE,Bangalore from 27 <sup>th</sup> Feb to 3 <sup>rd</sup> March 2023		
<b>2021-22</b>			
1	Prof. Meghana G have attended a 5-day FDP onInculcating Universal Human Values in Technical Education 19 <sup>th</sup> - 23 <sup>rd</sup> July 2021		
2	Prof. N.R.Gowri have attended a 5-day FDP on Inculcating Universal Human Values in Technical Education 20 <sup>th</sup> - 24 <sup>th</sup> Dec 2021		
3	Prof. Rajalakshmi M M have attended a 5-day FDP onInculcating Universal Human Values in Technical Education 20 <sup>th</sup> -24 <sup>th</sup> Dec 2021		
4	Prof. Kishore S R have attended a 5-day FDP on Inculcating Universal Human Values in Technical Education 28 <sup>th</sup> Feb-4 <sup>th</sup> March 2022		
5	Prof. N.R.Gowri have attended a FDP on Entrepreneurial Skills on Geospatial Data Management by B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai 23 <sup>rd</sup> - 25 <sup>th</sup> Feb 2022		
6	Prof. Rajalakshmi M M have attended a FDP onEntrepreneurial Skills on Geospatial Data Management by B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai 23 <sup>rd</sup> - 25 <sup>th</sup> Feb 2022		
7	Prof. N.R.Gowri AICTEhave attended a 5-day FDPTraining And Learning (ATAL) Academy Online Advanced FDP on Applications of Remote Sensing and GIS 10 <sup>th</sup> – 14 <sup>th</sup> Feb 2022		
8	Prof. Rajalakshmi M M AICTEhave attended a 5-day FDPTraining And Learning (ATAL) Academy Online Advanced FDP on Applications of Remote Sensing and GIS 10 <sup>th</sup> – 14 <sup>th</sup> Feb 2022		

9	Prof. N.R.Gowri have attended a 5-day FDPPart 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE)25 <sup>th</sup> -29 <sup>th</sup> April 2022		
10	Prof. Rajalakshmi M Mhave attended a 5-day FDPPart 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE) 25 <sup>th</sup> -29 <sup>th</sup> April 2022		
11	Prof. Kishore S R have attended a 5-day FDPPart 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE) 25 <sup>th</sup> -29 <sup>th</sup> April 2022		
12	<b>2019-20</b> Mr. Mohammed Umais and Mrs. Rashmi Dandavati have attended a 5-day FDP on "Hands on training on project management software (MS Projects) at Coimbatore Institute of Technology under Pandit Madan Mohan Malaviya National Mission on teachers and teaching scheme. from 7th to 11th March 2020.		
13	Mr. Mohammed Umais have attended a 5 Days FDP on “Strength of Materials” at VTU PG Center, Chikkaballapur from 07 September 2019 to 11 September 2019		
14	<b>2018-19</b> Mrs. Jaya Karunya have attended a Workshop on syllabus discussion of CBCS scheme in 5 <sup>th</sup> Feb 2018 at BNMIT Bangalore		
15	Mrs. Jaya Karunya have attended FDP - Autonomization of HKBK (CBCS) on 15 <sup>th</sup> June 2018 at HKBKCE, Bangalore		
16	Mrs. Jaya Karunya have attended Workshop - Internationalization - a paradigm shift in 22 <sup>nd</sup> Dec 2018 at Ambedkar Institute of technology, Bangalore		
17	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		
18	Mr. M.Nihar have attended FDP on "MOODLE" by VTU Belagavi on 5 <sup>th</sup> April 2018 at HKBKCE.		
	<b>2017-18</b>		
19	Mr. M.Nihar have attended FDP on "CBCS BASED CURRICULUM DEVELOPMENT TOWARDS AUTONOMY" on 20 <sup>th</sup> FEB 2018 at HKBKCE		
20	Mr. Mubarak Ali have attended Workshop on Intellectual Property Rights (IPR) on 6 <sup>th</sup> Sept 2018 at GMIT, Davanagere.		
21	Mr. Mubarak Ali have attended FDP- "CBCS BASED CURRICULUM DEVELOPMENT TOWARDS AUTONOMY" on 20 <sup>th</sup> Feb 2018 at HKBKCE		
<b>Referred Journals</b>			

2021-22			
1	Dr. Syed Abu Sayeed Mohammed (2022) “Efficacy of Enzymatically Induced Calcium Carbonate Precipitation in the Retention of Heavy Metal Ions”. <a href="http://www.mdpi.com/books/pdfview/book/5250">http://www.mdpi.com/books/pdfview/book/5250</a>		
2	Mohammed Abdul Lateef“State-of-the-Art Review of the Applicability and Challenges of Microbial-Induced Calcite Precipitation (MICP) and Enzyme-Induced Calcite Precipitation (EICP) Techniques for Geotechnical and Geoenvironmental Applications”		
3	Prof.Kishore. S.R (2022) “Evaluation of Queue Discharge and Lane Occupancy due to Seepage Behavior of Small Sized Vehicles at Intersection.”5 <sup>th</sup> International Conference of Transportation Research Group of India(CTG),April 2022.		
2020-2021			
4	Almajed, A.; Lateef, M.A.; Moghal, A.A.B.; Lemboye, K. (2021). State-of-the-Art Review of the Applicability and Challenges of Microbial-Induced Calcite Precipitation (MICP) and Enzyme-Induced Calcite Precipitation (EICP) Techniques for Geotechnical and Geoenvironmental Applications. Crystals, 11, 370.		
5	K Venkata Vydehi, Arif Ali Baig Moghal, Syed Abu Sayeed Mohammed, Mohammed Abdul Latheef, Mubarak Ali, Aqsa Basheer, Adil Ahmad Handoo, Syed Zahid Nabi and Burhan Ul Wafa (2021). Efficacy of Almond Shell Ash Inclusion on the Geotechnical Behavior of Lime Blended Kaolinitic Soil. In: Patel S., Solanki C.H., Reddy K.R., Shukla S.K. (eds) Proceedings of the Indian Geotechnical Conference 2019. Lecture Notes in Civil Engineering, Vol 136, pp. 259-269. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-33-6444-8_23">https://doi.org/10.1007/978-981-33-6444-8_23</a> .		
2019-2020			
6	Moghal, A.A.B.; Lateef, M.A.; Abu Sayeed Mohammed, S.; Ahmad, M.; Usman, A.R.; Almajed, A. Heavy Metal Immobilization Studies and Enhancement in Geotechnical Properties of Cohesive Soils by EICP Technique. Appl. Sci. 2020, 10, 7568. DOI: 10.3390/app10217568		
7	Moghal, A.A.B.; Lateef, M.A.; Mohammed, S.A.S.; Lemboye, K.; C. S. Chittoori, B.; Almajed, A. Efficacy of Enzymatically Induced Calcium Carbonate Precipitation in the Retention of Heavy Metal Ions. Sustainability 2020, 12, 7019. <a href="https://doi.org/10.3390/su12177019">https://doi.org/10.3390/su12177019</a>		

8	hal A.A.B, Mohammed S.A.S. A. Almaged and M.A.A. Shamrani ( April 2020)” Desorption of heavy metals from lime stabilized semi-arid soils using different extractants”, International Journal Civil Engineering DOI ( <a href="https://doi.org/10.1007/s40999-019-00453-y">https://doi.org/10.1007/s40999-019-00453-y</a> ) (Science citation indexed)		
9	<b>-19</b> ammed, 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)		
10	<b>-18</b> hal, 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)		
11	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)		
12	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)		
<b>Conferences</b>			
<b>2022-23</b>			
1	Prof. Rajalakshmi M M attended and Presented a Paper on “Self-Healing Hot Mix Porous Asphalt” in Conference Novel Sustainable Concepts and Technologies in Civil Engineering from 23-25 September ,2022		
2	Prof N.R.Gowri presented a paper on “Utilization of Plastic Waste in Brick Manufacturing” in the International Conference on Science, Technology and Sustainability held at MMANTC , Nashik during 5-6 November,2022		
3.	Prof. Kishore S R presented a paper on Nano Based Soil Amendents for Heavy Metal Retetion in Brown fields at Presidency University,Bangalore onn12-13 April 2023		



4	<b>9-20</b> 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.		
5	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.		
6	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)		
7	resha 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.		
9	<b>8-19</b> 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		

#### Faculties Attended Online FDP AY 2022-23

Name	Title FDP, Webinar, Online Certification Courses (NPTEL,Udemy, coursera,Skillscout	Date	Place/Host
Prof. Rajalakshmi M M	FDP	<sup>th</sup> Feb to 3 <sup>rd</sup> March 2023	NITTE,Bangalore
Prof. N.R.Gowri	FDP	<sup>th</sup> Feb to 3 <sup>rd</sup> March 2023	NITTE,Bangalore

#### Faculties Attended Online FDP AY 2021-22

Name	Title FDP, Webinar, Online Certification Courses (NPTEL,Udemy, coursera,Skillscou	Date	Place/Host
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	ter		
Prof. N.R.Gowri	Entrepreneurial Skills on Geospatial Data Management by	23 <sup>rd</sup> - 25 <sup>th</sup> Feb 2022	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai
	Inculcating Universal Human Values in Technical Education	20 <sup>th</sup> - 24 <sup>th</sup> Dec 2021	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
	AICTE Training And Learning (ATAL) Academy Online Advanced FDP on Applications of Remote Sensing and GIS	10 <sup>th</sup> – 14 <sup>th</sup> Feb 2022	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
	Part 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE)	25 <sup>th</sup> -29 <sup>th</sup> April 2022	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
Prof. Rajalakshmi M M	Entrepreneurial Skills on Geospatial Data Management by	23 <sup>rd</sup> - 25 <sup>th</sup> Feb 2022	B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai
	Inculcating Universal Human Values in Technical Education	20 <sup>th</sup> - 24 <sup>th</sup> Dec 2021	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
	AICTE Training and Learning (ATAL) Academy Online Advanced FDP on Applications of Remote Sensing and GIS	10 <sup>th</sup> – 14 <sup>th</sup> Feb 2022	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi

	Part 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE)	25 <sup>th</sup> -29 <sup>th</sup> April 2022	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
Prof. Kishore S R	Inculcating Universal Human Values in Technical Education	28 <sup>th</sup> Feb-4 <sup>th</sup> March 2022	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
	Part 1 of the online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE)	25 <sup>th</sup> -29 <sup>th</sup> April 2022	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
<b>Faculties Attended Online FDP AY 2020-21</b>			
Prof. Meghana G	"Inculcating Universal Human Values in Technical Education"	19.07.2021 to 23.07.2021	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
	"Contemporary Technologies for Sustainable Road Construction"	01.10.2021 to 05.10.2021	AICTE Training and Learning (ATAL) Academy. Siksha 'O' Anusandhan deemed to be University.
	Part 1 of the online UHV Refresher 1	30.08.2021 to 04.09.2021	All India Council for Technical Education Nelson Mandela Marg, Vasant Kunj, New Delhi
Mrs. Angeline Mary M	Global trends in Civil and Infrastructural Engineering	26.05.2020 to 30.05.2020	Institute of Aeronautical Engineering, Hyderabad
	Urban Environmental Management	28.05.2020	Mohamed Sathak Engineering College,Ramnad
	Geo ICT Application for smart cities	01.06.2020	Cambridge Institute of Technology,Bangalore
	Why Water Management is Important	03.06.2020	IIT Delhi

	Role of AutoCAD in Construction Sector	05.06.2020	Sri Ramakrishna Institute of Technology, Coimbatore
	Cleaner Technology for wastewater Treatment	05.06.2020 to 06.06.2020	Sethu Institute of Technology, Virudhunagar
	How to get Research Grants from UGC,AICTE	09.06.2020	Mar Baselios Institute of Technology and Science, Kerala
	Microbes in Air and impacts in Environment	12.06.2020	KLN College of Information Technology, Madurai
	Solutions for water scarcity	13.06.2020	IIT Delhi
	Introduction to arbitration in Construction and its Career Prospects	19.06.2020	KLN College of Information Technology, Madurai
	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 Umais	Data Science	26.05.2020-30.05.2020	Fr. Conceicao Rodrigues College of Engineering, Mumbai
Mr. Mohammed Shahbaaz	Introduction to PEB - Bridging the Gap between Theory and Practice	11.06.2020	Marmag Infra Pvt Ltd
	Behaviour of RC Structures under Earthquake Loading	16.06.2020	KLN College of Information Technology, Pattapalyam, Tamil Nadu



