



HKBK COLLEGE OF ENGINEERING

Name of the College / Institute:	HKBK College of Engineering
Telephone Number:	Fax No: 080-25443813
E-mail:	info@hbkeducation.org
Website:	www.hbkeducation.org
Address:	# 22/1, Nagawara, Bangalore - 560045.
Location Taluk/ District:	Bangalore
Name of the Principal:	Dr. Tabassum Ara
Area of Specialization:	Computer Science Engineering.
Ph. No.:	8971079936
Type of College:	Un-aided Religious Minority
Type of College (Day / Evening College):	Day
Year of Establishment:	1997
Recognition Under 2(f), 12(B):	Applied



HKBK COLLEGE OF ENGINEERING

PROGRAMS OFFERED

Sl. No.	Program Offered		Year of Est	NBA	NAAC
1	UG	Computer Science Engineering	1997	2015 -2017	2017-2022
		Information Science Engineering	1997	2015 -2017	
		Electronics and Communication Engineering	1997	2015 -2017, 2019-22, 22-25	
		Mechanical Engineering	1997	2015 -2017	
		Civil Engineering	2012	Nil	
		Electrical and Electronics Engineering	2002	2015 -2017	
		Artificial Intelligence and Machine Learning	2021	Nil	
2	PhD	Computer Science Engineering	2014	Nil	
		Electronics and Communication Engineering	2014	Nil	
		Mechanical Engineering	2014	Nil	
		Civil Engineering	2014	Nil	
		Master of Business Administration	2012	Nil	
		Physics	2014	Nil	
		Chemistry	2015	Nil	
		Mathematics	2014	Nil	



HKBK COLLEGE OF ENGINEERING

NUMBER OF STUDENTS ON ROLLS

Program		I Year	II Year	III Year	IV Year
UG	CSE	190	197	183	193
	ISE	126	127	110	120
	E&C	188	152	51	86
	ME	17	15	27	40
	CIV	0	0	15	37
	AIML	63	57	-	-



HKBK COLLEGE OF ENGINEERING

RESEARCH GUIDE DETAILS

Sl. No.	Name	VTU			Other University		Total no. of Candidates	
		Department / Research Centre	No. of Candidates Registered	No. of Ph. D awarded	No. of Candidates Registered	No. of Ph. D awarded	Registered	Awarded
1.	Dr. Syed Mustafa	CSE	3	01	-	-	3	1
2.	Dr. Sharadha K A	CSE	2	-	-	-	2	-
3.	Dr. Deepak N R	CSE	2	-	-	-	2	-
4.	Dr. Nandhagopal S M	CSE	-	-	-	-	-	-
5.	Dr. Balaji Vijayan	CSE	-	-	-	-	-	-
6.	Dr. C S Nagabhushana	Mathematics	1	0	0	0	1	0
7.	Dr. Chandrakumar. K	Physics	1	0	0	0	1	1
8.	Dr. Syed Abu Sayeed Mohammed	Civil	4	1	0	0	4	1
9.	Dr. Latha R	ECE	-	-	-	-	-	-
10.	Dr. Suraiya Tarannum	ECE	6	4	-	-	6	4
11.	Dr. Y N Mamatha	ECE	1	-	-	-	-	-
12.	Dr. Venkatesan C	ECE	-	-	-	-	-	-
13.	Dr. B P Pradeep Kumar	ECE	-	-	-	-	-	-
14.	Dr. Maaz Ahmed	ECE	3	-	-	-	3	-
15.	Dr. Basawaraj	Mechanical	1	-	-	-	1	-
16.	Dr. Sanaulla P F	Chemistry	2	0	0	0	2	0



HKBK COLLEGE OF ENGINEERING

DETAILS OF TEACHING STAFF

Sl. No.	Designation	No. of Teachers
1	Professors	18
2	Associate Professor	20
3	Assistant Professor	89
	Total	127

DETAILS OF NON-TEACHING STAFF

No. of male staff	No. of female Staff	Total
64	37	101



HKBK COLLEGE OF ENGINEERING

CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NO. OF BOOKS AND RESEARCH PAPERS PUBLISHED, NO. OF CONFERENCES / SEMINARS ATTENDED / CONDUCTED ETC

No. of Books Published	No. of Research Paper Published	No. of Conference / Symposium / Seminar conducted by the College	No. of Conference / Symposium / Seminar attended by the teachers	No. of invited Lectures delivered by the Teachers
8	136	15	67	4



HKBK COLLEGE OF ENGINEERING

BOOKS PUBLISHED BY FACULTY

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s
1.	Bio Medical Image Processing	Dr. Sharadha and Dr. R. G. Vidhya	2022	Notion Press
2.	Innovation and Entrepreneurship	Prof. R Vadivel	2022	Arinna Publishers
3.	Computer Architecture and Organization	Dr. D. Loganathan Dr. Thenmozhi	2022	R. K. Publications
4.	Network Security and Cryptography	Prof. Sonia Maria D'Suoza Dr. Komala C R	2022	Scientific International Publishing Home
5.	Machine Learning-Integrated IoT-Based Smart Home Energy Management System	Dr. Komala C R	2023	Handbook of Research on Deep Learning Techniques for Cloud-Based Industrial IoT
6.	Experimental Investigation on Schema Based Peer-to -Peer data integration process	Dr. Komala C R	2022	Smart Computing Technologies/ESN Publications
7.	Vehicular Ad Hoc Networks	Dr. Komala C R	2022	Textbook /Notion Press
8.	Industrial Safety	Dr. Salim Sharieff, Dr. Nadeem Pasha K	2022	Scientific International Publishing House
9.	Renewable Energy and Resources	Dr. Salim Sharieff, Dr. Nadeem Pasha K	2023	Scientific International Publishing House



HKBK COLLEGE OF ENGINEERING

RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS & CONFERENCES

Sl. No.	Title Of Paper	Name Of The Author/S	Department Of The Teacher	Name Of Journal	Year Of Publication
1.	Leaching Test Protocols To Evaluate Contaminant Response Of Nano-Calcium Silicate-Treated Tropical Soils	Dr. Syed Abu Sayeed Mohammed	CIVIL	Journal Of Hazardous, Toxic, And Radioactive Waste	2023
2.	“Analysis Of The System Size Of A M/M/C Finite Capacity Queue With Synchronised Vacations And Impatient Customers”	S. Sreelakshmi, Prakash M	Engineering Mathematics	Conference Proceedings Series On Intelligent Systems, Data Engineering, And Optimization	2023
3.	A Study On Two-Warehouse Inventory Systems With Integrated Multi-Purpose Production Unit And Partitioned Rental Warehouse	S. Sreelakshmi	Engineering Mathematics	Mathematics	2023
4.	Domination Parameter Of Book Graph B_m	C. S. Nagabhushana	Engineering Mathematics	International Journal Of Mathematics Trends And Technology	2023
5.	Zagreb Indices Of Lollipop Graph	Nagabhushana C S	Engineering Mathematics	International Journal Of Creative Research Thoughts	2023
6.	Zagreb Indices For The Hanging Cycle Graph H	Nagabhushana C S	Engineering Mathematics	International Journal Of Engineering Research And Applications	2023
7.	On Edge Irregularity Strength Of Sunlet Graph	Umme Salma	Engineering Mathematics	Bulletin Of The International Mathematical Virtual Institute	2022
8.	A Note On Product Irregularity Strength Of Graphs	Umme Salma	Engineering Mathematics	International J. Math. Combin	2023
9.	A Note On Edge Irregularity Strength Of Firefly Graph	Umme Salma	Engineering Mathematics	Notes On Number Theory And Discrete Mathematics	2023



