

CONFERENCE DETAILS FROM 2020 to 2024

Sl. No.	Name of the faculty	Title of the Paper Presented	Department	Conference Details	Whether Paper Published
2020					
1.	HK Sharath	Automated Sheet Metal Forming Tool	Mechanical	International Conference on Materials, Manufacturing and Machining for Industry 4.0 (ICMMM 2.0)	Yes
2.	HK Sharath	Automation of the Special Purpose Machine to Perform Boring Operation on Rocker Arm	Mechanical	International Conference on Materials, Manufacturing and Machining for Industry 4.0 (ICMMM 2.0)	Yes
3.	PC Srikanth	2D Photonic Crystal based Biosensor for detection of Cervical Cancer cell	ECE	2020 IEEE international conference on electronics, computing and communication technologies (CONECCT)	Yes
4.	CL Triveni	Design of Biosensor for the Detection of Pregnancy based on HCG Presence in Urine using Photonic Crystal Waveguide”	ECE	6th International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT 2020 organized by IEEE Bangalore Section	Yes
5.	Indira Bahaddur, Venkateswara Rao Kolli	Pressure Sensor Based on Two-Dimensional Photonic-Crystal Ring Resonator	ECE	Advances in VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems	Yes
6.	Indira Bahaddur	Performance prediction of graphene-based patch antenna using different ground plane dimensions	ECE	Materials Today: Proceedings	Yes
7.	BM Hemanth Kumar	2D Photonic Crystal based Biosensor for detection of Cervical Cancer cell	ECE	2020 IEEE International Conference on Electronics,	Yes

				Computing and Communication Technologies (CONECCT), 2020	
8.	BM Hemanth Kumar	Detection of Dengue using Photonic Biosensor	ECE	International Journal of Engineering Research & Technology (IJERT) NCETESFT – 2020	Yes
9.	Bharath YK, Shruthi KH, Dhavala RK	Peltier Thermo-Electric Generator based Standalone Micro-Power Supply System	EEE	IEEE seventh International Conference on Electrical Energy Systems (IEEE-EES)	Yes
10.	Dhavala RK, HN Suresh, Rajanna S	Feasibility study by demand side management for selected remote area	EEE	IEEE 7th International conference on Electrical energy systems	Yes
11.	M T Thirthe Gowda, J Chandrika	Analysis and Classification of Ripped Tobacco Leaves Using Machine Learning Techniques	CSE	Evolutionary Computing and Mobile Sustainable Networks proceedings of ICECMSN 2020 pp. 171-180, Springer Singapore	Yes
12.	Neethi V, Geetha Kiran A, Harshavardhan Tiwari	Yield Estimation in Mango Orchards using Machine Vision	CSE	International Conference on Computational Sciences-Modelling, Computing and Soft Computing(CSMCS 2020)10-12, Khozikode, India	Yes
13.	Nanditha BR, Geetha Kiran A, Annegowda, M S Dinesh, Murali S	Texture Analysis of Color Oral Images for Lesion Detection	CSE	International Conference on Computational Performance Evaluation (ComPE),. P. 067-072	Yes
14.	Nanditha BR	Texture Analysis of Color Oral Images for Lesion Detection	ISE	IEEE 2020 International Conference on Computational Performance Evaluation (ComPE)	Yes
15.	Vinayakprasanna Hegde, BC Hemaraju, T M Pradeep and V V Manju	An Investigation on Dose Rate Effect of 60Co Gamma Radiation on 200 GHz SiGe HBTs	Physics	International Conference on Advances in Materials, Ceramics and Engineering Sciences (AMCES-2020)	Yes
2021					
1.	HK Sharath	Design & Development of a Robotic Workcell	Mechanical	National Conference on Recent	No