	Effect of Urbanization on Water Bodies	15.06.2020	KLN College of Information Technology, Pattapalyam, Tamil Nadu
	Project Management Essentials certified	06.06.2020	Management and Strategy Institute
	Geo ICT Application for smart cities	01.06.2020	Cambridge Institute of Technology, Bangalore
	An Introduction to Arbitration in construction and its career prospects.	19.06.2020	KLN College of Information Technology, Pattapalyam, Tamil Nadu
	Smart Irrigation using Internet Of Things	15.06.2020	GM Institute of Technology
	Data Collection and Analysis for Research	26.06.2020	SECAB Institute of Engineering and Technology
	Geo ICT Application for smart cities	01.06.2020	Cambridge Institute of Technology, Bangalore
Mr. SYED AHAMED	Global trends in Civil and Infrastructural Engineering	26.05.2020 to 30.05.2020	Institute of Aeronautical Engineering, Hyderabad

	Computer Applications in Structural Engineering	04.05.2020	NRI Institute of Technology
Mrs. SHAHABAZ HAKEEM	Computer Applications in Structural Engineering	04.05.2020	NRI Institute of Technology
	The waste Generated, Extract and utilize	26.06.2020	Holy Mary Institute of Technology and Science , Hyderabad
	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	JAINJGI Deemed to be University
	Next Generation Intelligence'	20.05.2020 to 25.05.2020	St. Peter Institute of Higher Education on Research
	Emerging Trends in power electronics and Renewable energy system	24.05.2020 to 25.05.2020	JAIN, JGI Deemed to be University

	Refrigerants in Engg Application	22.06.2020	VCE, Mysore
	we Think Digital Webinar on Online Safety and Misinformation	23.06.2020	Cyber Peace Foundation
	Time for Nature Engineered system	11.06.2020	BITM , Ballari
	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

### Books Published /Book chapters

<b>1</b>	<b>2019-20</b> Nano Materials for soil remediation” Edited by Dr. Tuan Anh Nguyen, Institute for Tropical Technology, Vietnam Academy of Science and Technology, Hanoi, Vietnam, ( Publication date December 2020) our contribution is chapter No 25 titled “Nanomaterials-Based Solidification/Stabilization of metal-
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	contaminated soils <i>Contributor name:</i> -Prof. Abu Sayeed Mohammed.ISBN No. 978-0-12-822891-3
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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.





# **HKBK COLLEGE OF ENGINEERING**

## **Department of Engineering Physics**

### **Mandatory Disclosure**

11 (f)	Name of the Department	Engineering Physics
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Funds received	<p>2015-2016      20,000/</p> <p>KSTA sponsored one day workshop on “ Nuclear Energy and environment” 21-09-2015</p>
Events Organized	<p><b>FDP/SDP Organized:</b></p> <ul style="list-style-type: none"> <li>• SDP on “Physics in day to day life”, 06-02-2021</li> <li>• SDP on “ Graphene Based Technology” , 05-06-2020</li> </ul>
Events Attended	<p><b>Workshops / Seminars / FDP / Guest Lectures Attended by Faculty:</b></p> <p><b>Year -2023</b></p> <ul style="list-style-type: none"> <li>• Faculty development program on Universal Human Values, Department of Information Science and Engineering, HKBK College of Engineering, Bengaluru, September 11-15, 2023.</li> <li>• National Conference on “Recent Advancements In Applied Sciences (RAAS-2023)” , East Point College of Engineering &amp; Technology, Bangalore, India, July 28, 2023.</li> <li>• One-week FDP on “Advances in Materials Chemistry” held during, conducted, Department of Chemistry, School of Engineering, Presidency University, Bengaluru, India. July 17-21, 2023.</li> <li>• One-week FDP on “Polymer Composites for Engineering Applications”, Department of Chemistry, B.M.S. College of Engineering, Bengaluru, India. May 22-26, 2023.</li> <li>• FDP on “Applied Physics in VTU Curriculum”, Department of Basic Sciences, Cambridge Institute of Technology, Bengaluru, India, May 15-19, 2023.</li> <li>• National Seminar on “Intellectual Property Rights”, Department of Physics &amp; Department of Library and Information Science, Sangameshwar College, Solapur, India, on April 10, 2023.</li> <li>• National Webinar on “Raman Spectroscopy”, Centre of Excellence for Energy Research, Centre for Nanoscience and Nanotechnology, Sathyabama Institute of Science and Technology, Chennai, India, on February 28, 2023</li> </ul> <p><b>Year -2022</b></p> <ul style="list-style-type: none"> <li>• International Webinar on “Solar Photovoltaics for Sustainable Future Centre for Research and Development in Education and Social Integration (CRESIHRD)”, Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad Chapter on 24<sup>th</sup> Dec 2022.</li> <li>• International Webinar on “Advanced Transparent Ceramic Materials for Defence Applications”, Centre for Research and Development in Education and Social Integration (CRESIHRD), Bharat Institute of Engineering and Technology in</li> </ul>

	<p>collaboration with Indian Ceramic Society, Hyderabad Chapter on 26<sup>th</sup> Nov 2022.</p> <ul style="list-style-type: none"> <li>• One-day workshop on “Gender Sensitization”, College Internal Complaints Committee- CICC, HKBK College of Engineering, Bangalore-45, on 25<sup>th</sup> November 2022.</li> <li>• One-day orientation program for VTU affiliated College teachers on “Revised Physics Syllabus- 2022”, B.M.S College of Engineering, Bengaluru in association with VTU, Belagavi, on 24<sup>th</sup> Nov 2022.</li> <li>• E-Workshop on ‘Advances in Science &amp; Technology of Graphene-2022, Indian Carbon Society in collaboration with CSIR-NPL, New Delhi on November 1- 2, 2022.</li> </ul> <p><b>Year -2021</b></p> <ul style="list-style-type: none"> <li>• FDP on " advanced materials and their technological relevance” Don Bosco Institute of Technology, Bengaluru, 23<sup>rd</sup> Nov 2021-27<sup>th</sup> Nov 2021</li> <li>• FDP on "Recent Advances in Composites and Nano Materials" AICTE Training and Learning (ATAL) Academy. 13<sup>th</sup> Dec2021-17<sup>th</sup> Dec2021.</li> <li>• FDP on " Recent Trends in Optoelectronics &amp; Optical Communications" Dr. AIT, Bengaluru, 15<sup>th</sup> Nov2021- 19<sup>th</sup> Nov2021</li> <li>• FDP on photo electric effect:100 days at Bangalore Institute of Technology, Bengaluru, 1<sup>st</sup> Dec 2021</li> <li>• One-day webinar on " the universal concept of emergence ranging from bird flocks to quantum materials", NIE Mysore, 21<sup>st</sup> Dec 2021</li> <li>• 6<sup>th</sup> International Conference on Nano science Nano Technology (ICONN2021) , SRM, Institute of Science &amp; Technology, Kattankulanthur, Chennai, Tamil Nadu, India, 1<sup>st</sup> Feb2021-3<sup>rd</sup> Feb 2021</li> </ul> <p><b>Year – 2020</b></p> <ul style="list-style-type: none"> <li>• Five days FDP on “Recent 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> </ul>
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	<ul style="list-style-type: none"> <li>• AICTE recognized FDP on Environment and Sustainable development, Department of Rural development, NITTTR, Chandigarh, May 18<sup>th</sup> -22<sup>th</sup>, 2020</li> <li>• AICTE recognized FDP on Nano material &amp; Devices, Department of Applied Science, NITTTR, Chandigarh, May 11<sup>th</sup> -15<sup>th</sup>, 2020</li> <li>• FDP on Contemporary tools and techniques for teaching and researchers in Higher education: Experience of using virtual classrooms, Cambridge Institute of Technology, Bangalore, May 9<sup>th</sup>, 2020</li> <li>• AICTE recognized FDP on Quantum and Energy Materials: Potential &amp; Applications, Department of Applied Science, NITTTR, Chandigarh, May 4<sup>th</sup> -8<sup>th</sup>, 2020</li> <li>• Three Days Online FDP on “Physics of Materials” organized by Department of Physics, Faculty of Engineering and Technology JAIN (Deem to be university) from 28<sup>th</sup> to 30<sup>th</sup> may 2020.</li> <li>• Online AICTE Recognized Faculty Development Programme on Nanomaterials and Devices from 11-05-20 to 15-05-20 (One Week) Organized by Applied Science Department NITTTR, Chandigarh</li> <li>• Three-day FDP on "Enhancement of Skills for Online Teaching" organized by Department of Mechanical Engineering, SRIT from 08 June 2020 to 10 June 2020.</li> <li>• One-week online Faculty Development Programme on “NBA and NAAC Accreditation process” organized by Internal Quality Assurance cell(IQAC) M.S Ramaiah Institute of Technology under AICTE Margdarshan scheme from 4<sup>th</sup> to 8<sup>th</sup> June 2020.</li> <li>• “National Youth conference-2020” held at Loyola Hall, Mangalore organized by Akanksha Charitable Trust on 9<sup>th</sup> and 10<sup>th</sup> January 2020.</li> <li>• Workshop on “Online Skill Enhancement Program” organized by Akanksha Charitable Trust(Regd.), Puttur between 23<sup>rd</sup> - 28<sup>th</sup> April 2020.</li> <li>• Course on “Advanced Course on Special theory of Relativity” from IIT Kanpur.</li> <li>• E - Content Development Workshop for Teachers, Dept. of chemical Engineering, K.K.Wagh Polytechnic, Nashik, June 1<sup>st</sup> &amp; 2<sup>nd</sup>, 2020</li> <li>• Workshop on Competitive research grant proposal, SJCIT, Doddaballapur, 27<sup>th</sup> April, 2020</li> <li>• Webinar on E learning/ICT based education, Jawaharlal Institute of technology, Borawan, M.P, 24<sup>th</sup> May, 2020</li> <li>• Seminar on Two dimensional materials for diverse applications, Cambridge institute of technology, Bangalore, 23<sup>th</sup> May 2020</li> <li>• International E-conference on strategies &amp; challenges in Higher education during COVID- 19 Lockdown period in India with reference to the world, Govt. Vidarbha Institute of Science &amp; Humanities, Amravati, May 15<sup>th</sup> -17<sup>th</sup>, 2020</li> </ul>
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	<ul style="list-style-type: none"> <li>• National Webinar on “Preparing Nets Today for Fishing Tomorrow” (Sharpen Your Edge) organized by IQAC of Vanita Vishram Women’s College of Commerce, Surat on 20 th May, 2020 on Zoom</li> <li>• National Webinar on “Writing a Research Paper &amp; Publishability: Issues &amp; Concerns” organized by IQAC of Vanita Vishram Women’s College of Commerce, Surat on 26 th May, 2020 on Zoom.</li> <li>• oneday national webinar on “Research methodology” organized by Research center political science &amp; economics, Yeshwantrao chavan college, Ambajogai, Dist. Beed on 15<sup>th</sup> june 2020.</li> <li>• one-day webinar on “Kick start your Research work” hosted by Department of Computer Science &amp; Engineering on May 30, 2020</li> <li>• one-day webinar on E-learning/ICT based Education on 24<sup>th</sup> may 2020 organized by Jawaharlal institute of Technology, Borawan (M.P)</li> <li>• National webinar on “Role of Teachers in building future leaders” as delegate organized by B.V.V Sangha’s Institute of Mangement studies,Vidyagiri, Bagalkot-Karnataka on 27<sup>th</sup> may 2020.</li> <li>• International Webinar on “Application of Chanakya Niti in Modern Education” organized by Department of Commerce on 11<sup>th</sup> May, 2020.</li> <li>• National webinar on “Two Dimensional Mateials for Diverse Application” hosted by Cambridge Institute of Technology, Bengaluru.23<sup>rd</sup> may 2020.</li> <li>• Webinar on Astronomy and Astrophysics entitled “The Universe: Reaching through Radio waves” organized by the Department of Applied Physics, Karunya institute of Technology and science, Coimbatore on 29.5.2020.</li> <li>• International webinar on Astronomy and Astrophysics entitled “A Star’s Dance at the Centre of our Milky way Galaxy” organized by the Department of Applied Physics, Karunya institute of Technology and science , Coimbatore on 19.6.2020.</li> <li>• Two days National webinar on “Advanced Excel” organized by IQAC &amp; BCAF Department of Ghanshyamdas saraf college of Arts and commerce, Malad west, Mumbai in association with Skill Development and vocational Training Institute of India (SDVTII) on May 20<sup>th</sup> &amp; 21<sup>st</sup>, 2020.</li> <li>• Three days online workshop on "Education 4.0-Season II" organized by IQAC, Atharva College of Engineering held on 28th - 30th May 2020.</li> <li>• Two days “eContent Development Workshop for Teachers” organized on 1 st &amp; 2 nd June, 2020. K. K. Wagh Polytechnic, Nashik. Department of Chemical Engineering</li> </ul> <p><b>Year – 2019</b></p> <ul style="list-style-type: none"> <li>• FDP on Enhancing Teaching skills and develop the next generation of Engineering Educators, HKBKCE, Bangalore, Dec, 2019</li> </ul>
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	<ul style="list-style-type: none"> <li>• FDP on Research methodology, Department of Engg. Chemistry, HKBKCE, Oct 2019,</li> <li>• FDP on Physics experiments for Engineers held by Department of Physics, CMRIT, Bengaluru, Feb 2019</li> <li>• FDP on Physics experiments for Engineers held by Department of Physics, CMRIT, Bengaluru. Feb 2019</li> <li>• Faculty Development program on “Develop the Next Generation of Engineering Educators” at HKBK college of Engineering, Bangalore, collaboration with IBM iAcademia, 12<sup>th</sup> to 16<sup>th</sup> Dec 2019.</li> </ul> <p><b>Year – 2018</b></p> <ul style="list-style-type: none"> <li>• FDP on “Cyber security and Forensics”,HKBKCE, Bengaluru, 9<sup>th</sup> and 10<sup>th</sup> January 2018</li> <li>• FDP on “CBCS based curriculum development towards autonomy”, HKBKCE, Bengaluru, 11<sup>th</sup>, 12<sup>th</sup>, 23<sup>rd</sup> – 25<sup>th</sup> January 2018</li> <li>• FDP on Revised Engineering Physics theory and Laboratory curriculum, 2018-19 CBCS scheme held at CMRIT, Bengaluru, July 2018</li> <li>• FDP on Revised Engineering Physics theory and Laboratory curriculum, 2018-19 CBCS scheme held at CMRIT, Bengaluru, July 2018</li> <li>• Workshop on New model curriculum for I year B.E/B. Tech – CBCS detailed syllabus as per OBE format including Cos and Bloom’s Taxonomy, BIT, Bangalore, May 2018</li> <li>• Presented a paper entitled “Physico-chemical and Spectroscopic studies on <i>T.versicolor</i> treated textile effluent” in a National Seminar on Recent trends on Material Sciences, Dept. Of Physics, Thevanai Ammal College for Women, Villupuram on Feb 2018.</li> <li>• One day workshop sponsored by TEQIP III on “ Recent Advances in Micro &amp; Nano Engineering Materials and application” organized by Dr. Ambedkar Institute of Technology,Bangalore, 31<sup>th</sup> Jan 2018.</li> </ul> <p><b>Year – 2017</b></p> <ul style="list-style-type: none"> <li>• Attended an International conference on “Recent trends in Environmental Science and Technology” organized by APS college of Engineering, Bangalore held on Dec., 2017.</li> </ul>
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	<p>1. Amrutesh Kannolli, Avinash P., S.R. Manohara, <b>Mohsina Taj</b>, Kotresh M.G, In-depth study of zinc nanoferrite particles at different calcination temperatures and their behavior in the presence of electric and magnetic fields, Journal of Magnetism and Magnetic Materials 584 (2023) 171079.</p>
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<p><b>Referred Journals</b></p>	<ol style="list-style-type: none"> <li>2. T. K. Madhura, B. M. Rajesh, K. <b>Chandrakumar</b>, Chandra , S. Shubha, N Srikantamurthy, B.Sachuthananthan, Synthesis, crystal structure, DFT,Hirshfeld Surface and Molecular docking studies of a novel chalcone derivative(E)-3-(2-chlorophenyl)-1-(2-fluoro-4-methoxyphenyl)prop-2-en-1-one, ECB European Chemical Bulletin, Volume-12, Special Issue-4 (2023).</li> <li>3. Eniya Palaniyasan, Anbarasan Raddhakrishnan, <b>Shivaraj R. Maidur</b>, Parutagouda Shankaragouda Patil, Kalyana Sundar Jeyaperumal. Evolution of physicochemical properties of 2-(2-(4-(4-chloro) phenyl)vinyl)-1, 1, 3-trimethyl-1H-benzo[e] Indolium iodide via experimental and quantum chemical calculation for third-harmonic generation applications, Journal of Molecular Structure Volume 1268, 15 November, PP 133557, 2022.</li> <li>4. Qin Ai wong, Ching kheng quah, Xin Ai wong, <b>Shivaraj R. Maidur</b>, Huey Chong Kwong, Yip-Foo Win, Parutagouda Shankaragouda Patil, Neelamma B. Gummagu, Structure-Property Relationship of Three 2-Chloro-4-fluoro Chalcone Derivatives: A Comprehensive Study on Linear and Non-linear Optical Properties, Structural Characterizations and Density Functional Theory, Journal of Molecular Structure Volume 1267, 5 November, 133584, 2022.</li> <li>5. Eniya Palaniyasan, Anbarasan Raddhakrishnan, <b>Shivaraj R. Maidur</b>, Parutagouda Shankaragouda Patil, Anna Lakshmi Muppudathi, Eniya Palaniyasan, Anbarasan Raddhakrishnan, <b>Shivaraj R. Maidur</b>, Parutagouda Shankaragouda Patil, Synthesis, Growth, and Characterization of Single-Crystal Benzo[e]indolium for Third-Order Nonlinear Optical Properties. Journal of Electronic Materials 51, (2022) 3531–3541.</li> <li>6. Karuna Kumari, S. J. Ray, Ajay D. Thakur, Resistive switching phenomena: a probe for the tracing of secondary phase in manganite, Applied Physics A volume 128, Article number: 430 (2022)</li> <li>7. T. K. Madhura, B. M Rajesh, K. Chandrakumar, Chandra, Srikantamurthy, Synthesis, Crystal Structure, Hirshfeld Surface, DFT and Molecular docking Studies of (E)-3-(4-Chlorophenyl)-1-(2,4-difluorophenyl) prop-2-en-1-one, Journal of Pharmaceutical Negative result, Volume 13, Special issue 7, December 2022.</li> <li>8. V. Basavanna, M. Chandramouli, <b>C. Kempaiah</b>, U. K. Bhadracharya, Chandra,N. S. Lingegowda, Shridevi Doddamani, and S. Ningaiah, A New Series of 1,3,4-Oxadiazole Linked Quinoliny-Pyrazole/Isoxazole Derivatives: Synthesis and Biological Activity Evaluation, ISSN 1070-3632, Russian Journal of General Chemistry, 2021, Vol. 91, No. 11, pp. 2257–2266. © Pleiades Publishing, Ltd., 2021</li> <li>9. Ganesha Krishna VS, <b>Shivaraj R Maidur</b>, Parutagouda Shankaragouda Patil, MG Mahesha, Role of Copper Dopant in Two-Photon Absorption and Nonlinear Optical Properties of Sprayed Zns Thin Films for Optical Limiting Applications Physics Letters A 398 (03/2021): 127276.</li> <li>10. <b>Shivaraj R Maidur</b>, Parutagouda Shankaragouda Patil, Naga Krishnakanth Katturi,</li> </ol>
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Venugopal Rao Soma, Qin Ai Wong, Ching Kheng Quah, Ultrafast Nonlinear Optical and Structure–Property Relationship Studies of Pyridine-Based Anthracene Chalcones Using Z-Scan, Degenerate Four-Wave Mixing, and Computational Approaches. *The Journal of Physical Chemistry B* 125, no. 15 (03/2021): 3883-98.