HKBK COLLEGE OF ENGINEERING

10.	Onset Of Electroconvection In A Compactly Packed Dielectric Liquid-Permeable Layer With A Modulated Electric Field	Rudresha C	Engineering Mathematics	Journal Of Physical Studies	2023
11.	Thermomagnetic Ferroconvection In An Anisotropic Permeable Layer Exposed To A Modulated Magnetic Field	Rudresha C	Engineering Mathematics	International Journal Of Mathematics And Physics	2023
12.	Effect Of Electric Field Modulation On Electroconvection In A Dielectric Fluid-Saturated Porous Medium	Rudresha C	Engineering Mathematics	Journal Mines Metals And Fuels	2022
13.	Effect Of Electric Field Modulation On The Onset Of Electroconvection In A Couple Stress Fluid	Rudresha C	Engineering Mathematics	East European Journal Of Physics	2022
14.	Effect Of Electric Field Modulation On The Onset Of Electroconvection In A Dielectric Fluid Anisotropic Porous Layer	Rudresha C	Engineering Mathematics	Journal Of Computational Applied Mechanics	2022
15.	Effect Of Magnetic Field Dependent Viscosity On Darcy-Brinkman Ferroconvection With Maxwell Cattaneo Law	Rudresha C	Engineering Mathematics	East European Journal Of Physics	2022
16.	Ferrohydrodynamic Instability Of A Couple Stress Magnetic Fluid Layer Under The Influence Of Time-Dependent Sinusoidal Magnetic Field	Rudresha C	Engineering Mathematics	Iraqi Journal Of Applied Physics	2022
17.	Ferroconvection In A Sparsely Distributed Porous Medium With Time-Dependent Sinusoidal Magnetic Field	Rudresha C	Engineering Mathematics	Journal Of Mines, Metals And Fuels	2022
18.	Effect Of MFD Viscosity On Ferroconvection In A Fluid Saturated Porous Medium With Variable Gravity.	Rudresha C.	Engineering Mathematics	Journal Of Mines, Metals And Fuels	2022
19.	Effect Of Magnetic Field Modulation On Benard-Taylor Ferroconvection	Rudresha C	Engineering Mathematics	Journal Of Physical Studies	2023
20.	Anisotropic Darcy Brinkman Magnetic Field Convection Under The Influence Of A Time Dependent Sinosoidal Magnetic Filed	Rudresha C	Engineering Mathematics	Ukrain Journal Of Physics	2023



HKBK COLLEGE OF ENGINEERING

21.	“A Two Phase Age Dependent And Two-Mutation Stochastic Model Of Carcinogenesis”	S. Sreelakshmi	Engineering Mathematics	Turkish World Mathematical Society Journal Of Applied And Engineering Mathematics	2022
22.	Effect Of Electric Field Modulation On Electroconvection In A Dielectric Fluid-Saturated Porous Medium	Rudresha C., Balaji C., Vidya Shree V., And Maruthamanikandan S	Engineering Mathematics	Journal Mines Metals And Fuels	2022
23.	Innovative Cost Estimation For Agile Technology: A Novel Energy Storage Technique Incorporating Modified Planning Poker	Dr. Komala C R	ISE	International Journal Of Renewable Energy Research	2023
24.	Multi-UAV Computing Enabling Efficient Clustering-Based Iot For Energy Reduction And Data Transmission	Dr. Komala C R	ISE	Journal Of Intelligent & Fuzzy Systems, IOS Press	2023
25.	OPTIMIZED ALGORITHMS FOR BCI APPLICATIONS	Dr. Komala C R	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
26.	Implementation Of Multimedia Generation Using Deep Learning And Neural Network	Dr. Komala C R	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2023
27.	Sensing And Predictive Analysis Of Indoor Air Quality Based On Internet Of Things: A Covid-19 Perspective	Dr. Komala C R	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
28.	A Covid-19 Perspective On Indoor Air Quality Based Oninternet Of Things	Dr. Komala C R	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
29.	Optimized Algorithms For BCI Applications	Dr. Komala C R	ISE	International Journal Of Research And Analytical Reviews(IJRAR)	2023
30.	Recent Advancement In Prediction And Analyzation Of Brain Tumor Using The Artificial Intelligente Method	Naheem M R	ISE	SAMARAK ILUM Publishing	2023
31.	Dream Track A Smart Monitoring And Analysis Of Sleep Pattern	Sneha K	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023



HKBK COLLEGE OF ENGINEERING

32.	Smart Cap For Visually Impaired People Using Raspberri Pi	T.Godhandaraman	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2023
33.	Wearable Speech Based Feedback System For Visually Impaired People Using Computer Vision	T.Godhandaraman	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2023
34.	A Water Quality Detector Using Iot	Dr.V.Balaji Vijayan	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
35.	Water Quality Detection And Bill Generation System	Dr.V.Balaji Vijayan	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
36.	Automatic License Number Plate Recognition System(ALNPR)	T.Godhandaraman	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2023
37.	Automatic License Number Plate Recognition System(ALnpr)	T.Godhandaraman	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
38.	Superheterodyne Frequency Modulation Radio Receiver Using IOT Implementation Paper	Dr.V.Balaji Vijayan	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
39.	Superheterodyne Frequency Modulation Radio Receiver Using Iot Implementation Paper	Dr.V.Balaji Vijayan	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
40.	Survey On Soldier Health Monitoring And Tracking System Using Iot	Dr.V.Balaji Vijayan	ISE	International Journal Of Enhanced Research In Educational Development (IJERED)	2023



HKBK COLLEGE OF ENGINEERING

41.	A Mobile App For A Smart Helmet For Coal Mining Safety Monitoring	Dr.V.Balaji Vijayan	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
42.	Multi-Level Graded Facial Emotion Intensity Recognition Using MCANN For Health Care	Dr. Syed Mustafa	ISE	Intelligent Decision Technologies, Vol. 17, No. 2, Pp. 331-341, 2023	2023
43.	An Enhanced Virtual Try On Space Using Virtual And Augmented Reality With Machine Learning	Dr. Syed Mustafa	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2023
44.	Implementation Of Automatic Music Playlist Library Recommendation Algorithm Based On Facial Micro-Expression Recognition	Dr. Syed Mustafa	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
45.	The Night Patrolling Robot	Sreekantha B	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2023
46.	Implementation Of Machine Learning Technique For Identification Of Yoga Poses	Sreekantha B	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
47.	Augmented Reality With Internet Of Things	Naheem M R	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
48.	Deep Learning For Covid 19 And Pneumonia Detection Using Chest X-Ray Images	Naheem M R	ISE	International International Journal Of Advanced Research In Science, Communication And Technology (IJARSCT)	2023
49.	Personal Career Recommendation System	Anusha K V	ISE	International International Journal Of Advanced Research In Science, Communication And Technology (IJARSCT)	2023
50.	Smart Safety Monitoring System For Sewage Workers With Two Way Communication	Usman Aijaz N	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2023