		to Reduce Human Intervention and Increase Productivity		Innovations in Mechanical Engineering (RIME'2k21)	
2.	Yashas Gowda TG	Mechanical Property Evaluation of Hybrid Areca/Basalt/Carbon fibers Reinforced Epoxy/Bio-Epoxy Composites	Mechanical	Invention, and Innovation Congress , 1 – 2 September 2021. (Oral presentation)	No
3.	Yashas Gowda TG	Mechanical and thermal properties of flax /carbon/kevlar based epoxy hybrid composites.	Mechanical	International conference on sugar palm and allied fibre polymer composites 2021	No
4.	CL Triveni	Design and Implementation Quantum Half Subtractor and Full Subtractor Using IBM Quantum Experience	ECE	IEEE Bangalore section	Yes
5.	Indira Bahaddur, Venkateswara Rao Kolli	Photonic Crystal based Bio-Sensor using Rhombic Ring Resonator for Cancer Cell Detection	ECE	organized by IEEE Bengaluru Section 9-11 July 2021	Yes
6.	Indira Bahaddur	RAPID DETECTION OF BRAIN LESIONS USING BIOSENSOR BASED 2D PHOTONIC CRYSTAL”	ECE	organized by IEEE Bengaluru Section 9-11 July 2021	Yes
7.	KC Deepika	Hybrid CNN-Ensemble based Classifier for Touchless Fingerprint Classification	ECE	Navkis college of Engineering, Hassan	Yes
8.	GT Arjun, NS Jyothi and VS Neethu	Vector Control of Doubly fed Induction Machine for an Electric Vehicle Application	EEE	2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT)	Yes
9.	Neethu VS, Jyothi NS and Raghvendraprasad Deshpande	Optimal EV placement using Particle Swarm Optimization Algorithm	EEE	IEEE International Conference on Electrical, Electronics, Computer Technologies and Optimization Techniques (ICEECCOT – 2021)	Yes
10.	R Pushpalatha & B Ramesh	Amalgamation of Neural Network and Genetic Algorithm for Efficient Workload Prediction in Data Center	CSE	In Advances in VLSI, signal processing, power electronics, IoT, communication and embedded systems: select proceedings of	Yes

				VSPICE 2020 (pp. 69-84). Springer Singapore.	
11.	Anand Babu J	Performance Evaluation of Packet Injection and DOS Attack Controller Software (PDACS) Module	ISE	5th International Conference ICICCT-2021	Yes
12.	CM Naveen Kumar	VGG 16 Based Human Emotion Classification Using Thermal Images Through Transfer Learning	EIE	2021 IEEE Mysore Sub Section International Conference (MysuruCon), 24-25 Oct. 2021	Yes
13.	GK Kalavathi	Numerical approach of self tuning Shape memory alloy based PZT energy harvester without tipmass	Mathematics	International Conference ICMEEP (December 10 – 11, 2021)	No
2022					
1.	Madhushree C	Urban Regeneration: Qualifying City Parameters as Per Citizen's Aspirations	Civil	NMAM Institute of Technology, Nitte, Udupi, India	No
2.	Madhushree C	Effect of Poor Soil Conditions on Seismic Vulnerability of Overcrowded Building	Civil	Kochi	No
3.	Madhushree C	Capacity Building of Teacher in the light of the Indian Knowledge System	Civil	Bengaluru University	No
4.	Madhushree C	Seismic Performance evaluation of post fire affected unconfined and confined Reinforced Concrete – SMRF Structure	Civil	Korea	Yes
5.	Madhushree C	Demonstration of Fabrication and Working of a Hydraulic Ram Pump	Civil	Chennai	Yes
6.	B Pooja, S Rajanna, NL Varaprasad, M Ramesh, GR Sowmya, SR Rakshitha	Design of a Battery Charge Controller Through MPPT Based Solar Photovoltaic System	EEE	Mandya, India	Published
7.	Anand Babu	Secure Data Retrieval System Using Biometric Identification	ISE	Yes
8.	Anand Babu	Eye Blink to Speech Conversion for Paralyzed (MND) Patients Using ML-Based Algorithm	ISE	Yes

