



KSIT
K.S. INSTITUTE OF TECHNOLOGY

Kammavari Sangham (R) 1962
K.S. GROUP OF INSTITUTIONS

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K.S. INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC

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Annual Report 2020-21

KSIT has grown steadily since its inception. During the assessment year 2020-21 there is tremendous growth in our research work, publications, funds & grants.

In addition to the systematic delivery of the university syllabus using MS teams for online class due to covid 19 we also followed SOPs to run, offline labs. Many technical events for students & FDPs were conducted. We also have active MOUs by all the departments to help students develop their skills along with regular knowledge sharing to have interaction with industries. We have good number of quality publications by staff and students in conference, symposia and in international Journals. Teachers were also encouraged to attend conference, symposia, seminars, workshops etc. Details of Publications, events conducted and attended are attached in Annexure I.

Funds worth 3.0 Lakhs were released from AICTE-ISTE for conduction of FDP. Three National level FDP was conducted in the month of December 2020 and May 2021. Each FDP was of duration 6 days. An FDP entitled "INSIGHTS ON ANTENNA, SATELLITE AND RADAR COMMUNICATION" of 3 days was conducted from 10/8/2020 to 12/8/2020 under IETE. As per the government instructions most of the events were organized in online mode.

COVID-19 awareness programs were also conducted in the institute by arranging webinars. Covid tests and free vaccination drive was also conducted by COVID CELL to all students, staff and neighborhood of KSIT. Faculty & students were encouraged to pursue online certification courses through NPTEL, Swayam & Coursera platform.

(Dr. DILIP KUMAR K)

PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

**CONSOLIDATED STATEMENT SHOWING THE DETAILS OF NUMBER OF BOOKS
AND RESEARCH PAPERS PUBLISHED,
NO. OF CONFERENCES / SEMINARS ATTENDED / CONDUCTED ETC
FROM 01-04-2020 TO 31-03-2021**

Mechanical Engineering

Sl. No.	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	Remarks
				International	National		
1.	-	6	9	-	103	0	-

Electronics & Communication Engineering

Sl. No.	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	Remarks
				International	National		
1.	-	89	2	5	2	4	-

Computer Science & Engineering

Sl. No.	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	Remarks
				International	National		
1.	-	43	7	9	54	5	-

Telecommunication Engineering

Sl. No.	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	Remarks
				International	National		
1.	-	7	11	15	-	-	-

Department of Mathematics

Sl. No.	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	Remarks
				International	National		
1.	-	1	-	-	-	-	-

Department of Physics

Sl. No.	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	Remarks
				International	National		
1.	-	-	-	-	-	-	-

Department of Chemistry

Sl. No.	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	Remarks
				International	National		
1.	1	2	-	5	5	-	-

BOOKS PUBLISHED BY FACULTY (01-04-2020 TO 31-03-2021)

Sl. No.	Title	Author/s	Year of Publication	Name of the Publisher/s	Remarks
1.	Modified Electrodes for Electrochemical Sensor Applications	Dr. Kiran Kumar S.R	2020	Scholars' Press	

RESEARCH PAPERS PUBLISHED BY FACULTY IN JOURNALS (01-04-2020 TO 31-03-2021)

Sl. No.	Name of the Teacher (S)	Department	Title of Paper	Publication citation	National or International Journal	Remarks
1.	Dr. M Umashankar	MECH	Influence of Ni particulate reinforcement on morphological and mechanical properties of ZA-27 alloy composites	Solid State Technology, Volume 63, Issue 25, 2020, PP - 5617 -5632	Scopus Indexed International Journal	
2.	Dr. Nagaprasad K S	MECH	Effect Injecting Urea and DEE solution at exhaust pipe of Diesel engines with DPF and DOC	International Journala of Lab Technology in By Management & Applied Science, IJLTEMA July 2020	International	
		MECH	EmmisionReduction of Diesel Engine by using DPF, Doc and Injecting Hydrazinc Hydralic in exhaust pipe	International Journala of Mechanical By and Research IJMER, June 2020	International	
4.	Dr. Girish T R	MECH	International Journal of 'Investigation of Mechanical properties of hybrid composites using Hemp & Aramid"	VOL 7, July 2020, ISSUE 3	International	
5.	Mr. Harish U	MECH	Evaluation of hot corrosion behavior of HVOF thermally sprayed Cr3C2-35NiCr coating on SS 304 boiler tube steel	Advanced Trends in Mechanical and Aerospace Engineering ATMA , Volume 2316, Issue 1, Online Published	AIP Conference Proceedings	
		MECH	Effect of the coating material compositions on the life of gas turbine hot section components	Advanced Trends in Mechanical and Aerospace Engineering ATMA , Volume 2316, Issue 1, Online Published	AIP Conference Proceedings	
6.	Mrs. Yeshwini A	ECE	Literature Review on Cloud based IoMT Framework for Automated Health Assessment and Management	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp. 253-255, 2021, ISSN: 2393-8021	International	

		ECE	Design and Construction of Smart Sanitizer Dispenser	International Journal of Research Publication and Reviews, Vol2, No. 7, pp. 1279-1281,2021, ISSN: 2582-7421	International	
		ECE	Smart Garbage Monitoring System	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 7, pp. 185-189, 2021, ISSN: 2393-8021	International	
7.	Dr. Rekha B Venkatapur	CSE	A Survey On Application Of Deep Learning: Unsupervised Auto Encoder	Alochana Chakra Journal, Volume IX, Issue VII, ISSN NO:2231-3990, July 2020.	International	
8.	Dr.Ram P Rustagi	CSE	GALA: A Gamified Approach to Learning Algorithms	Vol 05, Issue 01, March 2021, Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, https://journal.accsindia.org/gala-a-gamified-approach-to-learning-algorithms/	International	
			"Experiential Learning of Networking Technologies - Understanding Traversal of a Packet in Internet",	Journal of Advanced Computing and Communications, Vol4 issue 4, December 2020. https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-traversal-of-a-packet-in-internet/	International	
			“Experiential Learning of Networking Technologies - Understanding IP Routing”,	Journal of Advanced Computing and Communications, Vol 4 issue 3, September 2020. https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-ip-routing-2/	International	
			Experiential Learning of Networking Technologies - Understanding Network Layer and IP Addressing	Journal of Advanced Computing and Communications, Vol 4, issue 2, June 2020. https://journal.accsindia.org/understanding-network-layer-ip-addressing/	International	
9.	Mr.Harshavardhan J R	CSE	Multiple Vehicle Monitoring and Security System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, PP- 569-572, June 2020,UGC Approved	National	
10.	Dr. Deepa. S. R	CSE	Bacterial Foraging Optimization-Based Clustering in Wireless Sensor Network by	Intelligent Computing Paradigm: Recent Trends. Studies in Computational Intelligence, Springer nature, Singapore, Vol	International	

			Preventing Left-Out Nodes	784,pp 43-58, Scopus Indexed, 2 Citations, Jan 2020		
		CSE	Detection of Fake and Clone Account on Twitter	International Journal of Scientific Research in Engineering and Management, ISSN – 2582- 3930, Volume 5, Issue 7	International	
		CSE	Automatic Farming Robot For Smart And Effective Cultivation	International Journal of Scientific Development and Research(IJSDR), Volume: 5, Issue 6, ISSN 2455-2631,June 2020	International	
		CSE	Autonomy Of Attendance Using Face Recognition	International Research Journal of Engineering and Technology(IRJET), Volume 7, Issue 6, ISSN:2395-0072, June 2020	International	
		CSE	Cluster optimization in wireless sensor network based on optimized Artificial Bee Colony algorithm	IET Networks, WILEY, Feb 2021, DOI: 10.1049/ntw2.12023, PG 1-9	International	
11.	Dr. Vaneeta M	CSE	“Efficient Two-Layer Image Protection with Wavelet Transform Compression”	Innovative Data Communication Technologies and Applications, Springer Nature Singapore, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 59), Feb 2021, PP-433-448, https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37	International	
		CSE	Detection of Phishing Websites using Machine Learning Techniques	Journal of Emerging Technologies and Innovative Research(JETIR), Volume 7, Issue 6, ISSN:2349-5162, PP- 569-572, June 2020,UGC Approved	National	
12.	Mrs.Sougandhika N	CSE	Food Distribution Framework using smart container	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020,UGC Approved	National	
		CSE	Detection of DDos Attack using Hybrid Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6, ISSN:2320-2882, June 2020	International	
13.	Dr. Vijayalaxmi M	CSE	Fingervein Detection Using Image Processing	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 05 Issue: 07 July -	International	

