



BMS Institute of Technology and Management, Bengaluru

Details of Publications 2022 (Calendar Year)

SLNo	Faculty Name	Department	Type of Paper	Title of the Publication	Name of the Journal /Conference Proceedings	Scimago Journal & Country Rank	Volume	Issue	Page No.	ISSN	Indexing - Scopus, WoS etc.	DOI/LINK
1	Dr Anupama H S	AIML	Conference Paper	Detection of Chronic Lung Disorders using Deep Learning	2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/10058633
2	Dr NiranjanaMurthy M	AIML	Conference Paper	Novel Approaches to Improve the Production of Cost-Effective Software Artifacts	2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/10058661
3	Dr. Bharathi Malakreddy A	AIML	Conference Paper	Blockchain-based Access Control Model with Privacy preservation in a Fog Computing Environment	2022 IEEE International Conference on Electronics, Computing and Communication Technologies, CONECCCT 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9865845/authors#authors
4	Dr. Bharathi Malakreddy A	AIML	Article	Optimisation of sub-space clustering in a high dimension data using Laplacian graph and machine learning	International Journal of Bioinformatics Research and Applications	Q4	18	1_2	68-83	17445485, 17445493	Scopus	https://doi.org/10.1504/IJBRA.2022.121763
5	Dr. Bharathi Malakreddy A	AIML	Conference Paper	SparseMAX: Accelerating Quantum Neural Networks on GPU Clusters Using Sparse-Matrix Kernels	Lecture Notes in Computer Science	Q3	13227 LNCS	-	418-431	03029743, 16113349	Scopus	https://doi.org/10.1007/978-3-031-04580-6_28
6	Dr. Bharathi Malakreddy A	AIML	Conference Paper	Deep Learning Based Mammogram Image Classification	Lecture Notes in Networks and Systems	Q4	300 LNNS	-	705-718	23673370, 23673389	Scopus	https://doi.org/10.1007/978-3-030-84760-9_59
7	Dr Bincy Rose Vergis	CHEM	Conference paper	Evaluation of Corrosion Rate and Scratch Resistance in Chromium Alloyed Irons Influenced by Manganese Addition and Process Parameters	Springer Proceedings in Materials	-	15	-	53-66	2662-3161	Scopus	https://doi.org/10.1007/978-981-16-7554-6_4
8	Dr Bincy Rose Vergis	CHEM	Article	Heteroatom Modified Hybrid Carbon Quantum Dots Derived from Cucurbita pepo for the Visible Light Driven Photocatalytic Dye Degradation	Topics in Catalysis	Q2	-	-	.1-12	10225528, 15729028	Scopus	https://doi.org/10.1007/s11244-022-01581-x
9	Dr Jyothi C Abbar	CHEM	Article	An Electrochemical Strategy for the Highly Sensitive Voltammetric Determination of a Cardiovascular β -Blocking Agent in Biological Fluids	Analytical and Bioanalytical Electrochemistry	Q2	14	6	582-597	1618-2642 / 1618-2650	Scopus	http://www.abchem.com/article_253081.html
10	Dr Jyothi C Abbar	CHEM	Article	Impact of an expired hemorheologic drug on the mitigation of zinc corrosion in acidic environment: Insights from chemical, electrochemical, and surface evaluation	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Q1	650	-	129518	09277757, 18734359	Scopus	https://doi.org/10.1016/j.colsurfa.2022.129518
11	Dr Jyothi C Abbar	CHEM	Book Chapter	Metal Oxide-Carbon Nanocomposites for Electrochemical Storage	Energy, Environment, and Sustainability	-	-	-	177-204	E-ISSN-2522-8374 Print ISSN-2522-8366	Scopus	https://doi.org/10.1007/978-981-16-8599-6_3
12	Dr Jyothi C Abbar	CHEM	Article	Photocatalytic activity and anti-microbial application of synthesized Zinc oxide nanoparticles (ZnO Nps) towards remediation of hospital waste water (HWW)	Materials Today: Proceedings	Q2	49	3	699-702	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.05.176
13	Dr Jyothi C Abbar	CHEM	Article	Study of induced amplification of antibacterial activity of ciprofloxacin on coupling with ZnO nanoparticles (ZnONp)	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.05.157