9.	Anand Babu	Satellite Image Classification Based on Adaptive Skip Connection - Convolutional Neural Network	ISE	Yes
10.	Anand Babu	Predicting the Stock Price Using Natural Language Processing and Random Forest Regressor	ISE	Yes
11.	Sushma M V	Credit Card fake Revealing Analysis and Prediction of Algorithms	AI & ML		Yes
12.	Roopa GS	Bioconvective nanofluid flow over an exponential stretched sheet with thermophoretic particle deposition.	Mathematics	Department of Basic Science, PES Institute of Technology and management, Shivamogga	No
2023					
1.	Muralidhar N	Experimental Study on Physical and Morphological Properties of KOH	Civil	Canadian Society of Civil Engineering Annual Conference-2023, Canada	Yes
2.	Muralidhar N	Finite Element Study on Coconut Inflorescence Stem Fiber Composite Panels Subjected to Static Loading	Civil	International Conference on Recent Advances in Science and Engineering-2023, Dubai, United Arab Emirates	Yes
3.	Muralidhar N	A Numerical Study on Coconut Inflorescence Stem-Fiber-Reinforced Panels Subjected to Tensile Load, Compressive Load, and Flexural Load	Civil	International Conference on Recent Advances in Science and Engineering-2023, Dubai, United Arab Emirates	Yes
4.	Muralidhar N	Exploring the Potential of Copper Slag and Quartz as Fine Aggregate Replacements in Concrete: A Comprehensive Study	Civil	International Conference on Recent Advances in Science and Engineering-2023, Dubai, United Arab Emirates	Yes
5.	Madhushree	Investigating Ground and Surface Water near a Municipal Solid Waste: A Case Study of Hassan Districts Hanumanthapura	Civil	5th International Conference on Civil Engineering Trends and Challenges for Sustainability 19/12/2023 - 20/12/2023	No
6.	Madhushree	Physical & mechanical properties of aggregates	Civil	Emerging trends and sustainable	No

		used for cell filled pavement		developments in Civil Engineering	
7.	Madhushree	Characterization of Flexible Concrete Pavements Using Demolition Waste and Laterite	Civil	International conference on interdisciplinary approaches in civil engineering for sustainable development – IACESD – 2023	No
8.	Madhushree	Progressive collapse of regular RC structure considering flexibility of slabs under gravity and wind loads	Civil	5th International Conference On Civil Engineering Trends and Challenges for Sustainability 19/12/2023 - 20/12/2023	No
9.	Madhushree	Use of Plastic aggregates, glass pieces and brick ballast in Concrete by partial replacement to natural granite coarse aggregates	Civil	International Conference on “Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No
10.	Madhushree	Finite Element Study on Coconut Inflorescence stem fiber composite panels subjected to Static loading	Civil	International Conference on “Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No
11.	Madhushree	A Numerical Study on Coconut Inflorescence stem fiber reinforced panels subjected to Tensile load, Compressive load, and Flexural Load	Civil	International Conference on “Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No
12.	Madhushree	Free Vibration Analysis on Coconut Inflorescence stem fiber composite panels	Civil	International Conference on “Emerging Trends and Sustainable Developments in Civil Engineering (ETSDCE) at Sri Siddhartha Institute of Technology, Tumakuru on 27th-28th April 2023	No