HKBK COLLEGE OF ENGINEERING

51.	Smart College Assistant With Speech Recognition And Computer Interface	Dr. S Tamilarasan	ISE	International Journal Of Advanced Research In Science, Communication And Technology (IJARSCT)	2023
52.	Sign Language Detection	Dr. S Tamilarasan	ISE	International Journal Of Advanced Research In Science, Communication And Technology (IJARSCT)	2023
53.	Survey On Early Flood And Victim Detection Using Deep Learning With Embedded Iot	Prof.Sharavana K	ISE	International Research Journal Of Modernization In Engineering Technology And Science	2023
54.	Survey On Early Flood And Victim Detection Using Deep Learning With Embedded Iot	Prof.Sharavana K	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2023
55.	Smartcity Cleanliness Detection And Monitoring	Prof.Sharavana K	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2023
56.	Prediction And Computation Of Future Stock Price Value Using Time Series	Prof.Sharavana K	ISE	International Journal Of Research And Analytical Reviews (IJRAR)	2022
57.	Forecasting Future Stock Prices Through Time Series Analysis	Prof.Sharavana K	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2023
58.	Realtime Wireless Embedded Electronics For Soldier Security	Prof.Sharavana K	ISE	International Journal Of Scientific Research In Engineering And Management (IJSREM)	2023
59.	Realtime Wireless Embedded Electronics For Soldier Security	Prof.Sharavana K	ISE	International Journal Of Scientific Research In Engineering And Management (IJSREM)	2023
60.	My-Sr Next Gen Automated Gas Safety System Using Iot	Dr. Komala C R	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2022



HKBK COLLEGE OF ENGINEERING

61.	Design Of Multi Model Interface To Establish Communication Among Differently Abled People Using Iot	Dr. Komala C R	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2022
62.	Detection Of Adulteration In Fruits Using Machine Learning	Asghar Pasha,Sneha K	ISE	International Journal Of Current Science	2022
63.	Gesticulation Recognition Into Text And Speech For Native Sign Language	Soumyashree Pattar, Sneha K	ISE	Journal Of Emerging Technologies And Innovative Research (JETIR)	2022
64.	In-Depth Study Of Zinc Nanoferrite Particles At Different Calcination Temperatures And Their Behaviour In Presence Of Electrical And Magnetic Fields	Dr. Mohsina Taj	Physics	Journal Of Magnetism And Magnetic Materials	2023
65.	Synthesis, Crystal Structure, DFT, Hirshfeld Surface And Molecular Doping Of A Novel Chalcone Derivative(E)-3-(2-Chlorophenyl)-1-(2-Fluoro-4-Methoxyphenyl)Prop-2-En-1-One	Dr. Chandrakumar K	Physics	European Chemical Bulletin	2023
66.	Evolution Of Physicochemical Properties Of 2-(2-(4-(4-Chloro)Phenyl)Vinyl)-1, 1, 3-Trimethyl-1-H-Benzo[E]Indolium Iodide Via Experimental And Quantum Chemical Calculation For Third Harmonic Generation Applications	Dr. Shivaraj Maidur	Physics	Journal Of Molecular Structure	2022
67.	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	Dr. Shivaraj Maidur	Physics	Journal Of Molecular Structure	2022



HKBK COLLEGE OF ENGINEERING

68.	Design And Development Of Iot Based Multi Degree Fire Extinguisher	Dr. Younus Pasha, Dr. Salim Sharieff	ME	Journal Of Emerging Technologies And Innovative Research	2023
69.	Piezoelectric Power Generation In E Scooter	Dr. Nadeem Pasha K, Dr. Salim Sharieff	ME	Journal Of Emerging Technologies And Innovative Research	2023
70.	Oxygen Concentration Generator Using Psa	Ramachandra Kulkarni	ME	Journal Of Emerging Technologies And Innovative Research	2023
71.	Integration Of Piezoelectric Power In E Scooter	Dr. Nadeem Pasha. K	ME	Journal Of Emerging Technologies And Innovative Research	2023
72.	Fabrication Of Light Weight Cost Effective E-Scooter	Dr. Salim Sharieff	ME	Journal Of Emerging Technologies And Innovative Research	2023
73.	Self Regenerating Electric Green Bike	Nehal Ahmad, Dr. Salim Sharieff,	ME	Journal Of Emerging Technologies And Innovative Research	2023
74.	Design, Fabrication And Analysis Of River Debris Cleaner Machine	Mohammed Yaseer Pasha, Salim Sharieff,	ME	Journal Of Emerging Technologies And Innovative Research	2023
75.	Design And Development Of Semi Automatic Coconut Decorticating Machine	Prof. Abdul Mujeeb N, Dr. Salim Sharieff,	ME	Journal Of Emerging Technologies And Innovative Research	2023
76.	Design & Optimisation Of Versatile Treadmill	Nehal Ahmad	ME	International Journal Of Scientific Research And Engineering Development	2023
77.	3D Modeling And Fabrication Of Seed Sowing Equipment	Prof Ramachandra Kulkarni	ME	International Journal Of Scientific Research And Engineering Development	2023
78.	3D Modeling And Fabrication Of Seed Sowing Equipment	Prof Dinesh H A	ME	International Journal Of Scientific Research And Engineering Development	2023
79.	Nature Inspired Data Placement Strategy In Distributed Cloud Environment Using Improved Firefly Algorithm	Prof. Najmusher H	CSE	International Journal Of Electronics And Communication Engineering	2023



HKBK COLLEGE OF ENGINEERING

80.	Living With Epilepsy During COVID-19 Pandemic Restrictions: A Longitudinal Perspective	Dr.Smitha Kurian	CSE	Epilepsy & Behavior	2023
81.	A Survey On Artificial Intelligence Image Recognition Method Based On Convolutional Neural Network Algorithm	Prof. Najmusher H	CSE	HBRP	2023
82.	Relay Node-Based Routing Algorithm For Reducing Latency In Industrial Mobile Communication Network	Dr. Sharada K A	CSE	Wireless Communications And Mobile Computing, Vol. 2023, Article ID 7297208	2023
83.	Cervical Cancer Detection Using CNN By Screening Based On Cytopathology	Dr. D Loganathan	CSE	International Research Journal Of Modernization In Engineering Technology And Science	2023
84.	AI-Based Weapon Detection System For The Prevention Of Any Potential Crime	Prof. Husna Tabassum	CSE	Research And Applications Of Web Development And Design	2023
85.	Graphical Password Authentication: Image Grid Based Digital Lock For Mobile	Dr. D. Loganathan	CSE	International Journal For Research In Applied Science & Engineering Technology	2023
86.	Design And Implementation For Monitoring Of Coma Patients Using Opencv	Dr. D Loganathan, Prof. Veeresh K M	CSE	Advancement Of Computer Technology And Its Applications.	2023
87.	Dual-Step Hybrid Mechanism For Energy Efficiency Maximization In Wireless Network	Prof. Husna Tabassum	CSE	Cybernetics And Information Technologies Volume 23, No 3	2023
88.	A Block Chain Based Decentralized NFT Marketplace	S. Sarumathi	CSE	International Journal Of Advanced Research In Science, Communication And Technology	2023
89.	To Analyse Human Sentiments On Social Media Platforms And Their Interest Inference By Using Deep Learning	Dr. D. Loganathan	CSE	International Journal For Research In Applied Science And Engineering Technology	2023
90.	Survey On Placement Management, Prediction And Recommendation System	Dr.Smitha Kurian	CSE	Journal Of Advancement In Parallel Computing	2023



HKBK COLLEGE OF ENGINEERING

91.	High ECG Diagnosis Rate Using Novel Machine Learning Techniques With Distributed Arithmetic (DA) Based Gated Recurrent Units	Dr. Sharada K A	CSE	Elsevier-Contents Lists Available At Sciencedirect Microprocessors And Microsystems Journal Homepage: Www.Elsevier.Com/Locate/Micro	2023
92.	The Enhanced Optimization Of Information Mining Systems For Big Data Protection Using Blockchain	Dr D Loganathan	CSE	European Chemical Bulletin	2023
93.	Self-Adaptive Hybridized Lion Optimization Algorithm With Transfer Learning For Ancient Tamil Character Recognition In Stone Inscriptions	Dr.Nandha Gopal S M	CSE	Institute Of Electrical And Electronics Engineers - IEEE Access	2023
94.	Covid 19 Monitoring System Using Social Distancing Face Mask Detection And Classification On Live Video	Prof. Simran Pal R	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022
95.	Facial Emotional Recognition Using Convolutional Neural Networks	Prof. Swaathie V	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022
96.	Breast Cancer Detection System Using Deep Learning	Dr.Sharda K A	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022
97.	Fake News Detection Using Blockchain Technology	Prof. Sipra Panigrahi,	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022
98.	3d Printed Face Shield	Prof. Aarth G	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022