				2021 ISSN: 2582-3930		
14.	Mrs. Vijayalaxmi Mekali	CSE	An Image Based Eye-Blink Assistive System For Paralyzed Patients	International Research Journal of Engineering and Technology(IRJET), Volume 7, Issue 5, ISSN:2395-0072, May 2020	International	
15.	Mr. Roopesh Kumar BN	CSE	Digi-Sign	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6, ISSN:2320-2882, June 2020	International	
		CSE	Demand Drivers for Agriculture Commodities	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 5, ISSN:2320-2882, May 2020	International	
		CSE	Demand Drivers for Gold	International Journal of Research and Technology(IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020	International	
16.	Mr. Kumar K	CSE	Assisted Distributed Kernel Self-Organizing Cloud System Built Using A Peer- To-Peer Network	International Journal of Scientific Development and Research(IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020	International	
			A Survey on Enhancement of Captcha to prevent non-interactive access	International Journal of Engineering Applied Sciences and Technology(IJEAST), Volume-5, Issue 1, ISSN: 2455-2143, PP-389-391, May 2020	International	
17.	Mr. Pradeep Kumar GH	CSE	Indoor Navigation using AR	International Journal of Scientific Development and Research(IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020	International	
18.	Mr. Raghvendrachar S	CSE	Gaze Pin Entry for Password Authentication	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 5, ISSN:2349-5162, May 2020, UGC Approved	National	
		CSE	A Survey On Application Of Deep Learning: Unsupervised Auto Encoder	Alochana Chakra Journal, Volume IX, Issue VII, ISSN NO:2231-3990, July 2020	International	
19.	Dr. Aditya Pai H	CSE	“An Empirical Analysis of Security in SME's in Bengaluru”,	International Journal of Management(IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020.	International	

		CSE	“Study on Software Security Measures Adaption in SME's in Bengaluru”	International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020	International	
		CSE	Survey Paper on Smart Locker System	Journal of Applied Sciences and Competitions(JASC), Volume-7, Issue 5, ISSN: 1076-5131,May 2020	National	
		CSE	Analysis and Classification of water purity based on the parameters stated by central pollution control board.	International Journal of Scientific Development and Research(IJSDR), Volume: 5, Issue 6, ISSN 2455-2631,June 2020	International	
20.	Dr. Swathi K.	CSE	“An Empirical Analysis of Security in SME’s in Bengaluru”	International Journal of Management (IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020	International	
		CSE	“Study on Software Security Measures Adaption in SME's in Bengaluru”	International Journal of Advanced Research in Engineering and Technology(IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020.	International	
21.	Mr. Krishna Gudi	CSE	Indoor Air Quality Monitoring System using Machine Learning with IoT	International Journal of Research and Technology(IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020	International	
22.	Mrs. Mamatha R	CSE	“Intelligent Pillbox (Anytime Medicine)”	IJCRT Volume 8, Issue 6, ISSN:2320-2882, June 2020.	International	
23.	Mr. Prashanth H S	CSE	Money Exchange Using Android Application	International Journal of Scientific Development and Research(IJSDR), Volume: 5, Issue 6, ISSN 2455-2631,June 2020	International	
		CSE	Smart Ambulance With Traffic Control	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020,UGC Approved	National	
		CSE	Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy	IJARIE-ISSN(O)-2395-4396, Vol-7 Issue-4 2021	International	

24.	Mrs.Ranjitha K N	CSE	Text Extraction and Recognition from Images	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, Issue 7, July 2021 DOI: 10.17148/IARJSET.2021.8773	International	
		CSE	An IoT Approach for Motion Activated Security Camera and surveillances System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020,UGC Approved	National	
		CSE	An IoT Approach for Motion Activated Security Camera and surveillances System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 8, ISSN:2349-5162, August 2020,UGC Approved	National	
25.	Mrs.Beena K	CSE	Diagnosis Of Diseases in Potato Leaves Using IoT	International Journal of Research and Technology(IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020	International	
26.	Mrs. SnehaKaramadi	CSE	HAND-TALK GLOVES WITH FLEX SENSOR	IJRTR Volume 8, Issue 3, ISSN: 2321–7529(Online) ISSN: 2321–7510, June 2020	International	
27.	Mrs. Sneha C R	CSE	6-Legged Crawling Robot For Virtual Telepresence	International Journal of Creative Research Thoughts (IJCRT), Vol. 8, No. 6, pp. 1772-1781, ISSN: 2320-2882, June 2020.	International	
28.	Mrs. Rashmi B H	CSE	Pneumonia prediction using medical image modality	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 7, ISSN:2349-5162, June 2020,UGC Approved	National	

CONFERENCES, SYMPOSIA, SEMINARS, WORKSHOPS ETC. CONDUCTED IN THE COLLEGE (FROM 01-04-2020 TO 31-03-2021)

Mechanical Engineering

Sl. No.	Name of the Conference etc. Organised	Date & Month	Source of Financial Support	Sponsorer	No. of Participants	Remarks
1.	Two Day Workshop on Importance of Hypermesh in Analysis	25 th to 26th June 2020	Self	Management	90	
2.	Visvesvaraya Technical University & Mtab - Industry 4.0 / Smart Factory Automation with digital twin.	15th July 2020	Self	Management	45	
3.	One Week Online FDP on "Recent Advance & Trends in Mechanical Engg., & Material Science"	27th to 31st July 2020	Self	Management	65	
4.	Webinar on Pre Final Year students of our institution	10th Aug 2020	Self	Management	100	
5.	Technical Seminar “ Applications of Thermodynamics”	19th Sep 2020	Self	Management	60	
6.	Online Technical Talk on "How to enhance quality of final year project work?"	10th Oct 2020	Self	Management	40	
7.	Technotsav SAEINDIA KSIT COLLEGIATE CLUB	19th Dec 2020	Self	Management	100	
8.	Redline Racing "Askran"	12th March 2021	Self	Management	90	
9.	Technotsav 2K21	17 Th July, Saturday	Self	Management	20 TEAMS	

Electronics & Communication Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1.	TALK OPPORTUNITIES ON INTERNSHIP	1st & 2nd July, 2020	IEEE-KSIT-SB	IEEE-KSIT-SB	50	
2.	TALK- INTERNSHIP ON DATA SCIENCE	3rd July 2020	IEEE-KSIT-SB	IEEE-KSIT-SB	50	
3.	INTRODUCTION TO ML AND FULL STACK DEVELOPMENT	8th July, 2020	IEEE-KSIT-SB	IEEE-KSIT-SB	59	
4.	WIE TALK : Go Green Zero waste Period	11th September, 2020	IEEE-KSIT-SB	IEEE-KSIT-SB	70	
5.	Webinar on “Shortrange Wireless Communication”	14th September 2020	KSIT	KSIT	100	
6.	TALK ON GETTING STARTED WITH EQUATIONS IN MS POWERPOINT	28th October, 2020	IEEE-KSIT-SB	IEEE-KSIT-SB	50	
7.	Webinar on on “Design of Antennas using Simulation Tools”	18th Dec 2020	KSIT	KSIT	77	
8.	6 days Refresher Program on 5G and its implementation	21st Dec 2020 to 26th Dec 2020	AICTE -ISTE	AICTE -ISTE	103	