13.	PC Srikanth	Youtube Spam Detection Scheme Using Stacked Ensemble Machine Learning Model	ECE	2023 International Conference on Network, Multimedia and Information Technology (NMITCON), Bangalore	Yes
14.	Yashaswini PR, PC Srikanth	Enhanced Biosensing with Rhombic Ring Resonator in Two-Dimensional Photonic Crystals for Proteinuria Detection	ECE	2023 IEEE Workshop on Recent Advances in Photonics (WRAP), IIT Allahabad	Yes
15.	Meghashree BS, Venkateswara Rao Kolli, Sushma N, Santosh Kumar KB	Photonic Crystal Micro-Ring Resonator for Urine Analysis for Different Diseases,	ECE	IEEE 3rd Mysore Sub Section International Conference (Mysuru Con)	yes
16.	Prathap PB	Gold-Encapsulated Self-Compensating Tilted Fiber Bragg Grating Biosensor for Clinical Decisions	ECE	2023 International Conference on Next Generation Electronics (NEleX), VIT, Vellore	YES
17.	Prakruthi HL	IoT And GSM Applications for Industrial Health Monitoring	ECE	3rd International Conference on Pervasive Computing and Social Networking (ICPCSN), Virtual	Yes
18.	S Prapulla Kumar	Hybrid Codebook Optimization Technique for Vector Quantization to Preserve the Quality of the Decompressed Image	CSE	IEEE 4th Annual Flagship India Council International Subsections Conference (INDISCON), Mysore, India, 2023, pp. 1-7, DOI: 10.1109/INDISCON58499.2023.10269969.	yes
19.	Margaret RE, Sunitha P, Ragib R Sharief, Syed Ahmed Osama, CS Suresh Babu	Arduino Based Solar Tracker In Dual Axis	CSE/ EIE	4th International Conference on Current Research in Engineering and Technology 4th ICCRET 2023, Chirala, Andhra Pradesh	Yes
20.	Keerthi K S	A Linear Nearest Neighbour Lasso Step Based Honey Badger Algorithm for Robust Network Intrusion Detection System	CSE	4th International Conference on Current Research in Engineering and Technology 4th ICCRET 2023, Chirala, Andhra Pradesh	yes
21.	Anand Babu J	An Efficient Deep Learning Approach to Deal with Cyberbullying	ISE	IEEE Conference	Yes
22.	Balaji Prabu B V	Human Pose Tracking and Juxtaposition	ISE	International Conference	Yes

		(HPTJ) Model: Pose Monitoring System Using Deep Learning			
23.	Anand Babu J	Deep Learning and Sentiment Analysis Improve E-commerce Sales Prediction	ISE	International Conference on Data Science and Network Security (ICDSNS)	Yes
24.	Chandrika J	IOT based solid waste management and analysis applying Machine learning techniques	ISE	International Conference on Advances in Computing, Control and Telecommunication Technologies, August 2023, RIT Hassan	Yes
25.	Chandrika J	Identification of Counterfeit Products Using Blockchain in E-Commerce	ISE	International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE 2023), August 2023	Yes
26.	Anand Babu J	Robotic Attendance Scheme in the Classroom Using Artificial Intelligence and Internet of Things	ISE	2023 International Conference on Applied Intelligence and Sustainable Computing (ICAISC), 09 August 2023	Yes
27.	Anand Babu J	An Efficient Deep Learning Approach for Cyberbullying Detection	ISE	2023 2nd International Conference on Computational Modelling, Simulation and Optimization (ICCMO), 7 December 2023	Yes
28.	CS Suresh Babu	Machine Learning For Sustainable Weed Management In Maize Fields: A Prototype Solution	EIE	Jaipuria Institute of Management Noida (Delhi NCR)	Yes
29.	Ankitha S	MVR: A Mobile Edge Computing Framework for Performance Offloading	AI & ML	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies (ACT 2023), RIT, Hassan	Yes
30.	Raju SP	Preparation of QD-RGO Hybrid Nanomaterials; Simple and Effective Route to avoid Intense Charge Carrier Recombination to Boost Opto-Electrical Properties	Physics	2nd International Conference on Engineering Innovation (ICEI-2023), organized by Jain Institute of Technology, Davanagere, in	Yes