HKBK COLLEGE OF ENGINEERING

99.	A Survey Towards The Labour Saving The Corporate Recruitment	Prof. Smitha Kurian	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022
100.	“Blockchain Based Traceability In Supply Chain Using Smart Contracts”	Dr. C. Viji	CSE	International Journal For Research In Applied Science And Engineering Technology (IJRASET)	2022
101.	Loan Eligibility Prediction Using Data Science Algorithms A Comparative Study	Dr. M.Ramkumar	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
102.	A Real Time Cultivation Prediction Robot System Using Iot	Prof. Bibi Ameena	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
103.	Intelligent Quality Monitoring System For Food Grain Storage Using Iot	Prof. Khallikunnaissa	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
104.	Smart Health Consulting System Using Machine Learning	Prof. Rezni S	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
105.	Passwords Generator,Encrypting And Storage Using Aes And Cloud	Prof. Sonia Maria D'Souza	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
106.	Plant Disease Detection Using Deep *Learning	Prof. KSN Sushma	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
107.	Attendance And Performance Monitoring Using MI	Prof. J.Mary Stella	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
108.	Machine Learning Based Heart Disease Prediction System	Prof. Loganathan R	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022



HKBK COLLEGE OF ENGINEERING

109.	Detection Of Signs Of Ageing In Face And Demanding Situations To The Body And Skin Diseases After Covid-19 Using Machine Learning.	Prof. Sonia Maria D'Souza	CSE	International Journal Of Scientific Research In Science, Engineering And Technology	2022
110.	Driver Alertness Identification And Alarming System Using Haar Algorithm	Prof. Vadivel R	CSE	International Journal Of Scientific Research In Science, Engineering And Technology (IJSRSET)	2022
111.	DCNET: A Novel Implementation Of Gastric Cancer Detection Sytem Through Deep Learning Convolution Networks.	Prof. Vijayalakshmi .S	CSE	International Conference On Advanced Computing Technologies And Applications (ICACTA)	2022
112.	Multi-Objective Mayfly Optimization In Phase Optimization Of OFDM	Dr.Suraiya Tarannum	ECE	IIUM Engineering Journal	2023
113.	Secure Routing Based Energy Optimization For Iot Application With Heterogeneous Wireless Sensor Networks	Dr. C.Venkatesan	ECE	Energies	44713
114.	Energy Efficient Clustering And Routing Using ASFO And A Cross-Layer-Based Expedient Routing Protocol For Wireless Sensor Networks	Dr. C.Venkatesan	ECE	Sensors	2023
115.	Hybrid K-Medoids With Energy-Efficient Sunflower Optimization Algorithm For Wireless Sensor Networks	Dr. C.Venkatesan	ECE	Sustainability	2023
116.	An Effective Double Density Dual-Tree Complex Wavelet Transform Based Denoising For MIMO-OFDM	Dr.Suraiya Tarannum	ECE	International Journal Of Intelligent Engineering And Systems	2023
117.	Enhanced Artificial Bee Colony, Square Root Raised Cosine Precoding And Mu-Law Compandor For Optimization Of MIMO-OFDM Systems	Dr. Abdul Azeez	ECE	International Journal On Advanced Science Engineering Information Technology	2023
118.	“Leaching Test Protocols To Evaluate Contaminant Response Of Nano-Calcium Silicate–Treated Tropical Soils”	Dr Sanaula P F	Chemistry	ASCE. J. Hazard. Toxic Radioact. Waste,	2023



HKBK COLLEGE OF ENGINEERING

119.	“Lanthanum Substituted Ni-Zn Ferrite (Ni _{0.75} Zn _{0.25} Fe ₂ O ₄) Nanomaterial And Its Composite With Rgo For Degradation Of Binary Dyes Under Visible Light Irradiatio	Dr Sanaula P F	Chemistry	Materials Research Express,	2023
120.	“Ni ₁ Zn ₁ -Xlyfe ₂ -Yo ₄ @Rgo Nanocomposite As Electrochemical Sensor For Simultaneous Analysis Of Food Colorants-Sunset Yellow And Tartrazine”.	Dr Sanaula P F	Chemistry	Inorganic Chemistry Communications	2023
121.	“Effect Of Musa Acuminata Peel Extract On Synthesis Of Zno/Cuo Nanocomposites For Photocatalytic Degradation Of Methylene Blue”	Dr Sanaula P F	Chemistry	Green Chemistry Letters And Reviews (TGCL),	2023
122.	Nano Based Soil Amendments For Heavy Metal Retention In Brown Fields	Dr Sanaula P F	Chemistry	Journal Of Mines, Metals And Fuels	2023
123.	Green Synthesis Of Cuo Nanoparticles: A Promising Material For Photocatalysis And Electrochemical Sensor	Dr Sanaula P F	Chemistry	Sensor International	2023
124.	Dopant-Induced Photodegradation Of Organic Water Pollutants Using Cobalt Oxide Nanostructures Of Low Cytotoxicity	Dileepkumar V G	Chemistry	Journal Of Environmental Chemical Engineering	2023
125.	Highly Efficient And Stable Nise ₂ -Rgo Composite-Based Room Temperature Hydrogen Gas Sensor	Dileepkumar V G	Chemistry	International Journal Of Hydrogen Energy	2023
126.	La ₁₀ Si ₆ O ₂₇ :Eu ³⁺ Nanophosphor: Its Photocatalytic And Sensor Applications	Dileepkumar V G	Chemistry	Asian Journal Of Chemistry	2023
127.	Study Of Bi-Functional Applications Of Zno Nanoparticles Synthesized Via Sonochemical Route	Dileepkumar V G	Chemistry	Asian Journal Of Chemistry	2023
128.	Green Synthesis Of Cuo Nanoparticles: A Promising Material For Photocatalysis And Electrochemical Sensor	Dileepkumar V G	Chemistry	Sensor International	2023
129.	An Effective Double Density Dual-Tree Complex Wavelet Transform Based Denoising For MIMO-OFDM	Dr.Suraiya Tarannum	ECE	International Journal Of Intelligent Engineering And Systems	2023



HKBK COLLEGE OF ENGINEERING

130.	Enhanced Artificial Bee Colony, Square Root Raised Cosine Precoding And Mu-Law Compandor For Optimization Of MIMO-OFDM Systems	Dr. Abdul Azeez	ECE	International Journal On Advanced Science Engineering Information Technology	2023
131.	Green Synthesis Of CuO Nanoparticles: A Promising Material For Photocatalysis And Electrochemical Sensor	Jayasimha H N	Chemistry	Sensor International	2023
132.	Modeling Cognitive System With Applied Machine Learning In Additive Manufacturing Using Fifth Generation Computer Systems	Krishnaranjani Raju	AI/ML	IOP Publishing : Journal Of Physics	2022
133.	“A Fiber-Wireless Monitoring System With A Qoe Instrument For Smart Grid Technology”	AFROZ PASHA	AI/ML	Second International Conference On Electronics And Renewable Systems (ICEARS)	2023
134.	Smart Deep Learning Model To Recognize PCM Optimization Performance On Solar Cooling System	Dr. Tabassum Ara	AIML	Electric Power Components And Systems	2023
135.	An Intelligent Healthcare System For Quadriplegia Patients Using Internet Of Things And Machine Learning	Dr. Tabassum Ara	AIML	International Neurourology Journal	2023
136.	Peli-Remo Optimization Algorithm For Reliable Routing In MANET: K-Means Node Clustering Process And CNN Based Energy Prediction	Dr. Tabassum Ara	AIML	Tuijin Jishu /Journal Of Propulsion Technology	2023