11. Mallikarjun H. Anandalli, Rajashekhar F. Bhajantri, **Shivaraj R. Maidur**, and Parutagouda Shankaragouda Patil. "Impact of brilliant green dye on structural, linear, and third-order nonlinear optical properties of poly (vinyl alcohol) polymer composites for optoelectronic applications." *Journal of Materials Research* 36, no. 14 (2021): 2856-2871.
12. J. Jebapriya, Christina, D. Reuben Jonathan, **Shivaraj R. Maidur**, Prabhu Nallamuthu, Parutagouda Shankaragouda Patil, and Johanan Christian Prasana. "Crystal structure, synthesis, growth and characterization of a non-linear chalcone crystal:(2E)-1-(4-chlorophenyl)-3-(4-diethylaminophenyl)-prop-2-en-1-one." *Journal of Molecular Structure* 1246 (2021): 131184.
13. **Karuna Kumari**, Ashutosh Kumar, Ajay D. Thakur, and S. J. Ray. "Charge transport and resistive switching in a 2D hybrid interface." *Materials Research Bulletin* 139 (2021): 111195.
14. **Karuna Kumari** , Ajay D. Thakur, and S. J. Ray. "The effect of graphene and reduced graphene oxide on the resistive switching behavior of La0.7Ba0.3MnO3." *Materials Today Communications* 26 (2021): 102040.
15. **V. Pant**, **Ajanta Datta**, D. Banerjee, K. Chandrashekhar, and S. Ray "Twisting/Swirling Motions during a Prominence Eruption as Seen from SDO/AIA", *The Astrophysical Journal* (2018), 860:80 (11pp) **ISSN: 1538-4357**
16. **Balasaraswathy S**, Ramamurthy N, Sivasakthivelan P, 'Decolorization and biodegradation studies of the textile effluent treated by *Trametes versicolor*', *International journal of Plant, Animal and Environmental Science* (2018), Vol.8, Issue -1,P.No.44-60,ISSN: 2231-4490
17. **K. Chandra Kumar**, S.Balasaraswathy, B. M. Rajesh and Chandra "2-Amino-N-(furan-2-ylmethyl)-5, 6-dihydro-4H- cyclopenta[b]thiophene-3-carboxamide", *IUCr Data* (2017). 2, x171211, **ISSN: 2414-314**
18. **K. Chandra Kumar**, V. Umesh, T. K. Madhura, B. M. Rajesh and Chandra "Crystal structure of 2-amino-N-(2-fluorophenyl)-4, 5, 6, 7- tetrahydro-1-benzothiophene-3-carboxamide", *Acta Cryst.* (2015), E71, o807–o808, **ISSN: 2056-9890**
19. **V. Pant**, **Ajanta Datta**, and D. Banerjee "Flows And Waves In Braided Solar Coronal Magnetic Structures" , *The Astrophysical journal letters* ( 2015) 801:L2 **ISSN: 20418205**
20. **Ajanta Datta**, S. Krishna Prasad and Dipankar Banerjee "Propagating disturbances along a coronal loop from simultaneous EUV imaging and spectroscopic observations" *Research in Astronomy and Astrophysics* (2015), Vol. 15 No. 7, 1027–1035, **ISSN : 2397-6209**.



# **HKBK COLLEGE OF ENGINEERING**

**Department of Chemistry**

**Mandatory Disclosure**

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

#### Funds Received

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

#### Events Organized

##### FDP/SDP Organized

<b>1.</b>	The dept. of Dept of Chemistry, HKBK CE conducted one day FDP on Research methodology on <b>26/10/2019.</b>
<b>2.</b>	Three day E -Workshop on “Teaching and Learning Process” (TLP)organized by IQAC hosted by Dept. of Civil Engineering and Dept. of Chemistry from 27 <sup>th</sup> to 29 <sup>th</sup> August 2020.
<b>3.</b>	Value Addition Programfor24 <sup>th</sup> Batch of BE Students(Academic Year - 2020-21) 14 <sup>th</sup> - 19 <sup>th</sup> December 2020