14	Dr Jyoti Roy Choudhuri	CHEM	Book Chapter	Electrochemistry of Organic Electrodes	Engineering Materials	-	-	-	49-67	-	Scopus	https://doi.org/10.1007/978-3-030-88021-4_3
15	Dr Jyoti Roy Choudhuri	CHEM	Article	Experimental and theoretical investigation on the anti-corrosive potential of potassium ethyl xanthogenate for corrosion of mild steel in acidic media	Journal of Chemical Sciences	Q3	134	4	101	0974-3626 / 0973-7103	Scopus	https://doi.org/10.1007/s12039-022-02097-3
16	Dr Sudheer Kumar KH	CHEM	Article	Entada Gigas seeds mediated synthesis of carbon for dielectric and sensing applications	Sensors International	Q1	-	-	100162	26663511	Scopus	https://doi.org/10.1016/j.sintl.2022.100162
17	Dr Sureshkumar K	CHEM	Book Chapter	Carbon nanomaterial-based sensors: An efficient tool in the environmental sectors	Carbon Nanomaterials-Based Sensors: Emerging Research Trends in Devices and Applications	-	-	-	149-165	-	Scopus	https://doi.org/10.1016/B978-0-323-91174-0.00010-X
18	Dr Sureshkumar K	CHEM	Book Chapter	Functional Polymer Materials for Environmental Monitoring and Safety Applications	Energy, Environment, and Sustainability	-	-	-	177-204	E-ISSN-2522-8374 Print ISSN-2522-8366	Scopus	https://doi.org/10.1007/978-981-16-8755-6_9
19	Prof. Ramakrishna T	CHEM	Article	Optimization and Numerical Investigation of organic dye degradation using Response Surface by green synthesized ZnO nanoparticles and its antibacterial activity	Journal of Water and Environmental Nanotechnology	Q3	7	3	267-287	24766615, 24767204	Scopus	https://doi.org/10.22090/jwent.2022.03.004
20	Prof. Ramakrishna T	CHEM	Article	Hydrothermal synthesis of novel heterostructured Ag/TiO ₂ /CuFe ₂ O ₄ nanocomposite: Characterization, enhanced photocatalytic degradation of methylene blue dye, and efficient antibacterial studies	Water Environment Research	Q2	94	6	e10744	10614303, 15547531	Scopus	https://doi.org/10.1002/wer.10744
21	Dr Anupkumar G Ekbote	CIV	Article	Stability analysis of mine overburden dump and improvement by soil nailing	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.03.282
22	Dr Anupkumar G Ekbote	CIV	Article	Determination of shear strength of self-compacting treated recycled aggregate concrete beam elements	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.03.278

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23	Dr Aruna G	CIV	Article	Cold-Formed Steel Equal Angles with Complex Edge Stiffeners under Axial-Compression Laboratory Testing, Numerical Simulation, and Design	Practice Periodical on Structural Design and Construction	Q2	27	2	.04022012	10840680	Scopus	https://ascelibrary.org/doi/abs/10.1061/%28ASCE%29SC.1943-5578.0000678
24	Dr Chandrashekarappa Agasnalli	CIV	Article	AN INTEGRATED STUDY OF LANDSAT ETM AND CARTOSAT DEM DATA IN IDENTIFICATION OF BANDED IRON FORMATIONS (BIFs) ASSOCIATED WITH SULPHIDE MINERALIZATION	Acta Geodynamica et Geomaterialia	Q3	19	1	35-44	12149705	Scopus	https://www.irsm.cas.cz/material/acta_content/2021_doi/Agasnalli_A_GG_2021_0041.pdf
25	Dr Chandrashekarappa Agasnalli	CIV	Article	Global view of lateritic soil improvement for construction purposes in tropical countries	Materials Today: Proceedings	Q2	-	-	-	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.05.158
26	Dr Chandrashekarappa Agasnalli	CIV	Article	Integrated assessment of granite and basalt rocks as building materials	Materials Today: Proceedings	Q2	62	-	5388-5391	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.03.546
27	Dr Deepak M S	CIV	Article	Characteristics of High-Strength High-Performance Concrete under Normal and Accelerated Curing	ACI Materials Journal	Q1	119	1	59-70	0889325X	Scopus	https://www.researchgate.net/publication/357499852_Characteristics_of_High-Strength_High-Performance_Concrete_under_Normal_and_Accelerated_Curing