HKBK COLLEGE OF ENGINEERING

SYMPOSIA, SEMINARS, WORKSHOPS ETC. CONDUCTED IN THE COLLEGE

Sl. No.	Name of the Conference etc. organized	Date & Month	Source of Financial Support	Sponsored	No. of Participants
1.	Value added course on core java programming	07-03-2023 to 11-03-2023	HKBKCE	-	152
2.	Workshop on building sustainable communities	17-08-2022 to 25-08-2022	HKBKCE	-	150
3.	IOT hands on Session using Simulator	22-06-2022 to 24-06-2022	HKBKCE	-	150
4.	Workshop on Amazon Web Services	28-11-2022 to 2-12-2022	HKBKCE	-	150
5.	Webinar on Creating awareness on IPR	20-01-2023	HKBKCE	-	25
6.	Seminar on Research, Research Insights, Publication Strategies Ethics	06-06-2023	HKBKCE	-	32
7.	Pantech Learning on "Industry 4.0"	15-11-2022	HKBKCE	-	56
8.	Industry Expert Talk on Microsoft Azure Cloud Computing Technology	25-11-2022	HKBKCE	-	88
9.	Seminar on Semiconductor Ecosystems and opportunities for Engineers	09-12-2022	HKBKCE	-	60
10.	Seminar on LabVIEW	04-01-2023	HKBKCE	-	200
11.	Seminar on E-waste collection center	27-01-2023	HKBKCE	-	106
12.	Guest lecture on Study Abroad and Career Pathway Planning	11-10-2022	HKBKCE	-	70
13.	Placement and carrier Assist	28-02-2023	HKBKCE	-	65



HKBK COLLEGE OF ENGINEERING

CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC. ATTENDED BY TEACHERS

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/ Deputed	No. of papers presented
1.	Dr. Mohsina Taj	E-Workshop on Advances in Science & Technology of Graphene-2022	New Delhi, India	1 st to 2 th Nov 2022	Invited	1
2.	Dr. D.Umadevi	Three Day International Workshop on Time Series Analysis in R-programming organized by Dept. of Research & Publications, A2Z Edu Learning Hub LLP	online	25th, 26th & 27th July 2022	-	-
3.	Dr. D.Umadevi	“TWO DAY FACULTY DEVELOPMENT PROGRAM ON “Patent Criteria and filing process in National and International Application”	HKBK College of Engineering	30-08-2022.	-	-
4.	Dr. D.Umadevi	IP Awareness/Training program under National Intellectual Property Awareness Mission organized by Government of India, Intellectual Property Office, India.	HKBK College of Engineering	29-07-2022	-	-
5.	Dr. D.Umadevi	FIFTH INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICAL MODELS (ICAMM 2023) organized by DEPARTMENT OF MATHEMATICS PSG COLEGE OF TECHNOLOGY, COIMBATORE.	PSG COLEGE OF TECHNOLOGY, COIMBATORE.	4 to 6 th Jan2023.	-	-
6.	Dr. D.Umadevi	National Multi-Disciplinary Virtual Symposium on "Why Data Science matters" organized by IQAC & Department Of Mathematics & Statistics, ST. FRANCIS COLLEGE, KORAMANGALA, BENGALURU-34	ST. FRANCIS COLLEGE, KORAMANGALA, BENGALURU	06-05-2022.	-	-
7.	Dr. D.Umadevi	Three-day workshop on Python programming for Engineering Mathematics for Faculty members from the colleges affiliated to VTU of Bengaluru region organized by Visvesvaraya Technological University, Belagavi in association with RV College of Engineering in coordination with Department of Mathematics, RV College of Engineering, Bengaluru.	RV College of Engineering, Bengaluru.	7 to 9 th Nov 2022	-	-



HKBK COLLEGE OF ENGINEERING

8.	Sharmada U	Completed Faculty Development programme “Python for Data Science” conducted by NPTEL	ONLINE	March 2023	-	-
9.	Sharmada U	Acted as a resource person for the DBT sponsored Students Enrichment Programme on Teaching and Learning Math Concepts Using GeoGebra” organized by PG and Research Department of Mathematics, G. Venkataswamy Naidu College, Kovilpatti	G. Venkataswamy Naidu College, Kovilpatti	20-01-2023	-	-
10.	Sharmada.U	Two days FDP on “Patentability Criteria and Filing Process in National and International Applications” organized by IPR and IQAC, HKBK college of Engineering, Bangalore.	HKBK College of Engineering, Bangalore	29 to 30 th August 2022	-	-
11.	Sharmada.U	FDP on “Intellectual Property rights, Research Innovations and Entrepreneurship Development”	Online	12 th to 16 th Dec 2022	-	-
12.	Umme Salma	International Conference on Applied Research in engineering Sciences - ICARES-2022 held for 24 25 th November 2022 jointly organized by Department of Mathematics, Physics, Chemistry and Humanities held at Ramaiah Institute of Technology, Bangalore 560 054	Off link	25-11-2022	-	-
13.	Dr. Sharada K A	On Stream Face Mask and helmet detection System Using Machine Learning Techniques	Mysuru	13 th dec 2022	-	1
14.	Prof. Sushma KSN	Deep Learning for Phishing Website Detection	Mysuru	13 th dec 2022	-	1
15.	Prof. Ayesha Anjum,	Covid the board system	Mysuru	18-19 Nov 2022	-	1
16.	Prof. Husna Tabassum	Covid the board system	Mysuru	18-19 Nov 2022	-	1
17.	Mary Stella. J	Artificial Intelligence- FDP	online	5Dec -9 Dec 2022	-	-
18.	Dr. Deepak N R	6 Days National Level Online FDP on Outcome Based Education	online	21st Nov - 26th Nov 2022	-	-
19.	Dr. Deepak N R	Introduction to Internet of Things (IoT)	online	17th to 21st April 2023	-	-
20.	Dr. Deepak N R	Five days Hybrid Faculty Development Programme on National Education Policy for Skill India & Data Analytics and Cloud Computing in collaboration with Institute of Engineers (India) & Edu net Foundation & EYGDS (LONDON)	online	10th -15th April 2023.	-	-
21.	Prof. Najmusher H	Data and Video Analysis	GITAM university	13th -18th March 2023	-	-
22.	Prof. Husna Tabassum	Data and Video Analysis	GITAM university	13th -18th March 2023	-	-