Computer Science & Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1.	34th CSI Karnataka State Student Convention (online)	22-12-2020 & 23-12-2020	MANAGEMENT & REGISTRATION FEES	-	266	
2.	Webinar on An Insight into Web Application Development	13/11/2020	FREE	-	70	
3.	Webinar on Career Guidance	07-06-2020	FREE	-	30	
4.	Workshop on AWS Cloud Practitioners Workshop	21st -22nd July 2020	CSI ACCOUNT	-	70	
5.	Internship talk	06-07-2020	FREE	-	65	
6.	Webinar on Benefits and Opportunities with GATE	17/4/2021	FREE	-	68	
7.	INTERENSHIP OPPORTUNITIES	12th March 2021	FREE	-	70	

Telecommunication Engineering

Sl. No.	Name of the Conference etc. organised	Date & Month	Source of Financial Support	Sponsored	No. of Participants	Remarks
1.	Guest Lecture on “Image Processing Towards Data Science”	05-06-2020	KSIT		40	
2.	Webinar on “Overview of Internet Routing and Switching”	26/06/2020	KSIT		32	

3.	Webinar on “Web Development Using Real time APIs ”	06/07/2020 to 07/07/2020	KSIT		38	
4.	Technical Talk on"IoT and THINGWORX"	25-10-2019	ISTE		80	
5.	Webinar on “ Whats Next? An influential perspective on career growth} :”	18/09/2020	ISTE,ALUMNI		60	
6.	webinar on “Ethical Hacking”	21/09/2020	TEF		80	
7.	Webinar on “ Higher Education in UK”	28/09/2020	TEF		100	
8.	Webinar on “Disruptive Technologies”	10-01-2020	ISTE,ALUMNI		58	
9.	Workshop on “Internet of Things (IoT)”	22/10/2020 to 24/10/2020	ISTE		42	
10.	Webinar on “Wireless Sensor Network”	11-07-2020	ISTE		48	
11.	Webinar on “Adaptation to COVID Pandemic	22-12-2020	ISTE		89	

CONFERENCE, SYMPOSIA, SEMINARS, WORKSHOPS ETC. ATTENDED BY TEACHERS (FROM 01-04-2020 TO 31-03-2021)

Mechanical Engineering

Sl. No.	Name of the Teacher (S)	Name of the conference	Place	Date	Invited/ Deputed	No. of papers presented	Remarks
1.	Prof. Umashankar M	One week AICTED Sponsored short terms Technical program series 1 to 4 "Introduction to Tribology and surface Engineering"	Saintgits College fo Engineering, Kottayam, Kerala	17th to 22nd Aug 2020	Deputed	-	
		One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT Bangalore	27th to 31st July 2020	Deputed	-	
		Five Day's FDP on " Advances & Research in Mechanical Engineering "	KSSEM	20th to 24th July 2020	Deputed	-	
		One week FDP on " Advances Mechanical Engineering "	Jyothy Institute of Technology	11th to 15th July 2020	Deputed	-	
2.	M Nagabhushana	One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT Bangalore	27th to 31st July 2020	Deputed	-	
		Workshop on "Importance of Hypermesh on Analysis"	KSIT Bangalore	25th to 26th June 2020	Deputed		
3.	Prasad K	Artificial Intelligence and Machine Learning – Basics and Principles(off line Mode)	SJC Institute of Technology, Chikkabalapur	22nd to 27th March 2021	Deputed	-	
		Six Days STTP on " Artificial Intelligence and Machine Learning"	SJCIT, Chickballapur	22nd to 27th March 2021	Deputed	-	

3.	Prasad K	Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
		One Week Faculty Deveopment program on " advances in Mechanical Engineering"	JIT, Bangalore	11th to 15th July 2020	Invited	-	
		5 Days faculty development program on"Advances and Researches in Mechanical Engineering"	KSSEM, Bangalore	20th to 24th July 2020	Deputed	-	
		One week online FDP on "Recent Advances in Trends in Mechanical Engineering & Materials Science'	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		One week online FDP on Thermal Engineering - I	Alasu Engg., College, Kumba Konam, Tamilnadu	14th to 19th Dec 2020	Deputed	-	
4.	Dr. Nagaprasad K S	Online Protiency Improvoment Programme on "Combustion Fundamentals"	ARAI, Pune Online	6th Sep 2020	Deputed	-	
		One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		Webinar on "Pre and Post combustion Techniques to reduce emmissions in diesel engine"	MVIT, Bangalore Online	23rd July 2020	Deputed	-	

5.	Dr. Girish T R	Artificial Intelligence and Machine Learning – Basics and Principles(off line Mode)	SJC Institute of Technology, Chikkabalapur	22nd to 27th March 2021	Deputed	-	
		Six Days STTP on " Artificial Intelligence and Machine Learning"	SJCIT, Chickballapur	22nd to 27th March 2021	Deputed	-	
		One week online FDP on "Recent Advances in Trends in Mechanical Engineering & Materials Science'	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		5 Days faculty development program on"Advances and Researches in Mechanical Engineering"	KSSEM, Bangalore	20th to 24th July 2020	Deputed	-	
		Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
		One week live online certificate course on"Composite Materials and its Characterizations"	AIT, Bangalore	22nd -26th June 2020	Deputed	-	
		One week Faculty Development Programme on "Role of Teachers in Quality Enhancement & Accreditaion	SEC, Nandyal	5th - 11th June 2020	Deputed	-	
6.	Dr. Nirmala L	Scientific writing for journals	VTU Consortium	30th Sep 2020	Deputed	-	
		One week online international faculty development program on research challenges in mechanical engineering	SVCET, Chitoor,	22nd to 27th , Sep 2020	Deputed	-	
		I st module of webminar series on Nano science and nano technology	Pandit deendayal Petroleum university, gandhi nagar	11th to 13th Sep 2020	Deputed	-	

6.	Dr. Nirmala L	Rotary compressor research and innovation at NTU singapore	VJEC, kannur, Kerala	27th Aug, 2020	Deputed	-	
		3-Day Webinar Series on "Academics vs Industry Collaboration Best Practices"	BIT, Bangaluru	7th to 9th Aug, 2020.	Deputed	-	
		One Week Online FDP on "Recent Advance & Trends in Mechanical Engg., & Material Science"	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		Advances and research in Mech engg.	KSSEM, Bangaluru	20th to 24th July 2020	Deputed	-	
		Terminology and process involved in journal paper publication	SRIT, Ananthapuramu	01 st July 2020	Deputed	-	
		Contemporary developments in manufacturing processes, sustainable manufacturing and industrial technologies	Praagathi engineering college	9th to 13th, June 2020	Deputed	-	
7.	Mr.Manjunath B R	Webinar on "Complexity and Excitement of Aerospace Control"	Dr. Ambedkar Institute of Technology, Bengaluru	18th June 2021	Deputed	-	
		one day webinar on "Introduction and application of solid-state welding Technique"	Brindavan College of Engineering, Bengaluru	11th June 2021	Deputed	-	

7.	Mr.Manjunath B R	National Seminar on Development of functionally graded material through Directional solidification	RR Institute of Technology, Bengaluru	11th June 2021	Deputed	-	
		International Webinar - Machine Learning for Predictive Maintenance	Dr. Ambedkar Institute of Technology, Bengaluru	22nd May 2021	Deputed	-	
		FDP on Recent Trends in Fluid Dynamics	Sapthagiri College of Engineering	17th to 20th Nov 2020	Deputed	-	
		FDP on Additive Manufacturing	Presidency University	29th Aug to 2nd Sep 2020	Deputed	-	
		Five Days Vertual short term training programme	BNMIT, Bangalore	24th to 25th Aug 2020	Deputed	-	
		5 Days Online FDP on " Advanced Nano Materials, Nano fabrication Techniques & Devices	BMSIT, Bangalore	10th to 14th Aug 2020	Deputed	-	
		One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT	27th to 31st July 2020	Deputed	-	
		Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
8.	Mr.Ranganath N	Webinar on “Complexity and Excitement of Aerospace Control”	Dr. Ambedkar Institute of Technology, Bengaluru	18th June 2021	Deputed	-	
		one day webinar on “Introduction and application of solid-state welding Technique”	Brindavan College of Engineering, Bengaluru	11th June 2021	Deputed	-	