#### Social Awareness Program



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 Sanaulla P F – Attended and completed Five Days AICTE training and learning (ATAL) Academy Online Elementary FDP On “Carbon Balance and Environmental Sustainability” held from 07 <sup>th</sup> - 11 <sup>th</sup> February 2022 atBMS College of Engineering, Bengaluru
2.	Dr Sanaulla P F – Attended 1.5 hrs “International Patent filing Masterclass” conducted by Turnip Innovations on 13 <sup>th</sup> November 2021
3.	Dr Sanaulla P F – Participated and completed successfully Five Days AICTE training and learning (ATAL) Academy Online elementary FDP On “Advanced Polymers for energy conversion” held from25 <sup>th</sup> - 29 <sup>th</sup> October 2021 at Cambridge Institute of Technology.
4.	Dr Sanaulla P F – Participated and completed successfully Five Days AICTE training and learning (ATAL) Academy Online Elementary FDP On “Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems” held from15 <sup>th</sup> - 19 <sup>th</sup> November 2021 at New Horizon College of Engineering.
5.	Dr Sanaulla P F – Completed Seven days AICTE - ISTE approved orientation programme on “Thermoelectric materials and Applications for energy Harvesting and Power Generation” conducted from 21 <sup>st</sup> to 27 <sup>th</sup> November 2021 held at Sri Mata Vaishno Devi University, Katra, Jammu & Kashmir.
6.	Dr Sanaulla P F – Participated in the webinar on “Implementation of National Education Policy 2020 in Engineering Education” Organized by Govt. Sri Krishnarajendra Silver Jubilee Technological Institute, K R Circle, Bengaluru held on 27 <sup>th</sup> November 2021.
7.	Dr Sanaulla P F – Five Day Online WorkshopOn “Awareness On National Institutional Ranking Framework-NIRF”. 15 <sup>th</sup> - 19 <sup>th</sup> February 2021 By Department Of Electronics & Communication, HKBK College Of Engineering.
8.	Dr Sanaulla P F – “Powder X-Ray Diffraction: A powerful tool for the Characterization of Nanomaterials” conducted by Deaprtment of Chemistry, Sai Vidya Institute of technology, Bangalore held on 8 <sup>th</sup> July 2020
9.	Dr Sanaulla P F – International Conference on Materials for Environment, Sustainable Society and Global Empowerment ( MESSAGE219) organised by Department of Nano Technology, VTU, Center for Postgraduate Studies , Muddenahalli, Chikkaballapur, Karnataka on 19 <sup>th</sup> & 20 <sup>th</sup> December 2019.
10.	Dr Sanaulla P F- F day FDP on “CBSC Curriculum Development towards Autonomy” HKBKCE on 11 <sup>th</sup> , 12 <sup>th</sup> December 2017 and 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> January 2018.
11.	Dr Sanaulla P F- Worksop on “New Model Curriculum for First Year BE/BTech CBCS detailed Syllabus 208-19 as per outcome-based education (OBE) format including course outcome (CO) and Blooms Taxonomy “Under TEQIP-1.3. Organised By VTU on 7 <sup>th</sup> July 2018.
12.	Dr Sanaulla P F – TEQIP Workshop on Recent Advances in Micro and Nano Engineering Materials and Applications (RAEMA-2018) VTU- Dr Ambedkar Institute of Technology, Bangalore, 31 <sup>st</sup> January 2018.
13.	Mrs Shubha A –Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems" from 15/11/2021 to 19/11/2021 at New Horizon College of Engineering.
14.	Mrs Shubha A –Participated& completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Waste Technology - Energy Conversion and Utilization" from 08/11/2021 to

	12/11/2021 at Mohamed Sathak Engineering College
15.	Mrs Shubha A – Participated Five days International FDP on " Education 4.0 The future ahead" from 10 <sup>th</sup> to 14 <sup>th</sup> August 2020 at Mohamed Sathak Engineering College
16.	Mrs Shubha A – Participated Five days International FDP on "Recent Trends in Material Science" from 02/11/2021 to 06/11/2021 at Mohamed Sathak Engineering College
17.	Mrs Shubha A – Five Day FDP on “Develop the Next Generation of Engineering Educators: organised by iacademia-IBM, HKBK CE from 9 <sup>th</sup> to 13 <sup>th</sup> December 2019.
18.	Mrs Shubha A – One day FDP on “Research Methodology” organised by Dept of Chemistry & Civil on 26 <sup>th</sup> October 2019.
19.	Mrs Shubha A – One day FDP on “Use of Excel for CO-PO attainment calculation for NBA” HKBK CE on 28 <sup>th</sup> March 2019.
20.	Mrs Shubha A – Five day FDP on “CBSC Curriculum Development towards Autonomy” HKBKCE on 11 <sup>th</sup> , 12 <sup>th</sup> December 2017 and 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> January 2018.
21.	Mrs Shubha A – Three day FDP on “Recent advances in basic science for engineering applications.(FDP-Nano-2019) Dayananda Sagar academy of Technology and Management on 8 <sup>th</sup> -10 <sup>th</sup> January 2018.
22.	Mrs Shubha A – Five FDP on “Pedagogy training in technical education” TEQIP1.3 Organised by VTU-HRD, VTU, Center for Postgraduate Studies , Muddenahalli. Chikkaballapur, Karnataka from 20 <sup>th</sup> to 24 <sup>th</sup> February 2018.
23.	Mrs Nethravathi P C- One Week International Winter school on Frontiers in Materials Science, JNCASR, Bangalore. 3-7 Dec 2018
24.	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
25.	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
26.	Jayasimha HN - Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Electroanalytical Techniques for Bio-sensing Applications" from 22/11/2021 to 26/11/2021 at CSIR-Central Electrochemical Research Institute.
27.	Jayasimha HN - Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Waste Technology - Energy Conversion and Utilization" from 08/11/2021 to 12/11/2021 at Mohamed Sathak Engineering College.
28.	Jayasimha HN - Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Implementation of Emerging Waste-To-Energy Technologies - An Opportunity and The challenges On Energy Recovery Systems" from 15/11/2021 to 19/11/2021 at New Horizon College of Engineering.
29.	Jayasimha HN - Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on " Advanced Polymers for Energy conversion" from 25/10/2021 to 29/10/2021 at Cambridge Institute of technology.
30.	Jayasimha HN - Attended a three-days E -Workshop on “Teaching and Learning Process” (TLP) organized by IQAC hosted by Dept. of Civil Engineering and Dept. of Chemistry from 27 <sup>th</sup> to 29 <sup>th</sup> August 2020.
31.	Jayasimha HN - Participated in the Faculty Development Programme (FDP) entitled “Recent Advances in Science & Technology - 2020” organized by the Department of Physics during 17 <sup>th</sup> – 21 <sup>st</sup> August 2020 at Don Bosco Institute of Technology, Mysore Road, Bangalore.
32.	Jayasimha HN - Participated in one-week online Faculty Development Program (FDP) on “Impact and Strategies on Teaching & Learning of Engineering Sciences during COVID-19 pandemic (ISTLESC-2020)”, organized by the Department of Chemistry from July 27 to August 1, 2020.
33.	Jayasimha H N - Participated in one day workshop on “Role of Chemistry in higher engineering Courses” held at

	Sambhram Institute of Technology 20-01-2018
34.	Jayasimha H N – Participated in six days Faculty Development Programme on “Recent Advances in Materials Science and Applications organized by Department of Chemistry & Physics, Ramaiah Institute of Technology, Bengaluru. 16-06-2018 to 21-06-2018
35.	Jayasimha HN - Completed Certification of “Certified Cyber Security Professional (CCSP) workshop certification requirements and is recognized as a Certified Cyber Security Professional (Bangalore Edition) at RajaRajeswari Medical College Campus (RRMCH), Bangalore.

#### Referred Journals Publications

##### Dr. Sanaulla P F

1.	"Leaching Test Protocols to Evaluate Contaminant Response of Nano-Calcium Silicate–Treated Tropical Soils." Moghal, Arif Ali Baig, <b>P. F. Sanaulla</b> , Syed Abu Sayeed Mohammed, and Romana Mariyam Rasheed. Journal of Hazardous, Toxic, and Radioactive Waste 27, no. 2 (2023): 04023002. <a href="https://doi.org/10.1061/JHTRB.P.HZENG-1200">https://doi.org/10.1061/JHTRB.P.HZENG-1200</a> .
2.	Comparative Studies of Inhibitive Effects of Diamines on Corrosion of Aluminium Alloy in Presence of Acid Media.H.C. Ananda Murthy <sup>3</sup> and Anjanapura V. Raghu <sup>4</sup> Shobha Bhaskara <sup>1</sup> , Sanaulla Pathapalya Fakrudeen <sup>2</sup> , V. Bheema Raju <sup>1</sup> , RasayanJournal of Chemistry, V 21, 2021/11/21,Special Issue 2021, PP 72-82. <a href="http://doi.org/10.31788/RJC.2021.1456561">http://doi.org/10.31788/RJC.2021.1456561</a> .
3.	Evaluation of Corrosion Inhibition Efficiency of Aluminum Alloy 2024 by Diaminostilbene and Azobenzene Schiff Bases in 1M Hydrochloric Acid.Shobha Bhaskara,SanaullaPathapalyaFakrudeen , Tegene Desalegn, H. C. Ananda Murthy, and V. Bheemaraju, International Journal of Corrosion, V21, 2021/10/21. PP 1-20, <a href="https://doi.org/10.1155/2021/5869915">https://doi.org/10.1155/2021/5869915</a> .
4.	Enhanced multifunctionality of CuO nanoparticles synthesized usingaqueous leaf extract of Vernonia amygdalina plant.HC Ananda Murthy, Tegene Desalegn Zeleke, KB Tan, Suresh Ghotekar, Mir Waqas Alam, R Balachandran, Kah-Yoong Chan, PF Sanaulla, MR Anil Kumar, CR Ravikumar. Results in Chemistry 3 (2021) 100141. <a href="https://doi.org/10.1016/j.rechem.2021.100141">https://doi.org/10.1016/j.rechem.2021.100141</a> .
5.	Evaluation of Sequential Extraction Procedure (SEP) to Validate Binding Mechanisms in Soils and Soil-Nano- Calcium Silicate (SNCS) Mixtures. Kotresha. K, Sanaulla PF, Mohammed, S.A.S. and Moghal, A.A.B -Indian Geotechnical Journal,50(6), 2020. DOI 10.1007/s40098-020-00464-w.
6.	Single step assemble of cerium oxide embellished on layered graphene oxide: An efficacious electrode for supercapacitors and hydrogen evolution reaction. <a href="https://doi.org/10.1016/j.mseb.2022.115924">https://doi.org/10.1016/j.mseb.2022.115924</a>
7.	Moringa Oleifera leaf extract mediated synthesis of reduced graphene oxide-vanadium pentoxide nanocomposite for enhanced specific capacitance in supercapacitors. <a href="https://doi.org/10.1016/j.inoche.2022.109648">https://doi.org/10.1016/j.inoche.2022.109648</a>
8.	Cadmium Fixation Studies on Contaminated Soils Using Nano Calcium Silicate – Treatment Strategy, Syed Abu Sayeed Mohammed, Arif Ali BaigMoghal, 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.