28	Dr Deepak M S	CIV	Article	Strength Enhancements in Tensile Properties of Steel by Press Brake Cold Forming	Lecture Notes in Civil Engineering	Q4	194	-	29-41	23662557, 23662565	Scopus	10.1016/j.matpr.2022.04.308
29	Dr Deepak M S	CIV	Conference paper	Improvements in Tensile Strength Properties of Steel after Forming	Lecture Notes in Civil Engineering	Q4	277	-	351-360	23662557, 23662565	Scopus	https://doi.org/10.1007/978-981-19-4040-8_29
30	Dr Deepak M S	CIV	Conference paper	Numerical Investigation on Built-Up Cold-Formed Steel Double Decker-I-Beams	Lecture Notes in Civil Engineering	Q4	277	-	35-46	23662557, 23662565	Scopus	https://doi.org/10.1007/978-981-19-4040-8_4
31	Dr Deepak M S	CIV	Conference paper	Exclusion of Non-value Efforts in Construction Projects	Lecture Notes in Civil Engineering	Q4	256	-	617-644	23662557, 23662565	Scopus	https://doi.org/10.1007/978-981-19-1862-9_39
32	Dr Deepak M S	CIV	Article	Strength enhancements across various parts in intermediate and edge stiffened angle sections due to cold-forming	Materials Today: Proceedings	Q2	-	-	-	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.04.308
33	Dr Rajakumara H N	CIV	article	Assessment of Airport Noise Exposure Around Kempegowda International Airport and Spatial Interpolation using Geographical Information System	Indian Journal of Environmental Protection	Q4	42	11	1353-1360	_02537141	Scopus	https://www.e-ijep.co.in/42-11-1353-1360/
34	Dr Rajakumara H N	CIV	Conference paper	Production of High Strength Eco-Concrete Incorporating Alcofine and Basalt Fiber	Lecture Notes in Civil Engineering	Q4	256	-	645-658	23662557, 23662565	Scopus	https://doi.org/10.1007/978-981-19-1862-9_40
35	Dr Rajakumara H N	CIV	Article	Application of Mamdani model-based fuzzy inference system in water consumption estimation using time series	Soft Computing	Q2	-	-	-	14327643, 14337479	Scopus	https://doi.org/10.1007/s00500-022-06966-4
36	Dr Rajesh Gopinath	CIV	Conference paper	Augmentation of Soil-Moisture Retention with Natural Hydrogel Extracted from Fenugreek Seed Husk for Loamy Soil with Real-Time Monitoring Using FC-28 Sensors	ECS Transactions	Not yet assigned quartile	107	1	1139-1152	19385862, 19386737	Scopus	https://iopscience.iop.com/article/10.1149/10701.1139ecst
37	Dr Velumani P	CIV	Article	POTENTIAL UTILIZATION OF INDUSTRY WASTE THROUGH SOLIDIFICATION	Journal of Solid Waste Technology and Management	Q4	48	1	100-109	10881697	Scopus	https://doi.org/10.5276/JSWTM.2022.100
38	Mrs Archana Kumar	CIV	Article	Sustainable integrated urban flood management strategies for planning of smart cities: a review	Sustainable Water Resources Management	Q2	8	3	1-5	23635037, 23635045	Scopus	https://doi.org/10.1007/s40899-022-00666-5
39	Mrs Vinod B. R.	CIV	Article	Lightweight concrete blocks produced using expanded polystyrene and foaming agent	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.10.503
40	Dr Anil G N	CSE	Conference paper	Novel Experimental Prototype for Determining Malicious Degree in Vulnerable Environment of Internet-of-Things	Lecture Notes in Networks and Systems	Q4	503 LNNS	-	200-211	23673370, 23673389	Scopus	https://doi.org/10.1007/978-3-031-09073-8_19
41	Dr Anil G N	CSE	Article	Machine Learning Approach to Detect Drowsiness on Behavioral Parameters	Ymer	Q4	-	1	Jan-15	0044-0477	Scopus	http://ymerdigital.com/uploads/YMER201300.pdf
42	Dr Arunakumari B N	CSE	Article	Indian Sign Language Recognition Using 2-D Convolution Neural Network and Graphical User Interface	International Journal of Image, Graphics and Signal Processing	Not yet assigned quartile	14	2	61-73	20749074, 20749082	Scopus	https://www.researchgate.net/publication/359759809_Indian_Sign_Language_Recognition_Using_2-D_Convolution_Neural_Network_and_Graphical_User_Interface