8.	Mr.Ranganath N	National Seminar on Development of functionally graded material through Directional solidification	RR Institute of Technology, Bengaluru	11th June 2021	Deputed	-	
		Webinar on “Prerequisites to be a Design Engineer”	SVCE, Bengaluru	3rd June 2021	Deputed	-	
		online webinar on “Enhancing Employability Opportunities through LinkedIn”	REVA University, Bengaluru	21st May 2021	Deputed	-	
		Two days online workshop - Natural Language Processing and Deep Learning Technique	Jain University, Bengaluru	21st – 22nd of May 2021	Deputed	-	
		5 Days Online FDP on " Advanced Nano Materials, Nano fabrication Techniques & Devices	BMSIT, Bangalore	10th to 14th Aug 2020	Deputed	-	
		One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		3 Days Webinar on Cryogenics & its application	JSSTE, Mysore	20th to 24th July 2020	Deputed	-	
		Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
		3 Day online FDP on " Research proposal writing for funded projects SCI indexed paper writing and FEA applications in industry	RRIT, Bangalore	20th to 22nd June 2020	Deputed	-	
		Participated on Webinar on Industry 4.0 on the perspective of Die casting industry	Chennai Institute of Technology,	2nd Jun 2020	Deputed	-	

9.	Anil Kumar A	One week online FDP on "Recent Advances in Trends in Mechanical Engineering & Materials Science'	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		One Week Faculty Deveopment program on " advances in Mechanical Engineering"	JIT, Bangalore	11th to 15th July 2020	Deputed	-	
		One Week Faculty Deveopment program on " Research Proposal writing & oportunities in the field of science Engineering & Management"	BIT, Bangalore	6th to 11th July 2020	Deputed	-	
		Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
		5 Days faculty development program on"Advances and Researches in Mechanical Engineering"	KSSEM, Bangalore	20th to 24th July 2020	Deputed	-	
10.	Harish U	One day Internationa Webinar on"Impact behaviour of FRP & Composites	Dr. AIT, Bangalore	19th Aug 2020	Deputed	-	
		One day Webinar on " Artificial Intellegence in Manufacturing"	Basaveshwara Engg., College, Bagalkot	14th Aug 2020	Deputed	-	
		5 Days FDP on " Green energy for sustainable development.	BKIT	10th to 14th Aug 2020	Deputed	-	
		5 Days Online FDP on " Advanced Nano Materials, Nano fabrication Techniques & Devices	BMSIT, Bangalore	10th to 14th Aug 2020	Deputed	-	
		3 Days Workshop on Sustainable solution & for green living a noble approuch during pandamic	VVCE, Mysore	10th to 12th Aug 2020	Deputed	-	

10.	Harish U	One Week online FDP on "Recent Advcd & trends in Mechanical Engineering & Materials Science"	KSIT, Bangalore	27th to 31th July 2020	Deputed	-	
		5 Days FDP on "Advanced & Researches in Mechanical Engineering"	KSSEM, Bangalore	20th to 24th July 2020	Deputed	-	
		2 Days Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
11.	Parashuram A K	One week online FDP on "Recent Advances in Trends in Mechanical Engineering & Materials Science'	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		Two days Workshop on "Recent Trends in production technology"	EWIT, Bangalore	27th to 28th July 2021	Deputed	-	
		One week online Faculty Development & Continuity in I-3, (Industries Institute & Interaction)	BNMIT, Bangalore	20th to 24th July 2020	Deputed	-	
		5 Days faculty development program on "Advances and Researches in Mechanical Engineering"	KSSEM, Bangalore	20th to 24th July 2020	Deputed	-	
		One Week Faculty Deveopment program on " advances in Mechanical Engineering"	JIT, Bangalore	11th to 15th July 2020	Invited	-	
		One Day Webinar on "Convective Heat Transfer through Extended surface"	VVCE, Mysore	10th July 2020	Invited	-	
12.	Bharath Kumar K R	AICTE Sponsored National level 5 days short term training program (STTP) on "Industrial Internet of Things"	Nitte Meenakshi Institue of Technology, Bangalore	12th to 16th Aug 2020	Deputed	-	

12.	Bharath Kumar K R	One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		Webinar on "Applications of AI & ML in Core Engineering streams"	Dassault Systems Foundation, Bangalore	25th June 2020	Deputed	-	
13.	Tejaswini M L	2 Days International seminar cum Deminar on "Alternative Materials & Innovative Technologies in concrete construction."	BMSCE, Bangalore	16th to 17th March 2021	Deputed	-	
		One week FDP on "Climate change & Carbon Issues"	BMSCE, Bangalore	6th to 10th July 2020	Deputed	-	
		3 Day FDP on "Recent Advancements in Civil Engineering"	CMRIT, Bangalore	24th to 26th June 2020	Deputed	-	
14.	Saleem Khan	One week FDP on "Additive Manufacturing"	Presidency University, Bangalore	29th Aug to 2nd Sep 2020	Deputed	-	
		One week FDP on " Recent Advances & Trends in Mechanical Engineering & Materials Science	KSIT, Bangalore	27th to 31st July 2020	Deputed	-	
		Workshop on "Importance of Hypermesh on Analysis"	KSIT, Bangalore	25th to 26th June 2020	Deputed	-	
15.	Rajesh G L	TEQIP -III Sponsored STTP on "Recent Advances in sustainable Materials for Eng. Applications"	BMCE, Bengaluru	22nd to 26th Feb 2021	Deputed	-	
		AICTE Sponsored STTP Advanced Manufacturing Technologies for Medical & Preciso Eng",	MVJCE, Bengaluru	04th to 9th Jan 2021	Deputed	-	
		2 days Natinal open Workshop on " Getting Aligned to the publishing process"	Researcher Academy Elsevier, USA	04th to 9th Jan 2021	Deputed	-	
		One week online FDP on "Recent Advances in Mechanical Eng,. A Research Perspective"	MGIT, Hyderabad	04th to 9th Jan 2021	Deputed	-	
15.	Rajesh G L	One week onine FDP on "Technological Advanc3emments in Mechanical Engineering, TAME 2000"	BITS, Warangal	04th to 9th Jan 2021	Deputed	-	

TEQIP -III Sponsored FDP on "Recent advancement of Materials & its applications (RAMA -2020)	VSSUT, Burla Odisha	04th to 9th Jan 2021	Deputed	-	
VTU organised online FDP on "Developments in Solar energy Applications & solar tracking systems"	UBDT & SDMIT (Ujire)	04th to 9th Jan 2021	Deputed	-	
SAE India sponsored 7 day FDP " Recent trends in product developmet"	Jyothy Engg., College, Thrissur	04th to 9th Jan 2021	Deputed	-	
AICTE Sponsored online online STTP Advances in Electric Vehicles	RVCE, Bengaluru	21st 26th Dec 2020	Deputed	-	
Five days FDP on "Recent Toos for effective Research	VVJIET, Hyderabad	23rd 27th November 2020	Deputed	-	
AICTE Approved STTP on "Composites Fracture Toughness NOE & Failure Analysis"	PHCET, Rasayani	17th -22nd Nov 2020	Deputed	-	
International Virtual Coference on "frontiers in Manufacturing Technology" (FMT 2020)	Kalinga Institute of Industrial Technology (KITT) Bhubaneswar	13th -14th Oct 2020	Deputed	-	
KLEBR on "Mems & NCEMS"	Kumaragulu College of Technology, Rai Pur	19th Oct 2020	Deputed	-	
"SPRINGER NATURE" Sponsored webinar on " Scientific writing for Journals"	VTU Consortium, Belagavi	19th Oct 2020	Deputed	-	
Webinar on" Indian Automotive Industry - Job & Tech"	Anuran University Hyderabad	15th Sept 2020	Deputed	-	
Five Days Virtual STTP on "Industrial Internent of Things"	NMIT, Bengaluru	12th -16th Aug 2020	Deputed	-	
5 days online workshop on " futuristic Trends in research for Mechanical Engineering"	Shri Vishnu Engg., College Bhimavaram, A P	25th June to 4th July 2020	Deputed	-	
International Webinar series on woorld wide effect of Covid on R &D	Bhilai Institute of Technlogy, Rai Pur	24th to 26th June 2020	Deputed	-	