9.	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 BaigMogha. <b>Materials Today Proceedings (ICNAO), ELSEVEIR</b> , 4 (2017) page 12271–12277.
10.	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 BaigMoghal, <b>Geo-Chicago-2016 GSP 269 @ASCE, USA</b> . page 467- 276.
11.	Role of different leaching methods to arrest transport of Ni <sup>2+</sup> in soil and soil amended with ano calcium silicate, Syed Abu Sayeed Mohammed, Sanaulla P.F and Arif Ali BaigMoghal <b>GEOCHINA -2016 GSP261 @ASCE, USA</b> .pp 49-56.
12.	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 BaigMoghal, <b>International Journal of Civil Engineering-Springer, Iran University of Science and Technology</b> , DOI 10.1007/s40999-016-0052-z,30 May 2016.
13.	"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> )
14.	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.
15.	"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.
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17.	"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" <b>IOSR Journal of Humanities and Social Science (IOSR-JHSS)</b> , Volume 19, Issue 6, Ver. I (Jun. 2014), PP 09-20,( <b>Impact factor -1.589</b> )
18.	"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". <b>Journal of Applicable Chemistry</b> , Vol 2(4), (2013), pp940-957.( <b>Impact Factor- 1.26</b> ).
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20.	"Electrochemical Behaviour of AA6063 Alloy in Hydrochloric Acid using Schiff Base Compounds as Corrosion Inhibitors. <b>International Journal of Engineering Research and Applications</b> Vol. 2, Issue 5, 2012, pp 2049-2061.( <b>Impact Factor-1.69</b> )
21.	"Electrochemical investigation of corrosion inhibition of AA6063 alloy in 1M hydrochloric acid using Schiff base compounds". <b>IOSR Journal of Applied Chemistry</b> . Vol 2. Issue 5, 2012, pp37-47.( <b>Impact factor -1.327</b> )
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26.	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>
27.	“Rotational Re-Orientation times and dipole moments of Coumarin laser dye” <i>BARC, Mumbai January 2005.</i>
28.	“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.
29.	“Studies on properties of self-setting sand using molasses as a binder and sodium metaborate as a hardener” <i>Indian Foundry Journal IIT (Madras).</i>
<b>Dr. Anantha M S</b>	
30.	"Nanostructured MnO <sub>2</sub> /CeO <sub>2</sub> composite as anode material for high performance Li-ion battery." Sengupta, S., Anantha, M. S., Muralidhara, H. B., & Kundu, M. <i>Materials Letters</i> <b>308</b> (2022): <b>131298</b> . <a href="https://doi.org/10.1016/j.matlet.2021.131298">https://doi.org/10.1016/j.matlet.2021.131298</a>
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32.	"Nitrogen-doped carbon spheres-decorated graphite felt as a high-performance electrode for Fe based redox flow batteries." Dinesh, A., Anantha, M. S., Santosh, M. S., Kumar, M. N., Venkatesh, K., & Muralidhara, H. B. <i>Diamond and Related Materials</i> <b>116</b> (2021): <b>108413</b> . <a href="https://doi.org/10.1016/j.diamond.2021.108413">https://doi.org/10.1016/j.diamond.2021.108413</a>
33.	"Microwave treated Bermuda grass as a novel photocatalyst for the treatment of methylene blue dye from wastewater." Anantha, M. S., V. Jayanth, Sharon Olivera, D. Anarghya, Krishna Venkatesh, B. K. Jayanna, H. P. Sachin, and H. B. Muralidhara. <i>Environmental Nanotechnology, Monitoring &amp; Management</i> <b>15</b> (2021): <b>100447</b> . <a href="https://doi.org/10.1016/j.enmm.2021.100447">https://doi.org/10.1016/j.enmm.2021.100447</a>
34.	"One-Pot Synthesis of Novel Molybdenum Disulfide–Graphene Oxide Nanoarchitecture: An Impeccable Bifunctional Electrode for the Electrochemical Performance of Iron Redox Flow Batteries and Oxygen Evolution Reaction." Mylarapattana Shankaranarayana, A., Dinesh, A., Siddaramanna, A., Lakkepally, S., Viswanatha, R., Venkatesh, K., Kumarswamy, Y.K. and Muralidhara, H.B. <i>Energy &amp; Fuels</i> <b>35</b> .9,(2021):8345-8357. <a href="https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.1c00378">https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.1c00378</a>
<b>Dileepkumar VG</b>	
35.	"Dopant-induced photodegradation of organic water pollutants using cobalt oxide nanostructures of low cytotoxicity." Ranjitha, R., <b>VG Dileep Kumar</b> , Meghana K. Navada, Shivaprasad M. Shetty, B. K. Jayanna, Aarti S. Bhatt, M. S. Santosh, H. Madhyastha, K. Sakai, and C. R. Ravikumar. <i>Journal of Environmental Chemical Engineering</i> (2023): 109520. <a href="https://doi.org/10.1016/j.jece.2023.109520">https://doi.org/10.1016/j.jece.2023.109520</a> .
<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, Sanaulla P F. <i>Materials for Environment, Sustainable Society and Global Empowerment -2019 (MESSAGE - 2019)</i> , <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 BaigMoghal-presented at <b>International conference on Nanotechnology - 2016 (IC Nano 2016)</b> held during 21 - 23rd April 2016 at <b>VTU Center for PG Studies</b> , Muddenehalli, Chikkabalapur, Karnataka, India.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. <i><b>Indo-Canadian Symposium on Nano-Science and Technology (ICSNST-2016)</b></i> , 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, <i><b>CLEAR 2014 CONFERENCE - Contaminated Land, Ecological Assessment and Remediation</b></i> 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 <i><b>International Conference on Frontiers in Chemical Research</b></i> Held at Mangalore University during December 2008
6	Corrosion Behaviour of Aluminium alloys in 3% and 5 % NaCl Solutions- A Potentiodynamic Study. Presented at “ <i><b>National Symposium on Electrochemical Science and Technology NSEST 2008</b></i> ”, 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 <i><b>National Conference on Role of Civil Engineers in Disaster Management and Mitigation</b></i> , 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 <i><b>National Conference on Environment held at University of Agricultural Sciences</b></i> , 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 <i><b>40<sup>th</sup>Annual Convention of IIF, IIT (Madras)</b></i> , during February 1992.
10	Studies on properties of self-setting sand using molasses as a binder and sodium perborate as a hardener” <i><b>JNTU Hyderabad</b></i> .
11	<b>Journals Editorial Roundtable-2016 “Getting Visible – Indian Authors in Global Arena”</b> organised by Taylor & Francis on 8 <sup>th</sup> March 2016; Bangalore, India.
12	<b>Second Indo-Canadian Symposium on Nano-Science and Technology (ICSNST-2016)</b> , <i>National Institute of Engineering</i> , Mysore, India-February-2016.
13	<b>International Workshop on “Coatings and Surfaces in Biomedical Engineering”</b> <i>Indian Institute of Technology –Madras</i> , Chennai, India-February 2014.
14	<b>Workshop on “Research Methodology &amp; Report writing”</b> <i>e-learning Centre Mysore, Visvesvaraya Technological University, Bangalore, India-May 2009</i> .
15.	<b>National Conference on“Recent Advances in Surface Engineering –RASE-09”</b> <i>National Aerospace Laboratories (CSIR), Bangalore, India-February2009</i>
16	<b>National Symposium on “Electrochemical Science &amp; Technology (NSEST-2008)</b> , <i>The Electrochemical Society of India, Indian Institute of Science, Bangalore, India-July 2008</i> .
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 AwardedPh.D**

1	Dr. Anantha M S, USN: 1JT17PGA02; Title: <b>“Development of Nanostructured materials for Electrochemical Applications”</b> . Department of Chemistry, CIIRC, Jyothy Institute of Technology, Bangalore. Visvesvaraya Technological University, Belgaum.
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#### Faculties Pursuing Ph.D

1	Ms. I Nusrat Jehan, USN: 1HK16PGJ04; Title: <b>“Electrochemical Studies on Corrosion Inhibition of Aluminium alloys AA6061, AA6063 in Acidic medium using Organic compounds”</b> . Department of Chemistry, HKBK College of Engineering, Bangalore. Visvesvaraya Technological University, Belgaum. <b><u>Course work Completed.</u></b>
2	Mr. Kotresha K, USN: 1HK16PGJ05; Title: <b>“Heavy Metal Immobilization by Nano – Metal Oxide Amendment in Contaminated Red soil and Black cotton Soil”</b> . Department of Chemistry, HKBK College of Engineering, Bangalore. Visvesvaraya Technological University, Belgaum. <b>Colloquium Viva-Voce Completed- Thesis writing in Progress.</b>
3	Mr. Jayasimha H N, USN: 1GG16PGJ01; Title: <b>“A Study On Generation of Metaloxide Nanomaterials and their Technological Applications”</b> Department of Chemistry, Government Engineering College, Ramanagara. <b><u>Course work Completed.</u></b>

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

Name	Title FDP, Webinar, Online Certification Courses (NPTEL,Udemy, coursera,Skillsco uter	Date	
Dr Sanaulla 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)

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

**Department of Engineering Mathematics**

**Mandatory Disclosure**

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	Conducted webinar on “Introduction to Maple & Maple sim” by inviting a resource person Ujwal Khandari(Technical Analyst , Binary semantics, Bengaluru) on 18 <sup>th</sup> August 2020.
	<b>DEPARTMENTAL ACTIVITIES (FDPs)</b>	
	1	Organised an FDP “Synergy in Engineering Mathematics” at HKBKCE On: 25 <sup>th</sup> and 26 <sup>th</sup> Jan 2016
	<b>WORKSHOPS/FDPs/CONFERENCES ATTENDED</b>	
	1.	“ Umme Salma” attended FDP on Statistical modeling , Analysis and its applications to Engineering, Conducted at M.S. Ramaiah Institute of technology, on 8 <sup>th</sup> July 2015
	2.	“Umme Salma”, attended One Day Workshop on “ Financial Planning for Uncertain Future” , 21 <sup>st</sup> NOV 2015, at HKBK College of Engineering, Bengaluru
	3.	“ Umme Salma” attended FDP on Synergy in Engineering Mathematics at HKBKCE , Dept.of Engineering Mathematics 25 <sup>th</sup> and 26 <sup>th</sup> Jan 2016

4.	“Umme Salma” attended FDP on LATEX from 22 <sup>nd</sup> to 26 <sup>th</sup> June 2017 at HKBKCE Bengaluru 45
5.	“Umme Salma” attended three day FDP on Microsoft Office , by the Department of Information Science , HKBKCE, 17th July to 19th July 2019
6.	“Umme Salma” attended FDP on CBCS based curriculum development towards autonomy on 11,12 <sup>th</sup> Dec 2017 and 23,24,25 Jan-2018 at HKBKCE Bengaluru
7.	“Umme Salma “ attended FDP on Research Methodology, Department of Civil / Chemistry, HKBKCE , 26th October 2019.
8.	“Umme Salma” attended National webinar on “Mathematical Modeling & Physical Reality” Organised by Dr. Ambedkar Institute of Technology on 14 <sup>th</sup> September 2020
9.	“Umme Salma” attended a three day E-workshop on “Teaching and Learning Process” , HKBKCE- from 27 <sup>th</sup> to 29 <sup>th</sup> August 2020
10.	“Umme Salma” attended online one week FDP on “Recent Advances in Material Science and mathematical Application” organized by Ghousia College of Engineering\, from-15 <sup>th</sup> to 19 <sup>th</sup> June 2020
11	“Umme Salma attended one day FDP on “You tube essentials”, organized by Board of Industry-Academia Partnerships. On 25 <sup>th</sup> June 2020
12	“Umme Salma” participated in FIVE day FDP on “Emerging Trends in Applied Mathematics”, SJBIT, from-31 <sup>st</sup> August to 4 <sup>th</sup> September,2020.
13	“Umme Salma” Participated in the online FDP on “Effective online teaching Strategies” held on 6 <sup>th</sup> June 2020 by Marian International Institute of Management-Kerala
14	“Umme Salma” attended one day FDP on Innovations in Digital Education with Technology on May 29 <sup>th</sup> 2020 –GFC-Vijayanagara.
15	“Umme Salma” attended Two days International Webinar on “Fluid dynamics and its Applications” by GFC-Vijayanagara-Bengaluru, on 28 <sup>th</sup> & 29 <sup>th</sup> May 2020.
16	“Umme Salma”, Participated in International webinar on “Domination Energy in Graphs” at DR. Ambedkar Institute of Technology, on 11 <sup>th</sup> Sept.2020
17	“Umme Salma”, attended International webinar on “National Education Policy 2020” on 10 <sup>th</sup> Sept.2020-GFC-Yelahanka



18	“Umme Salma” participated in the Two Week Faculty Development Programme on <b>“Research Advances in Mathematics and its Applications”</b> organized by the Department of Mathematics, Sathyabama Institute of Science and Technology, Chennai, from August 2 to August 14, 2021
19	<b>“UmmeSalma” attended FDP on “AcademicWritingforResearch”, organised by HKBK COLLEGE OF ENGINEERING, BANGALORE 28thAprilto2ndMay2022.</b>
20	Umme Salma from HKBK college of Engineering, Bengaluru has participated and successfully completed the 5-day online FDP on the theme <b>“Inculcating Universal Human Values in Technical Education”</b> organized by All India Council for Technical Education (AICTE) from 27th June to 1st July, 2022.
21	<b>“Umme Salma”</b> attended "International Conference on Applied Research in engineering Sciences - ICARES-2022 held during 24 25th November 2022jointly organized by Department of Mathematics, Physics, Chemistry and Humanities held at Ramaiah Institute of Technology, Bangalore 560 054.
22	Dr.S.Sreelakshmi, Participated in one day orientation program for VTU affiliated College teachers on ‘Revised Mathematics Syllabus – 2022’, held on 24 <sup>th</sup> Nov 2022 organised by Department of Mathematics and Humanities, BMS College of Engineering, Bengaluru.
23	Dr.S.Sreelakshmi , Assistant professor , Department of Mathematics , HKBK College of Engineering has participated in a Two Week Online International Faculty Development Programme on "Current Trends in Applications of Mathematics" , organized by the Department of Mathematics, School of Sciences and Humanities, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62, Tamil Nadu, India from 21-09-2022 to 04-10-2022.
24	Dr. S.Sreelakshmi, Participated in 5-Day National level Faculty Development Program on “Inculcating Universal Human Values in Education – An Aspiration of NEP 2020” from 9/05/2022 to 13/05/2022 organised by IQAC in association with Universal Human Values Cell – HKBKCE.