				association with Technical Institute for Engineers, Bangalore, held on 2nd June 2023	
31.	Raju SP	Synergistic Enhancement of Opto-Electrical Properties through QD-RGO Hybrid Nanomaterials: A Novel Approach to Suppress Intense Charge Carrier Recombination	Physics	QuRP-RPGR-F-2310, Quantum Research Park, held on Tuesday, 21st November 2023, Quantum Research Park, IISc, Bangalore	No
2024					
1.	K C Manu & M S Shamana	Experimental Investigation On Behavior Of Transparent Concrete Using Glass And Optical Fibers” ASCE International Conference on Challenges and Innovations for Sustainable Smart Citie	Civil	Punjab Engineering College, Chandigarh	No
2.	Madhushree C	Eco-Conscious Remediation: Harnessing the Power of Natural Coagulants for Dairy Wastewater Treatment	Civil	National Institute of Technology Silchar, Assam, India.	Yes
3.	Madhushree C	Evaluating Station Density'S Impact On Groundwater Level Estimation In A Semi-Arid Karnataka Watershed	Civil	Punjab Engineering College, Chandigarh	No
4.	Yashaswini PR, Kavana KV, Manasa HS, PC Srikanth	Highly Sensitive two dimensional Photonic crystal based temperature sensor	ECE	Hotel Taj, Chandigarh	Yes
5.	Yashaswini PR, Kavana KV, Manasa HS, PC Srikanth	Rhombic Shaped Photonic Crystal Biosensor for the Detection of Eye Melanoma	ECE	BGSIT	Yes
6.	G Murthi Mahadev Naik	Advancements in EEG Signal Transmission: Towards Seamless Integration with Emerging Wireless Technologies for Enhanced Telemedicine	ECE	SSIT, Tumkur	Yes
7.	C L Triveni	D Photonic Crystal Optical Waveguide Using Lithium Niobate for Elastic Optical Network	ECE	CSIR-CSIO Chandigarh, Punjab	Yes
8.	Santosh Kumar KB, Sushma N, Indira Bahaddur, Venkateswara Rao	Enhanced 5 channel DWDM Demux using Photonic Crystal hexagonal Ring resonator”	ECE	21st Nov 2024 at BGSIT,BG Nagara ICRASET-	Yes

	Kolli				
9.	Santosh Kumar KB, Sushma N, Indira Bahaddur, Venkateswara Rao Kolli	Optimization of Integrated Microring Resonator for Enhanced Sensing Application	ECE	21st Nov 2024 at BGSIT,BG Nagara ICRASET-	Yes
10.	Santosh Kumar KB, Sushma N, Venkateswara Rao Kolli	Smart and Sustainable Energy Systems: Enhanced Transmission of EEG Signals in Telemedicine Applications using Soft Output Viterbi Turbo Decoder.	ECE	IOP Conference Series: Earth and Environmental Science.	Yes
11.	Dakshayini MR	Crop Yield Prediction System Using Satellite Imagery and Machine Learning	ECE	Coimbatore, tamil nadu	Yes
12.	Prathap PB	Gold and graphene oxide coated tilted fiber Bragg grating biosensor design for clinical decisions	ECE	RUSSIA	Yes
13.	Prathap PB	Enhancing public transportation: an IoT-based smart bus system for real-time fleet management and improved passenger experience	ECE	RUSSIA	Yes
14.	Hemanth Kumar BM	Missile Guidance system using Kalman Filtering	ECE	BGSIT, B G Nagar	Yes
15.	Hemanth Kumar BM	Solar Harmoni Air: The Integration of Solar Power for Intelligent Outdoor Air Purification and Monitoring System	ECE	BGSIT, B G Nagar	Yes
16.	Gowri Shankar Manivannan, Rajanna Siddaiah, Chethana K R, Asra Firdose, Bharath C and Adithya N	Performance Analysis of Local Binary Pattern Features with Eagle Optimization Algorithm based CNN Classifier for Breast Cancer Detection from Ultrasound Images	EEE	Coimbatore, India	Yes
17.	Gowri Shankar Manivannan, Kaveri K B, Sinchana A R, Shifa Fathima, Sonika T M and	Performance Analysis of LSTM Classification Model from GLCM with Lion Optimization Algorithm Features for Melanoma Identification from Skin Cancer Images	EEE	Coimbatore, India	Yes