HKBK COLLEGE OF ENGINEERING

23.	Dr. Sharada K A	Introduction to Internet of Things (IoT)	online	Jan -April 2023(12 weeks and 5h/week)	-	-
24.	Dr. Sharada K A	Artificial Intelligence- FDP	online	5th Dec-9th Dec 2022	-	-
25.	Prof. Khallikkunaisa	Python for Data Science -FDP	online	Jan-Feb 2023,4 Weeks	-	-
26.	Prof. Khallikkunaisa	UHV Refresher1-FDP-AICTE	online	25th 2022-29th Aug 2022	-	-
27.	Dr D Loganathan	5 Days FDP on Artificial Intelligence under TechSaksham organized by Microsoft India and SAP	online	5th Dec-9th Dec 2022	-	-
28.	Dr D Loganathan	5 Days National level online workshop on Systematic Review of Literature using VOSviewer with Publish and Perish	online	12th March to 16th march 2023	-	-
29.	Dr D Loganathan	2 Days Faculty Development Programme on Patent Criteria and Filing Process in National and International Applications	online	29th Aug -30th Aug 2022	-	-
30.	NandaGopal	5 Days FDP on Artificial Intelligence under TechSaksham organized by Microsoft India and SAP	online	5th Dec-9th Dec 2022	-	-
31.	Smitha Kurian	5 Days FDP on National Education Policy on Skill India and Data Analytics and Cloud Computing	online	10th-15th April 2023	-	-
32.	Smitha Kurian	5 Days FDP on Artificial Intelligence under TechSaksham organized by Microsoft India and SAP	online	5th Dec-9th Dec 2022	-	-
33.	Saumathi S	5 Days FDP on Artificial Intelligence under TechSaksham organized by Microsoft India and SAP	online	5th Dec-9th Dec 2022	-	-
34.	Prof. N.R. Gowri	ICSTS-2022, MMANTC	online	5-6 Nov2022	Deputed	1
35.	Prof. N.R. Gowri	Environmental Engineering & Sustainability - Research, Technologies and Challenges"	online	27-2-23 to 03-03-2023	Deputed	-
36.	Prof. Rajalakshmi M M	Environmental Engineering & Sustainability - Research, Technologies and Challenges"	online	27-02-23 to 03-03-2023	Deputed	-
37.	Prof. Kishore S R	Current and Futuristic Trends in Nano Science & Technology	Presidency University, Bangalore	12-13 April 2023	Deputed	1
38.	Dr. Syed Mustafa	2nd International Conference for Innovation in Technology (INOCON) IEEE	Bangalore	03 to 05 March 2023	Deputed	1
39.	Prof. Sreekantha B	2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC)	Mysore	10 to 11 Feb 2023	Deputed	2
40.	Dr. Komala C R	International Conference on Innovative Practices in Technology and	Uttar Pradesh	22 to 24 Feb 2023	Deputed	2



HKBK COLLEGE OF ENGINEERING

		Management (ICIPTM)				
41.	Dr. Syed Mustafa	2nd International Conference for Innovation in Technology (INOCON) IEEE	Bangalore	03 – 05 Mar 23	Deputed	1
42.	Prof. Sreekantha B	2023 International Conference on Recent Trends in Electronics and Communication (ICRTEC)	Mysore	10 – 11 Feb 23	Deputed	2
43.	Dr.Komala C R	International Conference on Innovative Practices in Technology and Management (ICIPTM)	Uttar Pradesh	22 – 24 Feb 23	Deputed	2
44.	Dr. Komala C R	International Conference on Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)	Chennai, India	February 2023	Deputed	1
45.	Dr.V.Balaji Vijayan	Design and Implementation of a Smart Irrigation System with Soil Quality Measurement	Chennai, India	April 2023	Deputed	-
46.	Dr.V.Balaji Vijayan	International Conference on Intelligent Systems and Machine Learning	Chennai, India	July 2023	Deputed	-
47.	Dr. Syed Mustafa	Multiclass Artificial Neural Network based Facial Expression Recognition	Bangalore, India	03-05 March 2023	Deputed	-
48.	Dr. Komala C R	Artificial Intelligence driven security model for Internet of Medical Things (IoMT)	Uttar Pradesh, India	22-24 February 2023	Deputed	2
49.	Dr. Komala C R	A Remote Health Care Monitoring system using internet of medical things (IoMT)	Uttar Pradesh, India	22-24 February 2023	Deputed	-
50.	B.P.Pradeep Kumar, Dr.Surendiran J	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4)	Bangalore, India	15-16 December 2022	Deputed	-
51.	Dr. R G Vidhya	2022 International Conference on Edge Computing and Applications	Tamil Nadu, India	13-15 October 2022	Deputed	-
52.	Dr. R G Vidhya	2022 3rd International Conference on Smart Electronics and Communication (ICOSEC)	Trichy, India	20-22 October 2022	Deputed	-
53.	Dr.R.G Vidhya	2022 International Conference on Computer, Power and Communications (ICCPC)	Chennai, India	14-16 December 2022	Deputed	-
54.	Dr.Sanjana Prasad	2022 2nd Asian Conference on Innovation in Technology (ASIANCON)	Ravet, India	26-28 August 2022	Deputed	-
55.	Dr.Sanjana Prasad	International Conference on IoT Based Control Networks and Intelligent Systems	Kerala, India	1-2 July 2022	Deputed	-
56.	Dr.Sanjana Prasad	2023 International Conference for Advancement in Technology (ICONAT)	Goa, India	24-26 January 2023	Deputed	-
57.	Dr.Sanjana Prasad	2022 3rd International Conference on Communication, Computing	Bangalore, India	15-16 December	Deputed	-



HKBK COLLEGE OF ENGINEERING

		and Industry 4.0 (C2I4)		2022		
58.	Dr.Surendiran J	2022 1st International Conference on Computational Science and Technology	Chennai, India	9-10 November 2022	Deputed	-
59.	Dr.Surendiran J	2022 IEEE International Conference on Data Science and Information System (ICDSIS)	Hassan, India	29-30 July 2022	Deputed	2
60.	Dr.Surendiran J	2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT)	Kannur, India	11-12 August, 2022	Deputed	-
61.	Dr.Surendiran J	2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	Bangalore, India	23-24 December 2022	Deputed	2
62.	Dr.Surendiran J, Dr.R.G Vidhya	2022 International Conference on Computer, Power and Communications (ICCCPC)	Chennai, India	14-16 December 2022	Deputed	6
63.	Dr.Surendiran J,	2022 IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE)	Bellary, India	23-24 April 2022	Deputed	-
64.	Dr.B.P.Pradeep Kumar Dr.Surendiran J	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4)	Bangalore, India	15-16 December 2022	Deputed	-
65.	Dr.Surendiran J, Dr.B.P.Pradeep Kumar	2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	Bangalore, India	23-24 December 2022	Deputed	-
66.	Prof. Sufia Banu	JNANA CHILUME-2022	Bangalore, India	1 st June 2022	Deputed	-
67.	Prof. Sufia Banu	International Conference on Electronic Circuits and Signalling Technologies (ICECST 2022)	Coimbatore, Tamilnadu	2-3 June 2022	Deputed	-
68.	Prof. Sufia Banu	6th International Conference on I-SMAC(IoT in Social, Mobile, Analytics and Cloud) I-SMAC 2022	Dharan, Nepal	10-12 November 2022	Deputed	-
69.	Rashmi Rani S, Nayana Hegde, Abdul Azeez, AneesFathima, Sanjana Prasad, Dr.Surendiran J	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4)	Bangalore, India	15-16 December 2022	Deputed	-
70.	Rashmi Rani Samantaray; Abdul Azeez, Nayana Hegde, Dr.Surendiran J, Syeda Husna Mohammadi, Zahira	2022 3rd International Conference on Communication, Computing and Industry 4.0 (C2I4) 2022 3 rd International Conference on Communication, Computing and	Bangalore, India	15-16 December 2022 15-16 December	Deputed	-