25	Dr C S Nagabhushana attended FDP on Microsoft office from 17 <sup>th</sup> to 19 <sup>th</sup> july 2019 at HKBKCE Bangalore-45
26	Dr C S Nagabhushana attended FDP on Graph theory on line 07 june-2020 Government arts college, Madurai.
27	Dr C S Nagabhushana attended FDP on Introduction to Maple and Maple sim, maple soft , binary semantics, Bangalore 0n Aug 17-2020
28	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
29	FDP on CYBER SECURITY AND FORENSICS from 9 to 10 th january 2018 at HKBKCE Bangalore 45
30	FDP ON CBCS based curriculum development towards autonomy from 11,12 th dec 2017 and 23,24,25 jan-2018 at HKBKCE BANGALORE 45
31	FDP ON New model curriculum for first year BE CBCS detailed syllabus at BIT ON 7-5-2018
32	FDP on LATEX from 22nd june 2017 to 26 th June at HKBKCE Bangalore-45
33	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
34	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
35	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
36	Dr C S Nagabhushana attended workshop on Financial planning for uncertain Future on 21 <sup>st</sup> NOV-2015 at HKBKCE-Bangalore-45
37	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

38	Dr C S Nagabhushana successfully participated in Author Workshop on 13 <sup>th</sup> FEB-2014 at central college ,Bangalore-01
39	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
40	Member of organizing committee for the seminar “Mathematics for Engineers”, HKBK College of Engg, Sept 01, 2012
41	Two days staff development programme, “Advanced Graph Theory in Engineering”, CMR institute of technology, Aug 01, 2009.
42	S.Sreelakshmi”, attended One Day Workshop on “ Financial Planning for Uncertain Future” , 21st NOV 2015, at HKBK College of Engineering, Bengaluru
43	“S.Sreelakshmi”, attended Two Day FDP on “ Synergy in Engineering Mathematics” , 25th & 26th Jan 2016, at HKBK College of Engineering, Bengaluru.
44	“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
45	“S.Sreelakshmi”, attended one week FDP on “ LATEX” , 22nd to 26th June 2017, at HKBK College of Engineering, Bengaluru.
46	“S.Sreelakshmi”, attended Two day FDP on “ Research Methodologies, Incubation & Patenting” , 29th to 30th June 2017, at HKBK College of Engineering, Bengaluru.
47	“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.
48	“S.Sreelakshmi”, attended Three day FDP on “Wireless Communication”, 29th to 31st Jan 2018, at

		HKBK College of Engineering, Bengaluru
49		“S.Sreelakshmi”, attended two day workshop on “MOODLE”, 24th and 25th April 2018, at HKBK College of Engineering, Bengaluru.
50		“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.
51		“S.Sreelakshmi”,attended FDP on “ Research Methodology” , 26th OCT 2019, at HKBK College of Engineering, Bengaluru.
52		“S.Sreelakshmi”,attendedthree day FDP on “Microsoft Office”, 17th – 19th July 2019 at HKBK College of Engineering, Bengaluru.
53		“S.Sreelakshmi”, attendedfive day FDP on “ Develop the Next Generation of Engineering Educators” , 5th Dec – 9th Dec 2019, at HKBK College of Engineering, Bengaluru
54		“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
55		“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.
56		“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.
57		“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.
58		"S.Sreelakshmi", participated in one Week Online FDP on "NBA and NAAC Accreditation Process" from June 04 - June 08, 2020, organized by MSRIT, Bengaluru.
59		"S.Sreelakshmi", participated in Five day Online FDP on "Outcome Based Education and Accreditation Process" from May25–May 29, 2020, organized by IILM College of Engineering & Technology.
60		"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.
61		"S.Sreelakshmi", participated in one Week Online Workshop on "MATLAB Workshop with Application to Linear Algebra" from May 11 - May16, 2020, organized by BIT, Bengaluru.
62		"S.Sreelakshmi", Successfully completed –TEQIP-III supported National level Capacity building programme ' e-Shodhyatra: Emerging trends & Technology in Scholarly Communication", between 23 rd Nov to 4 th DEC 2020 organised by ICT, Mumbai and VES College of Arts, Science & Commerce, Mumbai.
63		"S.Sreelakshmi", successfully completed one week Faculty Development Program on "ADVANCED PEDAGOGICAL TECHNIQUES " organized by Teaching Learning Centre, Ramanujan College - University of delhi under the aegis of Ministry of human resource development pandit madan mohan malaviya national mission on teachers AND TEACHING, between from October 29 - November 05, 2020 and obtained a grade A
64		"S.Sreelakshmi", successfully Participated in a 3 - Day Webinar on "Srinivasa Ramanujan - Life,

		Achievements And Impact On Modern World Of Science And Technology” from 22 - 24 , December - 2020, organized by Department of Mathematics, Sir.M.Visvesvaraya Institute of Technology, Bengaluru.
	65	“S.Sreelakshmi”, participated in AICTE Sponsored One Week Online STTP(Phase-III) On “Design of Experiments (DOE) & Optimization Techniques”, organized by the Department of Mechanical Engineering during 8th February2021 to 13th February 2021 by VEMU Institute of Technology, Tirupati.
	66	“S.Sreelakshmi”, participated in 5- day online workshop on awareness on national institutional ranking framework-nirf held from 15th - 19th February 2021 by Department Of Electronics & Communication, HKBK College Of Engineering
	67	“S. Sreelakshmi”, successfully completed by attending and completing 6 days Session and Assessment the AICTE sponsored onlineShort Term Training Programme (STTP) titled,“NLP Techniques forTeaching Gen Z Students: Rethinking new ways of communication”, organized by School of Management, Sri Ramakrishna College of Arts and Science, Coimbatore, from 04.01.2021 to 09.01.2021
	68	“S.Sreelakshmi”, participated in AICTE sponsored one week online short term training program on “Integral Transforms and their Applications”, organized by Department of Basic Science, Shri Vishnu Engineering College for Women, from 30 <sup>th</sup> Nov to 5 <sup>th</sup> Dec 2020.
	69	“S.Sreelakshmi”, participated in one day National webinar entitled “ E-learning, E-Content and Copyright issues”, Jointly organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, on 8 <sup>th</sup> sept 2020.
	70	“Sharmada.U “ attended Workshop on MOODLE , HKBKCE , 24th April to 25th April , 2018
	71	“Sharmada.U “ attended Workshop on New Model Curriculum for First Year BE-CBCS detailed Syllabus (2018-19) as per Outcomes-Based Education including Course Outcomes and Bloom’s



		Taxonomy, Bangalore Institute of Technology, 7th May 2018.
	72	“Sharmada.U “ attended FDP on Microsoft Office , Department of Information Science , HKBKCE, 17th July to 19th July 2019
	73	“Sharmada.U “ attended FDP on Research Methodology, Department of Civil / Chemistry, HKBKCE , 26th October 2019.
	74	“Sharmada.U “ attended FDP on Develop the next generation of Engineering educators , HR Department , HKBKCE from 12th December to 15th December 2019.
	75	“Sharmada.U “ 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.
	76	Sharmada.U participated in the Faculty development program on ‘You Tube essentials’ held on 25 <sup>th</sup> June , 2020 organised by Board of Industry – Academia Partnerships.
	77	Sharmada.U participated in a webinar on Vedic mathematics & Its Applications held on July 6 <sup>th</sup> 2020 by St.Joseph Engineering college , Mangalore
	71	Sharmada.U attended the online webinar on ‘Application of Probability and Statistics in Speech Recognition’ held on 11 <sup>th</sup> July 2020 by AMC Engineering College
	72	Sharmada.U participated in the Five day Faculty development program on Mathematical Concepts by using Free Open Source Softwares organized by the department Of Mathematics , BMSIT&M, Bengaluru held during 21 <sup>st</sup> to 25 <sup>th</sup> July , 2020
	73	Sharmada.U participated in the Five day online workshop on Awareness on National Institutional Ranking Framework -NIRF held from 15 <sup>th</sup> -19 <sup>th</sup> February 2021 by Department of Electronics & Communication , HKBK college of Engineering.

74	Sharmada.U attended online Webinar on ‘Mathematical Approaches in Science and Engineering’ held on May 22 <sup>nd</sup> 2021 by Department of Mathematics, Lords Institute of Engineering and Technology, Hyderabad.
75	Sharmada.U attended online Webinar on Higher Mathematics from May 25 <sup>th</sup> to May 27 <sup>th</sup> 2021 by Thiyaagi Dharmakkan Amritham College of Arts and Science.
76	Sharmada.U attended online Webinar on managing Covid-19 using Mathematical Modelling on May 28 <sup>th</sup> 2021 by St. Joseph Engineering College , Mangalore
77	Sharmada.U attended online Webinar on Role and Importance of Bio- Fluid Mechanics with Mathematical Tools on June 3 <sup>rd</sup> 2021 by Department of Mathematics, School of Basic Sciences, VELS institute of Science and Technology.
78	Sharmada.U attended online Webinar on Effect of Information Communication Technology tools among the academics on June 12 <sup>th</sup> 2021 by Sadakathulla Appa College , Rahmath Nagar, Tamilnadu.
79	Sharmada.U attended FDP on Assessment strategies for Higher order thinking from 5 <sup>th</sup> April to 8 <sup>th</sup> April 2021 by HKBK College of Engineering , Bangalore
80	Sharmada.U attended FDP on Role of Mathematics in Latest Engineering Trends from 4 <sup>th</sup> June to 10 <sup>th</sup> June 2021 by Department of Mathematics, Lords Institute of Engineering and Technology, Hyderabad.
81	Sharmada.U attended FDP on ICT tools for effective teaching learning from 8 <sup>th</sup> June to 10 <sup>th</sup> June 2021 by Kamala Nehru Mahavidyalaya , Nagpur
82	Sharmada.U attended FDP on Applicable Mathematics and Programming in Science and Technology from June 7 <sup>th</sup> to June 12 <sup>th</sup> 2021 by Department of Mathematics , Mohammed Sathak A J

		College of Engineering.
	83	Sharmada.U attended FDP on Innovative Teaching and Research in Science : Exploring the New Horizons from June 6 <sup>th</sup> to June 15 <sup>th</sup> 2021 by Science Forum in association with IQAC , Government First Grade College, Vijayanagara, Bangalore.
	84	Sharmada.U participated in special online lecture series on Applications of Mathematics in Engineering domains from 14 <sup>th</sup> to 20 <sup>th</sup> September 2021 held by St. Joseph College of Engineering , Mangalore
	85	Sharmada.U participated in International Conference on Recent Advances in Mathematics and Computational Optimizations from 26 <sup>th</sup> to 28 <sup>th</sup> October 2021 held by School of Computational and Integrative Sciences Jawaharlal Nehru University , New Delhi , India.
	86	Sharmada. U participated in One week International Faculty Development Program on “ the role of Linear Algebra in Machine learning , Artificial Intelligence and data Science “ from 29 <sup>th</sup> November to 3 <sup>rd</sup> December 2021 held by Mahatma Gandhi Institute of Technology, Hyderabad.
	87	Tejas attended FDP on Develop the next generation of Engineering educators ,HR Department, HKBKCE.
	88	Tejas Attended FDP on Microsoft office ,Department of Information of Science ,HKBKCE,17th July to 19th July 2019
	89	Tejas Attended FDP on Design & development of intelligent system concerned with medical diagnosis , Department of mathematics , CMRIT on 25 oct 2021 .
	90	Tejas Attended FDP on managing covid -19 using mathematical modeling , Department of business Administration ,St.joseph Engineering college on 28 may 2021
	91	“ Prakash M” attended Workshop “Mission10X”, Conducted by WIPRO , on 27 <sup>th</sup> feb-1 <sup>st</sup> march 2014.

92	“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
93	“Ramya H M” participated in the webinar on real life applications of mathematics Conducted by NGP Institute of technology on 1st july 2020
94	“Sowmya.T “ participated webinar on “Pandemic Covid-19 and Survival of indian MSMEs , by Glocal University ,Uttar Pradesh ,28 <sup>th</sup> June 2020
95	“Sowmya.T “ participated webinar on “Applications on Differential Equations.byCambridge Institute of Technology North Campus , Bengaluru, on 19 <sup>th</sup> June 2020
96	“Sowmya.T “ participated international webinar on“ How To Get Research Grants From UGC,AICTE, by MBITS ,Kerala , on 9 <sup>th</sup> June 2020
97	“Sowmya.T “ attended “ FDP on Develop the next generation of Engineering educators ,HR Department, HKBKCE 12 <sup>th</sup> Dec to 15 <sup>th</sup> Dec 2019
98	“Sowmya.T “ attended FDP on Microsoft Office , Department of Information Science , HKBKCE, 17th July to 19th July 2019
99	“Sowmya.T “ attended “ FDP on Emerging Trends in Mathematics and its applications, Department of Mathematics, Ramaiah Institute of Technology.28th Jan to 2nd Feb 2019
100	“Sowmya.T “ attended FDP on Avenue Research & Latex ,Department of Computer Science , Atria institute of technology ,1st Feb 2018 to 3rd Feb 2018 .
101	“Sowmya.T “ attended Workshop on Mathematical Thinking, Department of Mathematics, Atria institute of technology ,17october 2017

102	Prof. Sharmada.U has successfully completed the two days FDP on “Patentability Criteria and filing process in National and International Applications” held on 29-08-2022 and 30-08-2022 at HKBKCE.
103	Prof.Sharmada.U has attended National level 5 days online FDP on “ Intellectual property rights, research innovations and Entrepreneurship development from 12-12-2022 to 16-12-2022.
104	Prof. Sharmada .U has participated in one week international FDP on “ Mathematics in real , applied and computational domains” organized by Sathyabama institute of Science & Technology, Chennai from 03-07-2023 to 08-07-2023.
	1. Dr S Sreelakshmi, participated in a 5-Day International workshop on Applicable Mathematics for Science and Engineering - Recent Advances (AMSE - 2023) held at VIT-AP University, Andhra Pradesh, India during 16 – 20 February, 2023 organized by the Department of Mathematics, School of Advanced Sciences.
	Dr.S.Sreelakshmi , Assistant professor , Department of Mathematics , HKBK College of Engineering has participated in a Two Week Online International Faculty Development Programme on "Current Trends in Applications of Mathematics" , organized by the Department of Mathematics, School of Sciences and Humanities, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai-62, Tamil Nadu, India from 21-09-2022 to 04-10-2022.
	Dr.S.Sreelakshmi, has successfully completed Two Weeks “REFRESHER COURSE IN MATHEMATICS (Theme : Python & Vedic Mathematics)” organized during 13 - 26 July, 2023 and obtained Grade A+ by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, New Delhi.
	Dr.Rudresha.C Participated at the “Online Short-Term Course on Mathematical Modelling and Numerical Simulation (MMNS 2023)” held during 24 – 28, 2023 organised by the Department of Mathematics, Dr B. R. Ambedkar National Institute of Technology Jalandhar, Panjab.
	Dr. Rudresha.C Participated in the “5 Days Online Faculty Development Programme on Advanced and Technical Computing with Matlab” organised by the Department Mathematics, Presidency University, Bengaluru from 25 th to 29 th July 2023.