Electronics & Communication Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1.	Dr. P N Sudha	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15th - 16th Dec 2020	Mysore	15th - 16th Dec 2020	Invited	Electronic Gauge for Micron Measurement and its Relevance to Industry 4.0	
		5G and its impact on internat of things	Vemana Institute of Technology, Bengaluru	9/7/2020 to 11/7/2020	Invited	-	
		Advances in signal processing and wireless communication	Rajeev Institute of Technology, Hassan	24/8/2020 to 29-08-2020	Invited	-	
		Microwave and antenna applications in 5G	IEEE AP-MTT CHAPTER & IEEE Bangalore section	8/12/2020 to 13/12/2020	Invited	-	
		Cyber Criminology and network security	Gopalan college of Engg. and Management	14/12/2020 to 19/12/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
2.	Dr.B.Surekha	Xilinx Vivado Technique and Machine learning Algorithm	NITTE Meenakshi Institute of Technology, Bengaluru	8/6/2020 to 12/6/2020	Invited	-	
		Recent IT Technologies, Writing Papers and Funding Proposals	Raja rambapu Institute of technology, Rajaram nagar	20/6/2020 to 24/6/2020	Invited	-	

		Research opportunities in Image processing and Machine Learning	Chaitanya Bharathi Institute of Technology	29/6/2020 to 3/7/2020	Invited	-	
2.	Dr.B.Surekha	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15th - 16th Dec 2020	Mysore	15th - 16th Dec 2020	Invited	Detection of Piracy: Approaches and Challenges	
		Machine learning with Python	KKR & KSR Institute of Technology & Sciences, Andhra Pradesh	13/7/2020 to 18/7/2020	Invited	-	
		Insights on antenna, Satellite and Radar communication	KSIT, Bengaluru	10/8/2020 to 12/8/2020	Invited	-	
		Graphical System Design Approach for signal and Image Processing Applications	R.V.R & J.C college of Engineering, Guntur	2/11/2020 to 7/11/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
3.	Dr B.Sudarshan	Matlab and Simulink Products	KSIT Bengaluru	22/6/2020 to 23/6/2020	Invited	-	
		Recent trends in wireless communication technologies	Bangalore institute of technology, Bengaluru	3/8/2020 to 5/8/2020	Invited	-	

		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
4.	Mr.B.R.Santhosh kumar	Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
5.	Mrs.Vishalini Diwakar	Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
6.	Mrs. Sangeetha. V	Matlab and Simulink Products	KSIT Bengaluru	22/6/2020 to 23/6/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
7.	Mr. Saleem S Tevaramani	Python for Data Science	Raghu engg College, Vizag	1/6/2020 to 5/6/2020	Invited	-	
		NAAC Accreditation Process	B.M.S College for women,Bengaluru	23/11/2020 to 30/11/2020	Invited	-	
		5G wireless communication and antenna design using MATLAB and Simulink	Karpagavinayaga college of engineering and technology, Tamilnadu	14/12/2020 to 16/12/2020	Invited	-	
		Machine learning and its applications on cyber security	Gandhi Institute for education and technology	26/12/2020 to 31/12/2020	Invited	-	

8.	Mrs.Pragati P.	Recent IT Technologies, Writing Papers and Funding Proposals	Rajarambapu Institute of technology, Rajaramnagar	20/6/2020 to 24/6/2020	Invited	-	
		Matlab and Simulink Products	KSIT Bengaluru	22/6/2020 to 23/6/2020	Invited	-	
		Contemporary Research Trends in electronics and communication	VTU, Kalaburagi	6/7/2020 to 10/7/2020	Invited	-	
		IoT and Wireless Sensor Networks	Brindavan college of engineering, Bengaluru	27/7/2020 to 31/7/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
9.	Mrs. Aruna Rao B. P.	Online Learning and Assessment system	IOE, Kalaburgi	18/6/2020 To 22/6/2020	Invited	-	
		Recent IT Technologies	KSIT Bengaluru	20/6/2020 to 24/6/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	

10.	Mrs. Sahana Salagare	Matlab and Simulink Products	KSIT Bengaluru	22/6/2020 to 23/6/2020	Invited	-	
11.	Mrs. Shilpa V.	Problem Solving with Python	KSIT, Bengaluru	3/1/2020 to 4/1/2020	Invited	-	
12.	Mr. Sampath Kumar S	3 Day International Conference (Online) on Science, Dec 7th - 9th Dec 2020.	Bangalore	7th - 9th Dec 2020.	Invited	-	
		Sensors & their Application	Vemana Institute of Technology, Bengaluru	13/7/2020 to 17/7/2020	Invited	-	
		Deep learning and natural language processing using modern tools	Bangalore institute of technology, Bengaluru	21/7/2020 to 25/7/2020	Invited	-	
		Advanced microcontrollers & Python programming	Jyothy Institute of Technology, Bengaluru	11/8/2020 to 15/8/2020	Invited	-	
13.	Mrs. Jayasudha B S K	7th international conference on Electronics, Computing and Communication Technologies, IEEE, 9th-11thJuly 2021	Bangalore	9th-11thJuly 2021	Invited	Ensemble Learning as A Prerogative Method of Predicting Mortality of Patients with Cardiovascular Diseases	

13.	Mrs. Jayasudha B S K	Mathematical foundations of Machine learning	NMAM Institute of Technology, karnataka	14/8/2020 to 21/8/2020	Invited	-	
		Advanced topics and applications of machine learning	NMAM Institute of Technology, karnataka	31/8/2020 to 5/9/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
		Artificial intelligence	GSSS Institute of Engineering and technology for women	4/1/2021 to 8/1/2021	Invited	-	
		Computer science and Biology	Mallnad college of Engineering (AICTE ATAL Achademy)	19/1/2021 to 23/1/2021	Invited	-	
14.	Mr.Sunil Kumar G.R	Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
15.	Mr. Praveen A	Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	

16.	Mr.Christo Jain	Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
17.	Mrs. Pooja S	Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
18.	Mrs. Smitha Mallya	5G and its impact on Internet of Things	Vemana Institute of Technology, Bengaluru	9/7/2020 to 11/7/2020	Invited	-	
		Recent trends in wireless communication technologies	Bangalore institute of Technology,Bengaluru	3/8/2020 to 5/8/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	
19.	Mrs. Priyadarshini J Patil	Recent trends in Electrical Engineering	Amrita school of Engineering, Bangalore	20/7/2020 to 26/7/2020	Invited	-	
20.	Mrs. Yeshwini V	Web Development using Real Time APIs	KSIT, Bangalore	6/7/2020 to 7/7/2020	Invited	-	
		Insights on antenna, Satellite and Radar communication	KSIT, Bangalore	10/8/2020 to 12/8/2020	Invited	-	
		Next Generation Wireless communication:5G Technology and its Implementation	KSIT, Bangalore	21/12/2020 to 26/12/2020	Invited	-	