HKBK COLLEGE OF ENGINEERING

	Tabassum	Industry 4.0 (C2I4)	Bangalore, India	2022		
71.	Dr.R.G Vidhya	2022 International Conference on Computer, Power and Communications (ICCCPC)	Chennai, India	14-16 December 2022	Deputed	--
72.	Dr.R.G Vidhya	2022 International Conference on Augmented Intelligence and Sustainable systems	Trichy, India	24-26 November 2022	Deputed	3
73.	Dr.Sanjana Prasad	2022 International Conference on Smart Generation Computing , Communication and Networking (SMARTGENCON 2022)	Bangalore, India	23-25 December 2022	Deputed	1
74.	Prof.Zahira Tabassum	FDP on recent advancements in science and technology	Alliance University	6 th – 10 th March 2023	Deputed	
75.	Prof.Zahira Tabassum	National Level Faculty Development Program on "Innovation, Research And Ipr - Journey Towards Excellence" h	BVB's Sardar Patel College of Engineering, Mumbai	1 st – 3 rd March 2023	-	-
76.	Prof.Zahira Tabassum	FDP on Python for Data Science	NPTEL	Jan tp Feb 2023	-	-
77.	Prof.Zahira Tabassum	Image processing using Open CV	Pantech E learning	12 th October – 11 th November	-	-
78.	Prof.Zahira Tabassum	Machine Learning Master Class	Pantech E learning	11 th January – 10 th February 2022	-	-
79.	Prof.Zahira Tabassum	Webinar on Academic Writing	Nitte Meenakshi	16 th December 2022	-	-
80.	Prof.Zahira Tabassum	Webinar on EV Design	Pantech E learning	23 rd February 2022	-	-
81.	Prof.Zahira Tabassum	Webinar on Industry 4.0	Pantech E learning	15 th November 2022	-	-
82.	Prof.Zahira Tabassum	Webinar on PCB Design	Pantech E learning	21 st February 2023	-	-
83.	Prof.Zahira Tabassum	Webinar on Designing n outcomes and outcome focused questions	In Pods	4 th Novemeber 2022	-	-
84.	Dr.Sanjana Prasad	Writing R& D Grant proposal for women Engineers	IIT, Tirupati	10 th – 11 th Novemebr 2022	-	-
85.	Dr.Maaz Ahmed	Electric Vechicle Design Master class (Matlab)	Pantech E learning	7 th February- 7 th March 2023	-	-
86.	Dr.Maaz Ahmed	Machine Learning	Pantech E learning	11 th January – 10 th February 2023	-	-
87.	Prof.Surendra K.V	Antenna Design,Fabrication & Testing -ADFT 2023	BMS College of	16/6/2023	-	-



HKBK COLLEGE OF ENGINEERING

			Engineering			
88.	Prof. Syeda Husna Mohammadi	Machine Learning Based Embedded System	KNSIT	16 th to 17 th March 2023	-	-
89.	Prof. Syeda Husna Mohammadi	FDP on Python for Data Science	NPTEL	Jan- Feb 2023	-	-
90.	Prof. Syeda Husna Mohammadi	FDP on recent advancements in science and technology	Alliance University	6 th – 10 th March 2023	-	-
91.	Prof. Syeda Husna Mohammadi	Image processing using Open CV	Pantech E learning	12 th October – 11 th November	-	-
92.	Prof. Abdul Saleem	Patentability criteria and filing process	HKBKCE	29 th August 2022-30 th August 2022	-	-
93.	Prof. Abdul Saleem	Image processing using Open CV	Pantech E learning	12 th October – 11 th November	-	-
94.	Prof. Abdul Azeez	Introduction to Python Programming	AICTE-VTU	13 th -17 th March 2023	-	-
95.	Prof. Abdul Azeez	Introduction to IOT	AICTE-VTU	17 th -21 st April 2023	-	-
96.	Prof. Abdul Azeez	Application of Data Science and Machine Learning in Research Process	Nagarjuna Degree College	13 th -17 th Feb 2023	-	-
97.	Prof. Abdul Azeez	Wireless collaborative intelligent goal-oriented communication	IEEE	11 th Feb 2023	-	-
98.	Prof. Abdul Azeez	Economic order Quantity for Inventory Control	IEEE	17 th Feb 2023	-	-
99.	Prof. Abdul Azeez	Gender Sensitization	HKBKCE	25 th Nov 2022	-	-
100.	Prof. Sufia Banu	National Intellectual Property Awareness Mission	NIPAM	22 nd Feb 2023	-	-
101.	Prof. Sufia Banu	Gender Sensitization	HKBKCE	25 th Nov 2022	-	-
102.	Prof. Sufia Banu	NPTEL	AICTE	Jan –Feb 2023	-	-
103.	Prof. Anees Fathima	Introduction to python programming & its application	VTU	13 th -17 th March 2023	-	-
104.	Prof. Anees Fathima	Image processing using open CV masterclass	Pantech e Learning PVT LTD	12 th Oct– 11 th Nov	-	-
105.	Prof. Anees Fathima	Patentability criteria and filing process	HKBKCE	8 th Feb – 8 th March 2023	-	-
106.	Prof. Anees Fathima	python for data science	NPTEL	Jan-Feb 2023	-	-
107.	Prof. Anees Fathima	Machine Learning based Embedded System	KNSIT	16 th March – 17 th	-	-



HKBK COLLEGE OF ENGINEERING

				March 2023		
108.	Prof. Rashmi Rani	Economic order Quantity for Inventory Control	IEEE	17 th Feb 2023	-	-
109.	Prof. Rashmi Rani	Research Opportunities in semiconductor materials and devices	SRM Institute of Science & Technology	17 th Oct -21 st Oct2023	-	-
110.	Prof. Rashmi Rani	Data Science and Python under the IBM Skills Build Program	BMS College of Engineering	3 rd November 2022	-	-
111.	Prof. Rashmi Rani	Data Analysis using Python	IBM Certification	1 st November 2022	-	-
112.	Prof. Rashmi Rani	Academic writing	NITTE	16 th December 2022	-	-
113.	Prof. Rashmi Rani	Python for Data Science	AICTE-VTU	13 th -17 th March 2023	-	-
114.	Prof. Rashmi Rani	Introduction to python programming and applications	AICTE-VTU	20 th -25 th March 2022	-	-
115.	Prof. Rashmi Rani	Analog VLSI Design using EDA Tools	AICTE-VTU	6 th – 10 th March 2023	-	-
116.	Prof. Rashmi Rani	Recent Advancement in Science and Technology	Alliance University	6 th – 10 th March 2023	-	-
117.	Prof. Rashmi Rani	Introduction to Internet of Things	AICTE-VTU	17 th -21 st April 2023	-	-
118.	Prof. Rashmi Rani	Python for Data Science	AICTE -NPTEL	Jan-Feb 2023	-	-
119.	Prof. Yogananda Raj Urs KH	Introduction to Python Programming	AICTE-VTU	13 th – 17 th March 2023	-	-
120.	Prof. Noor Ayesha	Inculcating Universal Human Values in Technical Education	AICTE-VTU	27 th June -01 st July 2023	-	-
121.	Prof. Noor Ayesha	Patentability criteria and filing process	HKBKCE	22 nd Feb 2023	-	-
122.	Prof. Noor Ayesha	National Intellectual Property Awareness Mission	NIPAM	22 nd Feb 2022	-	-
123.	Prof. Noor Ayesha	Recent Trends in Power Electronics Applications to Renewable Energy, Smart Grids and Electric Vehicles	BMS College of Engineering	20 th – 24 th Feb 2023	-	-
124.	Prof. Asha P V	Taking Research to Next Level	SVCE	22 nd -24 th Feb 2023	-	-
125.	Prof. Shilpa K.V	“Economic order Quantity for inventory control”	IEEE-ITS	17 th Feb 2023	-	-