<b>PURSUING EDUCATION</b>		
	1.	Prakash. M “Pursuing “Python in data science” from IIT Bombay through NPTEL
	2.	Umme Salma Pursuing PhD in Graph theory from PES university Bengaluru.
	3.	Dr.S.Sreelakshmi, successfully completed NPTEL Course on “ Foundations of R Programming” in Jul – Oct 2022 and secured 69%.
<b>PUBLICATIONS</b>		
<b>INTERNATIONAL/NATIONAL JOURNALS</b>		
	1	<b>Dr C S Nagabhushana, Ksrinivasa rao</b> , some degree-based connectivity indices of Tad-pole Graph ,International journal of Innovative Technology and Exploring Engineering (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> ” <i>International e-Journal of Numerical Analysis and related Topics volume(6), March 2011, pp.9-27.ISSN:1687-787X</i>
10.	<b>H T Rathod, C S Nagabhushana</b>	“ <i>SYMBOLIC PROCESSING TO COMPUTE THE NEWTON COTES CLOSED FORMULAS OF HIGH ORDER</i> ” <i>International e-Journal of Numerical Analysis and related Topics volume(5), September 2010, pp.43-62.ISSN:1687-787X</i>
11	Dr.Ataulla,	"Wavelets in the Analysis of Autoregressive Conditional Heteroskedasticity (ARCH) Models using Neural Network". International Journal of Computer & Mathematical Science (IJCMS), ISSN 2347-8527, Volume 7, Issue 4. In the month of June-2018.
12	S.Sreelakshmi,	“A two-stage mutation stochastic model of carcinogenesis driven by a two level random environment” published in “International Journal of Mathematical, Engineering and Management Sciences”, 2020, 5(6), pp. 1392-1408.

	13	S.Sreelakshmi, “A two-stage mutation stochastic model of carcinogenesis driven by a three level environmental process”, published in “International Journal of Mathematical, Engineering and Management Sciences”, 2020, 5(6), pp. 1468-1487.
	14	Umme Salma <sup>1</sup> and Hadonahalli Mudalagiraiah Nagesh <sup>2</sup> ON EDGE IRREGULARITY STRENGTH OF SUNLET GRAPH published in BULLETIN OF THE INTERNATIONAL MATHEMATICAL VIRTUAL INSTITUTE ISSN (p) 2303-4874, ISSN (o) 2303-4955 www.imvibl.org /JOURNALS / BULLETIN Bull. Int. Math. Virtual Inst., 12(2)(2022), 213-217 DOI: 10.7251/BIMVI2202213S February :2022
	15	Umme Salma and H. M. Nagesh, A Note on Product Irregularity Strength of Graphs published in International J.Math. Combin. Vol.2(2023), 74-77
	16	Dr. S. Sreelakshmi, U. Sharmada published a paper on Performance Analysis of an M/M/1 Queue with Server in Differentiated Phase Subject to Customer Impatience, INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING ISSN: 0974-5823, Vol 7, Issue No. 4, April 2022.
	<b>PUBLICATIONS: NATIONAL/ INTERNATIONAL CONFERENCES</b>	
		Dr.S. Sreelakshmi and Prof.M. Prakash presented a paper on “Analysis of the system size of a M/M/C finite capacity queue with synchronised vacations and impatient customers”, in International Conference ICRTITA’22, Aug.30, 2022, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai.

1.	<b>Dr C S Nagabhushana,</b> 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.	<b>Dr C S Nagabhushana</b> Presented a paper titled “ <b>Hyper-Zagereb 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.
9.	“Analysis of the system size of a m/m/c finite capacity queue with synchronised vacations and impatient customers”, was presented in International conference ICRTITA'22, Aug.30, 2022, Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai.
<b>AWARDS AND RECOGNITIONS:</b>	
1.	<b>Prof. S.Sreelakshmi was awarded with Ph.D. in Nov 2021.</b>
2.	<b>Dr. S.Sreelakshmi received an award in the field of “Innovative Teaching” by Management of HKBKCE, in March 2022.</b>
3.	<b>Dr. C S Nagabhushana received Most Encouraging teacher award by management of HKBKCE on 05-09-2023</b>
4.	<b>Dr. S Sreelakshmi received Best teacher award by management of HKBKCE on 05-09-2023</b>
5.	<b>Dr. S Sreelakshmi received Most Approachable teacher award by management of HKBKCE on 05-09-2023</b>
6.	<b>Prof. Umme Salma received Best mentor award by management of HKBKCE on 05-09-2023</b>
7.	<b>Prof. Prakash.M received Best teacher award by management of HKBKCE on 05-09-2023</b>
8.	<b>Prof. Prakash.M received Best mentor award by management of HKBKCE on 05-09-2023</b>
9.	<b>Completed NPTEL FDP course on “Foundations of R Software” between July – OCT 2022.</b>
<b>PAPER PUBLISHED IN SCOPUS INDEX JOURNALS</b>	
1.	<b>Dr C S Nagabhushana, Ksrinivasa rao, some degree-based connectivity indices of Tad-pole Graph ,International journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN:2278-3075,Volume-8,Issue-2S6,August-2019</b>
2.	<b>Sreelakshmi.S, Two-Stage Mutation Stochastic Model of Carcinogenesis Driven by Two Level Random Environment</b>
3.	<b>Sreelakshmi.S, A Two-Stage Mutation Stochastic Model of Carcinogenesis Driven by Three Level</b>

		Random Environment
	4.	<b>Dr. Sreelakshmi, S.</b> published a paper titled “A two phase age dependent and two-mutation stochastic model of carcinogenesis”. TWMS Journal Of Applied And Engineering Mathematics, 12(4), 1512-1525, 2022.
	5.	<b>Umme Salma<sup>1</sup>, H. M. Nagesh<sup>2</sup> and D. Prahlad<sup>3</sup></b> , published a paper titled “A note on edge irregularity strength of firefly graph” Notes on Number Theory and Discrete Mathematics Print ISSN 1310–5132, Online ISSN 2367–8275 Vol. 20, 2023, No. 1, 147–153 DOI: 10.7546/nntdm.2023.29.1.147-153
		<b>Dr.Sreelakshmi.S</b> -“A two phase age dependent and two-mutation stochastic model of carcinogenesis”, published in Turkish World Mathematical Society Journal of Applied and Engineering Mathematics”, Nov 2022, 12(4), pp. 1512–1525.
		<b>Rudresha C., Balaji C., Vidya Shree V., and Maruthamanikandan S., (2023). Onset of Electroconvection in a Compactly Packed Dielectric Liquid-Permeable layer with a Modulated Electric Field, Journal of Physical Studies, 27(1), 1401. (Published)</b>
		<b>Balaji C., Rudresha C., Vidya Shree V., and Maruthamanikandan S., (2023). Thermomagnetic ferroconvection in an anisotropic permeable layer exposed to a modulated magnetic field. International Journal of Mathematics and Physics, 13(2), 58-67. (Published)</b>
	<b>PATENTS</b>	
	1.	<b>Dr.S.Sreelakshmi</b> got patent published  (a) Title of the Invention: “LAPLACE TRANSFORM IN SOLVING PARTIAL DIFFERENTIAL EQUATION IN THE SECOND DERIVATIVE AND ITS APPLICATION” with Application No.202221068103 A ,Publication Date : 02/12/2022
	2.	(b)Title of Invention: “ USING PROBABILITY DISTRIBUTIONS AND PROPORTION OF REJECTING A TRUE NULL HYPOTHESIS COMPARING THE SPURIOUS CORRELATION METHODS” with Application No. 202311003613 Publication Date: 27/01/23
	<b>BOOKS</b>	
	1.	<b>Dr.S.Sreelakshmi</b> authored book titled “Introduction to Big Data and Data Analytics using R”. ISBN Number: 978-93-5757-140-1
	2.	<b>Dr.S.Sreelakshmi</b> contributed a book chapter in “Recent trends in computational Intelligence and Applications”, a Taylor and Francis group publication.
	<b>STUDENT’S 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
		<b>The following students scored 100% marks in Engineering Mathematics subject</b>
	4.	<ol style="list-style-type: none"> <li>1. Amreen Khanum-1HK19IS014</li> <li>2. Shayan M Saquib Shaikh-1HK19CS139</li> <li>3. Sandeep Singh-1HK19CS128</li> <li>4. Diptesh Saha- 1HK18EC029</li> <li>5. Jasmitha – 1HK19CS112</li> <li>6. Mohammed Masi uzzama - 1HK20CS088</li> <li>7. Sharath Gowda C.K – 1HK22CS146</li> <li>8. Sunil. M.C – 1HK21EC130</li> <li>9. Nanda Kumar S – 1HK21EC078</li> </ol>





## **HKBK COLLEGE OF ENGINEERING**

**Department of Artificial Intelligence and Machine Learning**

**Mandatory Disclosure**

1	<b>Name of the Department</b>	<b>Artificial Intelligence and Machine Learning</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 (2021)		
	Year wise sanctioned intake	<b>2021-22</b>	2022-23	<b>2023-24</b>
		60	60	60
	Year wise Actual Admission	63	63	63
	Cut off marks –General Quota	L-38493	L-28978	
		67%	65.5%	67%
		H-175214	H- 170156	
	Students passed with distinction	-	-	-
	Students passed with first class	-	-	-
	Students Placed	-	-	-
	Average Pay package	-	-	-
	Students opted for higher studies	-	-	-
	Accreditation Status of the Course	NAAC : B		
	Doctoral Courses	No		
	Foreign Collaboration	No		
	Professional Society Membership	<b>Faculty : ISTE, IEEE, CSI</b> <b>College : IEEE ,CSI,ISTE Student Branch</b>		
	Consultancy Activities	No		
	Grants Fetched	Yes		

## I Student Development Program

### AY 2022-23

1	Seminar on “ <b>Design of Full Stack Development</b> ” 17th May to 23rd May 2023. Resource Person : Mr. Mohammed Rizwan, Software Engineering, Software AG, Chennai – The topics are technology related to full stack development, front end and back end framework.
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### AY 2021-22

1	
2	

<b>II</b>	<b>Funds Received (KSCST,VTU FOSS, VTU Projects of Under Graduate Final Year Students, etc.,)</b>
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### AY 2022-23

1	Nvidia awarded the dept with NVIDIA Jetson Developer Kit - GTC Registration attendance Award
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	Program for setting up embedded AI Lab in our the institution
<b>AY 2021-22</b>	
1	Nvidia awarded the dept with Academic Hardware Grant Program, for the project” GPU based personal emergency response system for intellectually disabled”
<b>III</b>	<b>Industrial Visit</b>
<b>AY 2022-23</b>	
1	
<b>AY 2021-22</b>	
1	First students, batch of 60 students with two faculty members of AI & ML want to visited the ISRO Satellite Centre (ISAC) on 7th December 2022
<b>IV Students Achievements</b>	
<b>1</b>	<b>Students Publications</b>
<b>2</b>	<b>Student Best Projects</b>
<b>3</b>	<b>Students Skilled NPTEL Online Certification Courses</b>
<b>4</b>	<b>Students Participation in Co curricular and Extra Curricular activities</b>
<b>AY-2022-23 Sports</b>	
1	As a part of the inter Department Annual sports Event, Nayeemunissa won the 2nd prize in Throw ball for Girls , which was held on December 2022.
2	As a part of the inter Department Annual sports Event, Nayeemunissa won the First prize in 100 metres slow bike race for Girls , which was held on December 2022.
3	As a part of the inter Department Annual sports Event, Nayeemunissa won the First prize in Discuss throw for Girls , which was held on December 2022.
4	As a part of the inter Department Annual sports Event, Nayeemunissa won 2nd prize in Shot put for Girls , which was held on December 2022
5	As a part of the inter Department Annual sports Event, Riya won the 1ST prize in Basketball for Girls , which was held on December 2022.
6	As a part of the inter Department Annual sports Event, Mohammed Hussain Junaidi, Amin Khan J, Anthony Melquier, Shakthi, Shrikanth, Dharmaraj, Ganesh, Daniyalwon the First prize in Basketball for Men, which was held on December 2022.
7	As a part of the inter Department Annual sports Event Misbah, Hanin, Vishmitha, Ayesha won the Third prize in 4x100 metres relay for Women, which was held on December 2022.
<b>AY-2021-22 Sports - Sports Annual data</b>	
1	As a part of the inter Department Annual sports Event, Nayeemunissa won the First prize in Discuss throw for Girls , which was held on December 2021.
2	As a part of the inter Department Annual sports Event, Nayeemunissa won 2nd prize in Shot put for Girls , which was held on December 2021.
<b>AY-2022-23 Calypso 2023</b>	
1	As a part of the Inter Department Event, Riya Kumari and Hannin Kaleem Pashawon won the first prize in Rangoli Free Hands , which was held on March 24, 2023.