Computer Science & Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented/ FDP/ TP/WS/TT	Remarks
1.	Dr.Rekha B Venkatapur	Innovative Research Advances in Engineering Applications and Processes, National Conference Proceedings, ISBN : 978 93 85682 65 0	Jyothy Institute Of Technology, Bengaluru	01-08-2020	Deputed	1	
		AAICM -2020	Dept. of CSE,ISE MCA Mathematics, DSCE	9th Dec 2020	Invited	1	
		Webinar on AI in Cyber Security	Cyber Security Karnataka (CySeck)	28-10-2020	Invited	-	
2.	Dr. Ram P Rustagi	IEEE Gov-TechThon -2020	IEEE Computer Society	30-10-2020 to 01-11-2020	Invited as Jury	-	
		Cyber Security: End User Awareness and Man in the Middle Attack	Dayanand Sagar University	20-11-2020 to 21-11-2020 Talk is scheduled on 20-11-2020	Invited Talk	-	
3.	Dr. Dayananda R B	Computing Methodologies and Communication (ICCMC 2021)	DVD Part Number: CFP21K25-DVD: ISBN: 978-0-7381-1203-9 Sury's engg college	08-04-2021	Invited	1	
		Recent Trends in Computer Science & Information Technology ICRCST – 20	St.martin engg college	17th of June 2020.	Invited	1	
4.	Mr. K VenkataRao	Recent Trends in Computer Science & Information Technology ICRCST – 20	St.martin engg college	17th & 18th June 2020.	Invited	1	

5.	Dr. Deepa S R	FDP on Artificial Intelligence	AICTE Training and Learning (ATAL) Academy	22-02-2021 to 26-02-2021	Invited	-	
		FDP on Cyber Security	AICTE Training and Learning (ATAL) Academy	08-02-2021 to 12-02-2021	Invited	-	
		Webinar on Research Opportunities in Artificial Intelligence and Deep Learning	Dr. Ambedkar Institute of Technology	18-11-2020	Invited	-	
		FDP on IoT and Wireless Sensor Networks	Brindavan College of Engineering	27-07-2020 to 31-07-2020	Invited	-	
		Webinar on Fundamental of Domain Name system (DNS): Decentralising the DNS	VTU Belagavi	24-07-2020	Invited	-	
6.	Dr. Vaneeta M	Innovations in Communication Networks, Information Security, Embedded System and Signal Processing(ICIES - 2020)	Department of ECE, Vidya Academy of Science and Technology	27th and 28th August 2020	Invited	2	
		Computational Research and Data Analytics (ICCRDA-2020)	Suleyman Demirel University and Isparta Applied Sciences University, Turkey and College of Engineering Roorkee, India	24th October, 2020	Invited	1	
		Innovative Data Communication Technologies and Applications (ICIDCA 2020)	RVS college of Engineering and Technology, Coimbatore	3rd and 4th September 2020	Invited	1	
6.	Dr. Vaneeta M	Online STTP Cyber Criminology and Network Security	Gopalan College of Engineering and Management	23-11-2020 to 28-11-2020	Invited	-	

7.	Mr. Harshavardhan J . R	FDP on Mobile Application Development	Cam bridge Institute of Technology	08-03-2021 to 09-03-2021	Invited	-	
8.	Mr. Kumar K	Webinar on Research Opportunities in Artificial Intelligence and Deep Learning	Dr. Ambedkar Institute of Technology	18-11-2020	Invited	-	
		Webinar on Machine Learning Algorithms for Healthcare	Nandha Arts and Science College	02-09-2020	Invited	-	
9.	Mr. Pradeep Kumar G H	Smart India Hackathon 2020	SPOC, KLETU nodal Centre, SIH 2020	01-08-2020 to 03-08-2020	Attended as Judge	-	
10.	Mr. Raghavendrachar S	FDP on Mobile Application Development	Cam bridge Institute of Technology	08-03-2021 to 09-03-2021	Invited	-	
11.	Dr. Aditya Pai H	Fundamentals of Software Engineering	East West School of Business Management , Yelahanka	25-11-2020	Invited Webinar	-	
		FDP on Mobile Application Development	Global Academy of Technology	15-03-2021 to 17-03-2021	Invited	-	
		Emerging Technologies in Data Mining and Information Security	IEMIS	July 2020.	Invited	2	
12.	Dr. Swathi K	Webinar on AI and ML Leading the Data Science way	EWCE	30-08-2020	Invited	-	
		Webinar on Spot Pricing : Theory and Concepts	EWCE	28-08-2020	Invited	-	
		Webinar on Cryptographic Techniques in Information Security	EWCE	27-08-2020	Invited	-	
		Webinar on If Japan can, Why Can't WE	EWCE	24-08-2020	Invited	-	
12.	Dr. Swathi K	Webinar on 3D printing in Manufacturing	EWCE	23-08-2020	Invited	-	

Webinar on UX design – Basics of Wireframes	EWCE	22-08-2020	Invited	-	
Webinar on Digitalization and Cyber Security	EWCE	21-08-2020	Invited	-	
Webinar on Overview of Intellectual Property Rights & Patent Filing Procedure	EWCE	20-08-2020	Invited	-	
Webinar on Software Engineering	EWCE	08-12-2020	Invited	-	
Webinar on Guidelines to Publish Research Articles in Reputed Journal	EWCE	08-11-2020	Invited	-	
FDP on Stemming Technologies – Concretes Industry and Academia	EWIT	10-08-2020 to 14-08-2020	Invited	-	
Webinar on Cloud Computing	EWCE	08-06-2020	Invited	-	
Webinar on Impact of COVID – 19 on Placements – Future Challenges, Opportunities and Strategies	EWCE	08-05-2020	Invited	-	
Webinar on Introduction to Data Science	EWCE	08-04-2020	Invited	-	
Hands on Workshop on Dart Programming Language	EWIT	27-07-2020	Invited	-	
Webinar on Industry 4.0 using IoT & Blockchain	EWIT	21-07-2020 to 22-07-2020	Invited	-	
Webinar on Journey to the Cloud	EWIT	17-07-2020	Invited	-	

12.	Dr. Swathi K	Webinar on Mental Disorder Diagnosis using Machine Learning : Opportunities and Challenges	EWIT	16-07-2020	Invited	-	
		Webinar on Forensic Crime Detection(hit and run Case Crime Verification Process)	EWIT	07-10-2020	Invited	-	
		Webinar on Internet of Things and Edge Computing	EWIT	07-03-2020	Invited	-	
13.	Mr. Krishan Gudi	FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Program)	NIT Patna	23-11-2020 to 27-11-2020	Invited	-	
14.	Prashanth. H S	FDP on Mobile Application Development	Cam bridge Institute of Technology	08-03-2021 to 09-03-2021	Invited	-	
15.	Ranjitha K N	FDP on Feature Engineering in Data Science & Deep Learning Models	Global Academy of Technology	25-08-2021 to 29-08-2021	Invited	-	
		FDP on Natural Language Processing	Reva University	30-06-2020 to 04-07-2020	Invited	-	
16.	Mrs. Beena K	FDP on Mobile Application Development	Cam bridge Institute of Technology	08-03-2021 to 09-03-2021	Invited	-	
		4th National Conference NCETI	DBIT	2021	Invited	-	
17.	Mrs. Sneha Karamadi	Emerging Technologies in Data Mining and Information Security	IEMIS	July 2020.	Invited	-	