HKBK COLLEGE OF ENGINEERING

INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY THE SCHOLARS

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1	Mr. Abdul Majeed, Lead Engineer deltaT MEP Technical Academy, 30th Cross, K.V. Layout, Jayanagar-4th Block, East. Bengaluru-560011, INDIA	"HVAC systems, Software used for HVAC Design, Calculations and its scope in industry"	Thermal and Design	08/11/2022
2	Er. A Bharath Mechanical Chartered Engineer Mr. Jayeshh Ramaiyahh Business Head Mobile No: +91 9900719900 website: www.thinkworks.co.in	"Career guidance for pre-final year students".	Human Resource	16 th December 2022
3	Mr. Bopanna N. S, Business Analyst, BrandMuscle	Career Guidance on Data Engineers	CSE/ISE	12th November 2022
4	Mr. Malay Shah, SVP & P&L Leader for India, MEA and APJ, Locus	Scaling Start-Up's, Use Of AI/ML in The Logistics Industry & Career Guidance	AI/ML	21st December 2022
5	Mr. Mohammed Rizwan, Software Engineer, Software AG, Chennai	Design of Full Stack Development	CSE/ISE	25th February 2023



HKBK COLLEGE OF ENGINEERING

LIST OF MAJOR & MINOR RESEARCH PROJECTS / RESEARCH WORK / AIDED RESEARCH PROJECTS UNDER NATIONAL / STATE / PRIVATE FUNDING AGENCIES (INCLUDING STATE GOVT.) DURING THE YEAR 2022-2023

Sl. No.	Name of the Teacher / Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1	2	3	4	5	6	7	8
1	Dr. N. R. Deepak & Prof. Veersh K M	Smart shoe for visually impaired peoples	2023	KSCST	-	-	-
2	Dr. N. R. Deepak & Prof. Veersh K M	Visual based wheelchair control system for ALS impaired patients.	2023	KSCST	-	-	-
3	Prof. Swaathie V	Fault Detection and Predictive Maintenance Of Industrial Machines Using Machine Learning	2023	KSCST	-	-	-
4	Mrs. Rajalakshmi M M, Mrs. N R Gowri	Real Time Project Progress Update of Building Using Iot	2022-2023	KSCST, BENGALURU	Rs 5,000	Rs 5000/-	-
5	Dr.V.Balaji Vijayan	Soldier Health Monitoring and Tracking System using IoT	2022-2023	KSCST	5000	5000	-
6	Prof.Sharvana K	Prediction And Computation of Future Stock Price Value Using Time Series	2022-2023	KSCST	4000	4000	-
7	Prof.Usman Aijaz	Smart Cap for Visually Impaired Person Using Raspberrypi	2022-2023	KSCST	4000	4000	-
8	Prof. Goidhanandaram	Automatic Music Playlist Library Recommendation Algorithm Based on Facial Micro-Expression Recognition	2022-2023	KSCST	4000	4000	-
9	Dr.V.Balaji Vijayan	Soldier Health Monitoring and Tracking System using IoT	2022-23	KSCST	5000	5000	-



HKBK COLLEGE OF ENGINEERING

10	Prof. Sharvana K	Prediction And Computation of Future Stock Price Value Using Time Series	2022-23	KSCST	4000	4000	-
11	Prof. Usman Aijaz	Smart Cap for Visually Impaired Person Using Raspberry pi	2022-23	KSCST	4000	4000	-
12	Prof. Goidhanandaram	Automatic Music Playlist Library Recommendation Algorithm Based on Facial Micro-Expression Recognition	2022-23	KSCST	4000	4000	
13	Dr. Younus Pasha	Synthesis of Bioethanol from fruits and vegetable residue	2022-23	KSCST	6000	6000	



HKBK COLLEGE OF ENGINEERING

SPORTS

Sl. No.	Name of Sports event	No. of Students Participated at					Awards Won				
		University Level	Inter- Univ. Level	State Level	National Level	International Level	University Level	Inter- Univ. Level	State Level	National Level	International Level
1.	Cricket	16	-	16	-	-	-	-	-	-	-
2.	Volleyball	12	-	36	-	-	-	-	-	-	-
3.	Kabaddi	12	-	-	-	-	-	-	-	-	-
4.	Football	16	02	80	-	-	-	-	16	-	-
5.	Basketball	12	-	24	-	-	-	-	-	-	-
6.	Athletic	-	-	15	-	-	-	-	-	-	-
7.	Badminton	10	-	-	-	-	-	-	-	-	-
8.	Chess	05	-	-	-	-	-	-	-	-	-
9.	Youth Fest	-	-	25	-	-	-	-	-	-	-
10.	Kho Kho Men	-	01	-	-	-	-	-	-	-	-
11.	Kho Kho Women	-	01	-	-	-	-	-	-	-	-



HKBK COLLEGE OF ENGINEERING

STATISTICS

Type of Institution	Religious Minority
No. of Teachers	127
No. of non-teaching staff	30 non-teaching + 35 Administrative
<u>No. of students</u>	
SC Boys	40
Girls	23
Total	63
ST Boys	15
Girls	06
Total	21
GM Boys	683
Girls	312
Total	995
OBC Boys	605
Girls	310
Total	915



HKBK COLLEGE OF ENGINEERING

All	Boys	1343
	Girls	651
	Total	1994



HKBK COLLEGE OF ENGINEERING

STATISTICS OF THE DEGREE RESULTS

Sl. No.	Program	Number Appeared	Number Passed
1.	Computer Science & Engineering	191	157
2.	Information Science & Engineering	120	90
3.	Electronics & Communication Engineering	86	52
4.	Mechanical Engineering	40	32
5.	Civil Engineering	37	18



HKBK COLLEGE OF ENGINEERING

REGISTRATION FOR THE RESEARCH PROGRAMMES

Sl. No.	Department	Ph.D								
		GM		SC		ST		OBC		Total
		Male	Female	Male	Female	Male	Female	Male	Female	
1.	Department of Civil Engineering	01	00	-	-	-	-	-	-	03
2.	Department of Computer Science Engineering	01	02	-	-	-	-	-	-	03
3.	Department of Electronics & Communication Engineering	00	02	-	-	-	-	-	-	02



HKBK COLLEGE OF ENGINEERING

AWARD OF Ph.D.

Sl. No.	Faculty	Ph.D.								Total
		GM		SC		ST		OBC		
		Male	Female	Male	Female	Male	Female	Male	Female	
1	Dr. Ismathuinnaisa	-	-	-	-	-	-	-	1	1
2	Dr. Smitha Kurian	-	1	-	-	-	-	-	-	1
3	Dr. Subramanya K C	1	-	-	-	-	-	-	-	1
4	Dr. Jisha L K	0	1	-	-	-	-	-	-	1
5	Dr. Usman Aijaz N	-	-	-	-	-	-	-	1	1



HKBK COLLEGE OF ENGINEERING

ENROLMENT DATA OF I YEAR STUDENTS

Sl. No.	Course	Sanctioned Intake	Total No. of Students Admitted			Vac.	I Semester UG											
							GM			SC			ST			OBC		
							M	F	T	M	F	T	M	F	T	M	F	T
1	AIML	60	42	20	62	01	23	8	31	2	0	2	0	1	1	17	11	28
2	CSE	180	122	67	189	00	60	30	90	5	4	9	1	2	3	56	31	87
3	ISE	120	77	49	126	00	35	26	61	5	1	6	1	1	2	36	21	57
4	E&C	180	101	87	188	01	56	54	110	2	1	3	3	0	3	40	32	72
5	ME	60	16	1	17	43	6	0	6	0	0	0	0	0	0	10	1	11
Total		600	358	224	582	45	180	118	298	14	6	20	5	4	9	159	96	255