	Priya D P				
18.	Gowri Shankar M, M Sudharshan	Performance Analysis of Rabbit Algorithm with Gaussian Process Classifier for Detection of Adenocarcinoma from Lung Cancer Histopathological Images	EEE	Coimbatore, India	Yes
19.	Gowri Shankar Manivannan, Rajanna S	Performance Analysis in Blast Induced Ground Vibrations with Advanced Machine Learning Algorithm Techniques	EEE	Bangalore, India	Yes
20.	Poornima HG; Bindushree SN; Raksha A; Lateshkumar SN; Rajanna S, Ramesh M	Simulation Based Hybrid Solar and Wind Energy System for Standalone Application	EEE	Prayagraj, India	Yes
21.	Bhuvan HD, Deepika KR, Charanraj AM, Prajwal DK, Yogitha S K	Solar Charging Station of Electric Vehicle	EEE	Bangalore, India	Yes
22.	Chandrika J	Identification of Counterfeit Products using Blockchain in E-Commerce	CSE	2024	Yes
23.	Siddiqua A, Ramesh B, Chandrika J	Social Engineering Attacks Detection and Mitigation by Analyzing Human Interaction Patterns	CSE	2024	
24.	Shashidhara H V	Forest Fire Detection and Alarm System	CSE	2024	No
25.	Chandrika J	Detect and Mitigate Social Engineering Attacks by Analyzing Human Interaction Patterns	ISE	Shaheed Sukhdev College of Business Studies, University of Delhi, New Delhi	Yes
26.	Anand Babu J	Enhanced Seizure Prediction System for Wearable Health Devices	ISE	2024	Yes
27.	Anand Babu J	MediGlove: IoT and Machine Learning for Remote Health Care	ISE	2024	Yes
28.	Shruthi BS	Plant Leaf Disease Detection and Classification Using MobileNetV3 and Wavelet Kernel ELM	ISE	2024	Yes
29.	Shruthi BS	Plant Leaf Disease Detection and	ISE	2024	Yes

		Classification Using MobileNetV3 and Wavelet Kernel Extreme Learning Machine			
30.	Anand Babu J	Improved Mask Recurrent Convolutional Neural Network for Remote Sensing Landslide Detection	ISE	October 18-19, 2024	Yes
31.	CM Naveen Kumar	Deep Learning Based Recognition of Sign Language	CSBS	MCE, Hassan	Yes
32.	CM Naveen Kumar	A Framework for Deepfake Detection using Convolutional Neural Network and Deep Features	CSBS	UPES, Dehradun, India	No
33.	CM Naveen Kumar	Human Emotion Classification Using Facial Thermal Features In The Presence Of Mask	CSBS	Manipal Institute of Technology MAHE, Bengaluru	Yes
34.	CM Naveen Kumar, Manjunatha G	Cardiovascular Disease Classification using Machine Learning Techniques	CSBS	Manipal Institute of Technology MAHE, Bengaluru	Yes
35.	Hemanth TS	Functional Characterization of COMOCRSI/fly ash composite clads developed on stainless steel through microwave hybrid heating	CSBS	Bangkok, Thailand	No
36.	Raju S, Chaitra SN	Metal Salt Doped PVA Films for Advanced Packaging Applications: A Study on Optical and Electrical Properties	Physics	Srinivas Institute of Technology, Mangaluru	No
37.	Roopa GS	Tiwari-Das and XUE nanofluid model on MHD and thermal-dependent heat source/sink over a spinning disc	Mathematics	REVA University, Bengaluru, India	No
38.	Pradyumna R	Analysis of homogeneous and heterogeneous chemical reaction on a coaxial cylinders	Mathematics	REVA University, Bengaluru, India	No
39.	Chandini K S	Combined effect of MHD and roughness on porous finite Journal bearing with slip/no-slip surface	Mathematics	Ramaiah Institute of Technology Bengaluru	No
40.	Chaithra C M	Analytical model of electromechanical shape memory alloy-based tunable piezoelectric energy harvester with point mass considered at the cantilever tip	Mathematics	Ramaiah Institute of Technology Bengaluru	No