Telecommunication Engineering

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/Deputed	No. of papers presented	Remarks
1.	Chanda V Reddy	“MATLAB and SIMULINK Products”	KSIT in association with CoreEL Technologie	22nd and 23rd June 2020	Invited	-	
		Women Rights under Constitution” and “Vishaka Guidelines on Sexual Harassment	Women Cell, Visvesvaraya Technological University, “Jnana Sangama”, Belagavi	04th July 2020	Invited	-	
		Personality Development	Vivekananda Institute of Technology in association with CICC-VKIT	10th to 11th July 2020	Invited	-	
		“ICT Tools for Course Preparation and Evaluation using Gnomio and Kahoot	Department of Electronics and Communication Engineering of Bahubali College of Engineering, Shravanabelagola	27th and 28th July 2020	Invited	-	
2.	Rekha N	6 days webinar on “Future Wireless Communication: Standards & Technologies”	organized by the Department of Electronics & Communication Engineering KSIT	24th - 29th May 2021	Invited	-	
		6 days webinar on “Advanced Antenna Design and Development for RF Communication Systems”	Organized by IETE.	20th to 25th July 2020	Invited	-	
		2 days webinar on “Personality Development”	Organized by VKIT.	10th to 11th July 2020	Invited	-	

2.	Rekha N	1 day webinar on “Realization of 5G Technology”	Organized by KSSEM	7th October 2020	Invited	-	
		1 day webinar on “Advanced Features of Microsoft Excel”	Organized by KSSEM.	13h July 2020	Invited	-	
		3 Days FDP on “Recent Trends in Wireless Communication Technologies”	organized by Department of ECE, Bangalore Institute of Technology in association with IMAPS India	3rd to 5th August 2020.	Invited	-	
		3 Days FDP on "INSIGHTS ON ANTENNA, SATELLITE AND RADAR COMMUNICATION"	conducted by the Department of Telecommunication Engineering	10/8/2020 to 12/8/2020.	Invited	-	
		2 Days FDP on “ICT Tools for Course Preparation and Evaluation using Gnomio and Kahoot”	organised by the Department of Electronics and Communication Engineering of Bahubali College of Engineering, Shravanabelagola	27th To 28th July 2020	Invited	-	
		1 day webinar on “Overview of Internet Routing and Switching”	organized by Livewire	26th June 2020	Invited	-	
3.	Dr Dinesh Kumar D S	5 day FDP on “sensors and their applications ”	Vemana institute of Technology, Bengaluru	13th -17th July 2020	Invited	-	
		5 Days FDP on “Deep learning and natural language processing using modern tools”,	Bangalore institute of Technology	21st -25th July-2020	Invited	-	
		3 Days FDP on “Recent trends in wireless communication technologies”	Bangalore institute of Technology	3rd -5th August-2020	Invited	-	

3.	Dr Dinesh Kumar D S	Organized and attended 3 Days FDP on “insights on antenna, satellite and RADAR communication”	KSIT in association with IETE,Bengaluru	10th -12th August 2020.	Invited	-	
		6 Days online short term training program on “Design and Development of IOT Applications”	East West Institute of Technology	23rd to 28th November 2020.	Invited	-	
		organized Webinar on “Overview of Internet Routing and Switching”	KSIT in association with IETE,Bengaluru	26/06/2020	Invited	-	
4.	Dr.Devika B	2 days FDP on “ICT Tools for Course Preparation and Evaluation using Gnomio and Kahoot”	organized by Department of E&C, Department of ECE of Bahubali College of Engineering, Shravanabelagola	27th and 28th July 2020.	Invited	-	
		3 days FDP on “ Recent Trends in Wireless Communication Technology”	organized by Department of E&C, Bangalore Institute of Technology in Association with IMAPS India	3rd to 5th August 2020	Invited	-	
		3 days FDP on “ Recent Trends in Wireless Communication Technology”	organized by Department of E&C, Bangalore Institute of Technology in Association with IMAPS India	3rd to 5th August 2020	Invited	-	
		“ Research Directions in Wireless Communication”	organized by the Department of E&C, Dr. Ambedkar Institute of Technology, Bengaluru	17th to 21st August 2020	Invited	-	

4.	Dr.Devika B	6 Days Webinar on “Advanced Antenna Design and Development for RF Communication Systems”	organized by the Institution of Electronics and Telecommunication (IETE) Bangalore and Antenna Test & Measurement Society of India (ATMS).	20th To 25th July 2020	Invited	-	
		6 Days FDP on “Inculcating Universal human values in Technical Education”	organized by All India council for Technical education(AICTE)	22nd To 26th March 2021.	Invited	-	
5.	Mr. Satish Kumar B	Participated in the webinar “Paper writing and Research on Innovation” in CIT Tumkur.	CIT Tumkur.	29/12/2020	Invited	-	
		Participated in the webinar” Routing in wireless sensor network” conducted by NCE Karnataka	conducted by NCE Karnataka	30/7/2020	Invited	-	
		One week FDP on “Image and Signal Processing”	organized by JSS technical education	4th to 8th Jan-2021	Invited	-	
		5 days FDP on “Universal Human Values for DEEKSHARAMBA”	organized by NIT Patna	23rd to 27th Nov-2020	Invited	-	
		5 days FDP on”Digital VLSI Design and Verification”	organized by BIT,Bangalore	23rd to 27th Aug 2021	Invited	-	
		Participated in the 3 days webinar on "real time case studies in Machine learning"	Organized by east West Institute of technology	22nd to 24th June 2020	Invited	-	
		2 days FDP on ICT Tools for course preparation and evaluation using Gnomio&Kahoot	Bahubali College of Engineering, Shravanabelagola	27th to 28th July 2020	Invited	-	
		2 Days workshop “Web Development using Real Time APIs”	TC Department, KSIT in association with IETE Bengaluru	6/7/2020 to 7/7/2020	Invited	-	

5.	Mr. Satish Kumar B	2 days webinar on “Importance of Internship and opportunities”	Organized by KSIT in Association with IEEE	1st and 2nd July 2020	Invited	-	
		5 day FDP on "Sensors and their application"	Vemana institute of Technology, Bengaluru	13th to 17th July 2020	Invited	-	
		2 day webinar on RF Design/VNA and its application	Organized by Entuple Technologies	16th to 18th June 2020	Invited	-	
6.	Mr.Dileep J	Online webinar on applications of IOT in Healthcare	TEQUED LABS: Research and Innovation Hub	05-11-2020	Invited	-	
		Machine Learning and Deep Learning Applications in Engineering & Science	Government College of Engineering Karad&Rajkiya Engineering College Azamgarh under TEQUIP-III	16th May to 20th May, 2020	Invited	-	
		webinar on Advanced Embedded Systems Design for Emerging Technology	Dept. of ECE, SJBIT, Bengaluru in association with KNOWX Innovations	22nd May 2020.	Invited	-	
		National level webinar on Advancement in Packet-based Communications	Sir MVIT, Bengaluru in coordination with IETE Bengaluru	29th May 2020	Invited	-	
		Webinar on Intellectual Property Rights and Patent Filing	SJBIT, Bengaluru	06-03-2020	Invited	-	
		Quiz on “Electromagnetic Fields and Waves”	GMRIT, Kakinada, Secured 64% score.	06-04-2020	Invited	-	
		Mendeley Software For References	AMC Engineering College, Bengaluru	13th June 2020	Invited	-	

6.	Mr.Dileep J	Image Processing Segmentation in Neural Network	MotoshriPratishthan Group of Institutions School of Engineering, Maharashtra	June 14th to 15th, 2020	Invited	-	
		Applications of Statistics to Artificial Intelligence	Don Bosco Institute of Technology in association with IEI(India), IEEE, KSC, Bengaluru	18th June, 2020	Invited	-	
		Real Time Case Studies In Machine Learning	East West Institute of Technology, Bengaluru	22nd to 24th June 2020	Invited	-	
		Artificial Intelligence and Model Based Design & Teaching With MATLAB	Chennai Institute of Technology in association with Mathworks, Bengaluru	25th and 26th June 2020	Invited	-	
		Design of InteligentChatbots: ML Approach	Velammal Institute of Technology, Chennai	28th June 2020	Invited	-	
		Machine Learning and Deep Learning	ATME College of Engineering, Mysuru	6th July 2020	Invited	-	
		5 Day FDP on The Growing Role of IOT in Latest Technological Trends	School of Information Technology, Rajiv Gandhi ProudyogikiVishwavi dyalaya, Bhopal in association with WILEY India Pvt. Ltd	22/06/2020 to 26/06/2020	Invited	-	
		5 day workshop on AI and ML Applications in Image Processing using Modern Tools	MSRIT, Bengaluru	13th July to 18th July 2020	Invited	-	