2	As a part of the Inter Department Event, Mohammad Hussain Junaidi and Hannin Kaleem Pasha won the Second prize in Quiz Competition , which was held on March 25, 2023.
3	As a part of the Inter Department Event, Sayeeda Misba ilayas and Rabiya Taskeen won the First prize in Dumb Charades Competition , which was held on March 27, 2023.
4	As a part of the Inter Department Event, Ifra kaunain and Huzaifah Fathima won the First prize in Cooking without fire Competition , which was held on March 20, 2023.
5	As a part of the Inter Department Event, Vismitha v poojary won the Third prize in Classical Dance Solo , which was held on March 28, 2023.
6	As a part of the Inter Department Event, Jennifer Amrit Raj won the First prize in Non Classical Dance Solo , which was held on March 28, 2023.
7	As a part of the Inter Department Event, Hemanth.R, Alok G Bongale, Anthony Melquier, Purnima R, Riya, Vishmitha V Poojary won the Second prize in Non-Classical Dance Group , which was held on May 31, 2023.
8	As a part of the Inter Department Event, Sayeeda Misba ilayas and Saritha patel won the Second prize in Rangoli Dots , which was held on March 24, 2023.

## **5 Distinguished Alumni**

## **V EVENTS ORGANIZED**

### **Faculty Develop Programme Conducted**

### **Faculty Development Program : WORKSHOP/TECHNICAL TALK/FDP ATTENDED**

### **AY 2022-23**

1	Prof.Afroz pasha completed the. AICTE-VTU Joint Teachers Training Programme On " <b>Introduction To Cyber Security</b> " From 05 <sup>th</sup> to 9 <sup>th</sup> June 2023
2	Prof.Afroz pasha completed the AICTE-VTU Joint Teachers Training Programme On " <b>Introduction to Python Programming &amp; Its Applications</b> " From 22 <sup>th</sup> to 26 <sup>th</sup> June 2023
3	Prof.Afroz pasha completed the AICTE-VTU Joint Teachers Training Programme On " <b>Fundamentals of Data Science &amp; Analytics</b> ". From 17 <sup>th</sup> to 21 <sup>th</sup> April 2023
4	Prof.Afroz pasha completed the AICTE-VTU Joint Teachers Training Programme On " <b>Introduction to Internet of Things (IoT)</b> ". From 6 <sup>th</sup> to 12 <sup>th</sup> July 2023
5	Prof.Afroz pasha completed the Participated " <b>AI/Machine Winter School 2022</b> " from December 12 to December 23, 2022, sponsored residential Workshop in <b>Infosys Campus, Mysore</b> organised by chief sponsor Infosys, Instructional organisers Sanjeev Arora, <b>Princeton University U.S.A &amp; Ashoka University India</b>
6	Prof.Afroz pasha completed the " <b>Block Chain</b> " Faculty Development Program from 20 <sup>th</sup> to 24 <sup>th</sup> March 2023 organized by E & ICT Academy, <b>IIT Kanpur India</b> .
7	Prof.Afroz pasha completed the " <b>Machine Learning</b> " Faculty Development Program from 27 <sup>th</sup> Mar to 2 <sup>th</sup> April 2023 organized by E& ICT Academy, <b>IIT Kanpur India</b>
8	Prof.Afroz pasha completed the " <b>Applications Of Power Electronics in Smart Grid, RES, &amp; Industrial Drives</b> " organized by PESITM Shivmogga from 15- 09-2023 to 19-09-2023

9	Prof.Afroz pasha completed the“Research Opportunities In AI, ML & IOT In the Field of Electrical Engineering”. organized by GMIT KOLKATA from 08-02-2023 to14-02-2023.
10	Prof.Krishnaranjani completed the AICTE-VTU Joint Teachers Training Programme On <b>"Introduction to Internet of Things (IoT)". From 6<sup>th</sup> to 12<sup>th</sup> July 2023</b>
11	Prof.Krishnaranjani completed Intel India Education Conclave the Programme On <b>"Generative AI &amp; Industrial IOT” on November 3rd and 4th, 2023.</b>
12	Prof.Krishnaranjani completed NVIDIA FDP Programme On <b>"OPen AI- Medical Imaging AI Factory” on October 4th , 2023.</b>
<b>AY 2021-22</b>	
1	Prof.Afroz pasha completed the AICTE Training And Learning (ATAL) Academy Online Elementary FDP on <b>"System Control &amp; Computational Intelligence"</b> from 04/10/2021 to 08/10/2021 at National Institute Of Technology Durgapur . Certificate No: ATAL/2021/163091237
2	Prof.Afroz pasha completed theAICTE Training And Learning (ATAL) Academy Online Elementary FDP on <b>"Electric Vehicles: Challenges and Opportunities in Future India"</b> from 20/09/2021 to 24/09/2021 at Rmk College Of Engineering And Technology Certificate No: ATAL/2021/1631528591
3	Prof.Afroz pasha completed the AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Five-day online FDP on <b>“Electric Vehicles &amp; Energy Storage Systems Integrated With Renewable Energy Sources”</b> from 23/08/2021 to 27/08/2021 at Sri Vasavi engineering college. Certificate No: ATAL/2021/1629179854
4	Prof.Afroz pasha completed theAICTE Training And Learning (ATAL) Academy Online Advanced FDP on <b>"Electric Vehicle Technology: Challenges And Business opportunity"</b> from 08/11/2021 to 12/11/2021 at National Small Industries Corporation Certificate No: ATAL/2021/1631527793
<b>AY 2022-23(International conference)</b>	
1	Prof.Afroz pasha published “A Fiber-Wireless Monitoring System with a QoE Instrument for Smart Grid Technology” 2023Second International Conference on Electronics and Renewable Systems (ICEARS)2-4 March 2023, Author(s): Husna Tabassum, Surat Pyari Atti, Afroz pasha. Link: <a href="https://ieeexplore.ieee.org/document/10085662">https://ieeexplore.ieee.org/document/10085662</a>
2	Prof.Afroz pasha published <b>“Efficient Digital Cluster Scheme to Improve the Lifetime Ratio of Wireless Sensor Networks”</b> 2023 International Conference on Smart Systems for applications in Electrical Sciences (ICSSSES)Author(s): Soni M, Akshatha Bhat, sachin a, Afroz Pasha, Yousuf Madar R and Niranjana L.
3	Prof. Tabassum Ara (2023). "Peli-Remo Optimization Algorithm for Reliable routing in MANET: K-means node clustering process and CNN based Energy Prediction." Journal of Propulsion Technology, 44(4), 3353-3371. DOI: Tuijin Jishu/Journal of Propulsion Technology, 2023.
4	Prof. Tabassum Ara (2023). "An Intelligent Healthcare System for Quadriplegia Patients using Internet of Things and Machine Learning." International Neurology Journal, 27(4), 1-11. Published by The Korean Continence Society.
<b>AY 2021-22(International Journal)</b>	

1	Modeling Cognitive System with Applied Machine Learning in Additive Manufacturing using Fifth Generation Computer Systems. R Krishnaranjani, Published under license by IOP Publishing Ltd in the Journal of Physics: Conference Series, Volume 2115. Presented at the Second International Conference on Robotics, Intelligent Automation and Control Technologies (RIACT 2021)
2	Prof. Tabassum Ara (2022) "Lightweight Multifactor Authentication Protocol for Secure Wireless Medical Sensor Networks." Design Engineering, 2022(1), Volume 1.
3	Prof. Tabassum Ara (2022), "LEES: a hybrid lightweight elliptic ElGamal-Schnorr-based cryptography for secure D2D communications." Journal of Telecommunications and Information Technology, Issue 2, pp. 24-30. Published by Instytut Łączności-Państwowy Instytut Badawczy.
4.	Prof. Tabassum Ara (2022), "Fault Prediction in Wireless Sensor Networks using Soft Computing." In 2020 International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE) (pp. 532-538). IEEE.
<b>AY 2019-20(International Journal)</b>	
1	Prof. Tabassum Ara (2020), "Edge Data Security for RFID-based Devices." In 2020 International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE) (pp. 272-277). IEEE.
2	Prof. Tabassum Ara (2020) "Any Time Medicine Dispenser Machine." International Scientific Journal of Contemporary Research in Engineering Science and Management, 5(2), pp. 103-107.
3	Prof. Tabassum Ara (2020), "Personal Emergency Response System: A Survey On Various Approaches." International Scientific Journal of Contemporary Research in Engineering Science and Management, 5(2).
4	Prof. Tabassum Ara (2020). "Density-Based Traffic Congestion Control Using Image Processing." International Scientific Journal of Contemporary Research in Engineering Science and Management, 5(1), pp. 1-6.
5	Prof. Tabassum Ara (2019). "Malcom, The Threat Information Sharing Platform." International Scientific Journal of Contemporary Research in Engineering Science and Management, 4(1), pp. 21-27.
6	Prof. Tabassum Ara (2019). "Multifactor Authentication and Key Management Protocol for WSN-assisted IoT Communication." Journal of Telecommunications and Information Technology, Issue 3, pp. 17-26. Published by Instytut Łączności-Państwowy Instytut Badawczy.
<b>AY 2018-19(International Journal)</b>	
2	
6	
<b>AY 2017-18(International Journal)</b>	
1	
2	
<b>AY 2016-17(International Journal)</b>	
1	
2	
<b>AY 2015-16(International Journal)</b>	



<b>AY 2015-16(International Journal)</b>	
1	
2	
<b>Research Grants</b>	
<b>PATENTS -Status (applied/published/granted) – 10 #</b>	
1	Prof.Afroz pasha - Intelligent digital door lock system with facial recognition built on the internet of things Publication Number 12/2023, No. 202341016646 Indian Patent Applied
2	Prof. Krishnaranjani - Conversational AI based medicine tracking and dispenser system - Indian under AIMS Medical Center Patent Applied
3.	Dr. Tabassum Ara - artificial intelligence based wind solar diesel hybrid electric vehicle Publication date: 15-4-2022 - Indian Patent Published
4	Dr. Tabassum Ara - Air Quality prediction based Big Data analytics and Deep Learning  Publication Date: 16-12-2022 - Indian Patent Published
5	Dr. Tabassum Ara- An apparatus and method based and dynamic key dependency S-Box for symmetreic encryption in wireless networks using symmetric ciphers.Australian Patent Number : 2018101651- Granted
6	Dr. Tabassum Ara - Versatile short range remote sensing system for precision agriculture- German Patent - Granted
<b>FUNDS/GRANTS (Applied)- VGST 7.5 L applied</b>	
<b>MoUs Signed Companies and Events - 12#</b>	
1. US technology private limited	
<b>Faculty Online FDP Attended AY 2019-20</b>	

<b>Nam e of the Facul ty</b>	<b>Title FDP,Webinar,Online Certification Courses(NPTEL,Ude my, coursera,Skillscounter</b>	<b>Date- Month- year</b>	<b>Place/Host</b>	<b>Google Drive URL for certificate</b>
Mr. Asgh ar Pasha	1. Webinar on “Business Intelligence and its Applications ”	5th May	S.E.A College of Engineering and Technology, Bangalore- 560049	<a href="https://drive.google.com/drive/folders/1HoLP0IQCd9DjuYy1644bV6Pv5aboD8pa?usp=sharing">https://drive.google.com/drive/folders/1HoLP0IQCd9DjuYy1644bV6Pv5aboD8pa?usp=sharing</a>

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