6.	Mr.Dileep J	2 Day Workshop on MATLAB and SIMULINK Products	IEEE KSIT Branch in association with Corel Technologies	22nd and 23rd June 2020	Invited	-	
		Advanced Features of Microsoft Excel	Department of ECE, KSSEM in association with IEEE Bangalore Section	13th July 2020 (11AM to 12.30PM)	Invited	-	
		Practical Analog& Mixed Signal Design	IEEE Circuits and Systems, Bangalore	4th and 5th July 2020	Invited	-	
		2 days FDP on ICT Tools for course preparation and evaluation using Gnomio&Kahoot	Bahubali College of Engineering, Shravanabelagola	27th to 28th July 2020	Invited	-	
		2 Days workshop“Web Development using Real Time APIs”	TC Department, KSIT in association with IETE Bengaluru	6/7/2020 to 7/7/2020	Invited	-	
		Recent Trends in Wireless Communication Technologies	BIT in association with IMAPS India	3rd to 5th August 2020	Invited	-	
		3 DAYS FDP ON “Insights on Antenna, Satellite and RADAR Communication”	TC Department, KSIT in association with IETE Bengaluru	10th to 12th August 2020	Invited	-	
		IoT in Digital Transformation	GSSIETW, Mysuru	14th august 2020	Invited	-	
		2 Day International Workshop on "Deep Learning Models and its	Department of Electronics & Communication Engineering, Sri SivasubramaniyaNadar College of Engineering, Chenna	December 8-9, 2020.	Invited	-	
6.	Mr.Dileep J	1 Week FDP on "Image and Signal Processing"	Department of Electronics & Communication Engineering and Civil	January 4th to 8th, 2021	Invited	-	

			Engineering, JSSATE, Bengaluru in Association with Indian Society for Technical Education & Association of Consulting Civil Engineers				
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Department of Mathematics

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/ Deputed	No. of papers presented	Remarks
1.	Jalaja.P	WORK SHOP ON MATLAB AND SIMULINK PRODUCTS	K.S.INSTITUTE OF TECHNOLOGY , Bangalore.	22.06.2020 to 23.06.2020	Attended	-	
		WORK SHOP ON Importance of Hypermesh in Analysis	K.S.INSTITUTE OF TECHNOLOGY , Bangalore.	25.06.2020 to 26.06.2020	Attended	-	
		WORK SHOP ON LATEX	AMC Engineering College , Bangalore.	29.06.2020 to 01.07.2020	Attended	-	

Department of Chemistry

Sl. No.	Name of the Teacher	Name of the Conference etc.	Place	Date	Invited/ Deputed	No. of papers presented	Remarks
1.	S.R Kiran Kumar	[ECSIRM-2020]	IISC Bengaluru	21st & 22nd January 2021	Invited	-	
		(IWESTE-2021)	SRMIST -TN	March 25-27, 2021	Invited	-	

INVITED SPECIAL LECTURES DELIVERED IN THE COLLEGE BY THE SCHOLARS (FROM 01-04-2020 TO 31-03-2021)

Electronics & Communication Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1.	Dr. P N Sudha HOD, department of Electronics & Communication Engineering, KSIT, Bangalore	Introduction to 5G	Wireless Communication	03rd May 2021
2.	Dr. P N Sudha HOD, department of Electronics & Communication Engineering, KSIT, Bangalore	Guest Speaker on "Recent Trends in wireless & mobile communication"	Wireless Communication	27th March 2021
3.	Dr. P N Sudha HOD, department of Electronics & Communication Engineering, KSIT, Bangalore	Delivered talk on "Evolution of wireless Communication from 1G to 5G"	Wireless Communication	21st Dec 2020

Computer Science & Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1.	Ms. Diksha Sudhir	Webinar on An Insight into Web Application Development	Web Development	13/11/2020
2.	Mr. Shashvath Bhaskar Technical Project Manager & Security Champion, Intel Corporation San Jose, California	Career Guidance	Higher Education	07-06-2020
3.	Nithin K Naik, Technical manager, Tequed Labs	Internship talk	Cyber Security	06-07-2020

Telecommunication Engineering

Sl. No.	Name of the Invited Scholar with full Address	Title of the Lecture delivered	Area of Specialization	Date of the Lecture
1.	Mr. Ravishankar Holla, Asst.Prof., Dept. of ECE, RVCE ,BENGALURU	Webinar on "Wireless Sensor Network"	Wireless Communication	11-07-2020

2.	Mr. Ravikumar K, Director, Infotech Mentors, Bengaluru	webinar on “Ethical Hacking”	Communication network	21/09/2020
3.	Dr. Mahantesh K Associate Professor, Department of ECE,SJB Institute of Technology, Bangalore.	Guest Lecture on “Image Processing Towards Data Science”	Image Processing	05-06-2020

LIST OF MAJOR & MINOR RESEARCH PROJECTS / RESEARCH WORK / AIDED RESEARCH PROJECTS UNDER NATIONAL /STATE / PRIVATE FUNDING AGENCIES (INCLUDING STATE GOVT.) FROM 01-04-2020 TO 31-03-2021)

Sl. No.	Name of the Teacher	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year	Remarks
1.	Mr. Prasad K	Fabrication of Portable Shredding and Composting Device for Kitchen & Garden Waste	01-02-2021	KSCST	6000		
		Fabrication & Performance testing of portable Archimedes screw micro hydro generator	01-02-2021	KSCST	6000		
2.	Mr. Anil Kumar A	Design & Development of zero lag turbocharger to increase engine efficiency and to reduce air pollution	01-02-2021	KSCST	6500		
3.	Mr. Gautham S	Automatic dis infect ant system	01-02-2021	KSCST	6000		
4.	Dr. Nirmala L	Fabrication of compact multipurpose agricultural machine	01-09-2021	VTU	5000		
5.	Mr. Bharath Kumar K R	Detection of surface irregularities in manufactured components using delta robot	01-09-2021	VTU	5000		

6.	Dr. Surekha Borra	Development of Bioinspired Algorithms for Real Time Piracy Detection Systems based on Thermo gram Analysis	2020	Research Grant for Scientists/Faculty RGS/F), VGST, Government of Karnataka	300000	200000	
7.	Dr. Joy Prabhakaran	OTT video quality improvement	2021	TATA ELXSI	1000000	1000000	
8.	Mrs. Sangeetha V	Photovoltaic Dual Purpose Thermo Electric Refrigerator	2021	KSCST SSP-44 Series	5000	5000	
9.	Mr Sunil Kumar G R	Development of Bioinspired Algorithms for Real Time Piracy Detection Systems based on Thermo gram Analysis	2020	Research Grant for Scientists/Faculty RGS/F), VGST, Government of Karnataka	300000	200000	
10.	Dr. Ram P Rustagi	Consultancy For Providing Technical Guidance In Engineering Design & Development	2020	PAQS	600000	600000	Ongoing
		Computer Network Course Design	June 2020- Dec 2020	Up Grad Education	450000	450000	Completed
		Reading physical book for visually impaired person through voice over navigation system.	2021	KSCST	6000	6000	Completed
11.	Dr.Chanda V Reddy	IOT BASED AMBULATORY BAG MECHANICAL VENTILATOR	2020-21	KSCST	5000	5000	
		MEDIA FORENSICS AND DEEP FAKES	2020-21	KSCST	5000	5000	
12.	Dr Rekha N	ZERO CONTACT DELIVERY SYSTEM FOR FASTER AND SAFER DELIVERY THROUGH IOT	2020-21	KSCST	6000	6000	