43	Dr Arunakumari B N	CSE	Conference Paper	Attack and Defense Methodology Against the Share Intents in Android	Lecture Notes in Electrical Engineering	Q4	939	-	141-152	18761100, 18761119	Scopus	https://link.springer.com/chapter/10.1007/978-981-19-4364-5_12
44	Dr Arunakumari B N	CSE	Article	Computer Vision and the IoT-Based Intelligent Road Lane Detection System	Mathematical Problems in Engineering	Q2	-	-	4755113	1024123X, 15635147	Scopus	https://doi.org/10.1155/2022/4755113
45	Dr Arunakumari B N	CSE	Conference Paper	Indian Sign Language to Speech Conversion Using Convolutional Neural Network	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972574
46	Dr Arunkumar B.R.	CSE	Article	Value-Added Courses with industry endorsement for Bridging Curriculum Gap in the Outcome-Based Learning: An Effective Strategy to Post-graduate Studies	Journal of Education	Q2	202	4	463-477	ISSN: 0022-0574 Online ISSN: 2515-5741	Scopus	https://doi.org/10.1177/0022057420972056
47	Dr Arunkumar B.R.	CSE	Article	Study on the Correlation Between the Discrimination Index, Facilitation Value and Distractor Efficiency of a Formative Assessment Useful Tools for OBE Practices	Journal of Engineering Education Transformations	Q3	36	2	46-54	23941707, 23492473	Scopus	https://sciresol.s3.us-east-2.amazonaws.com/srs-ijee/pdf/Volume-36/Issue-2/IJEEET_v36i2_October_2022%20-47-55.pdf

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48	Dr Arunkumar B.R.	CSE	Conference paper	Developing Business-Business Private Block-Chain Smart Contracts Using Hyper-Ledger Fabric for Security, Privacy and Transparency in Supply Chain	Lecture Notes on Data Engineering and Communications Technologies	Q3	71	-	429-440	23674512, 23674520	Scopus	https://doi.org/10.1007/978-981-16-2937-2_26
49	Dr Mahesh G	CSE	Article	Intelligent Feature Subset Selection with Machine Learning Based Detection and Mitigation of DDoS Attacks in 5G Environment	Journal of Interconnection Networks	Q3	-	-	-	02192659, 17936713	Scopus	https://doi.org/10.1142/S0219265921410322
50	Dr Satish Kumar Thyagaraju	CSE	Article	HHO-Based Vector Quantization Technique for Biomedical Image Compression in Cloud Computing	International Journal of Image and Graphics	Q3	-	-	2240008	02194678, 17936756	Scopus	https://doi.org/10.1142/S0219467822400083
51	Dr Satish Kumar Thyagaraju	CSE	Article	Intelligent Fault-Tolerant Mechanism for Data Centers of Cloud Infrastructure	Mathematical Problems in Engineering	Q2	-	-	2379643	1024123X, 15635147	Scopus	https://doi.org/10.1155/2022/2379643
52	Dr Sunanda Dixit	CSE	Conference Paper	Water Animosity Detection and Tainting Emulsion Remover for Lakes	2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/10058658
53	Dr Sunanda Dixit	CSE	Conference Paper	An Overview on Mobile Edge Cloud System	Smart Innovation, Systems and Technologies	Q4	251	-	719-727	21903018, 21903026	Scopus	https://doi.org/10.1007/978-981-16-3945-6_71
54	Mr Anand R	CSE	Conference paper	Emergency Medical Services Using Drone Operations in Natural Disaster and Pandemics	Lecture Notes in Networks and Systems	Q4	311	-	227-239	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-16-5529-6_19
55	Mr Muneshwara M S	CSE	Conference paper	IOT-Based Smart Street Light Control Application for Smart Cities	Lecture Notes in Networks and Systems	Q4	311	-	227-239	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-16-5529-6_26
56	Mr Ravi Kumar B N	CSE	Article	Effective ANN Model based on Neuro-Evolution Mechanism for Realistic Software Estimates in the Early Phase of Software Development	International Journal of Advanced Computer Science and Applications	Q3	13	2	182-193	21565570, 2158107X	Scopus	https://thesai.org/Downloads/Volume13No2/Paper_23-Effective_ANN_Model_based_on_Neuro_Evolution.pdf
57	Mrs Ambika G.N	CSE	Book Chapter	A Survey on Image Emotion Analysis for Online Reviews	Lecture Notes on Data Engineering and Communications Technologies	Q3	101	-	453-461	23674512, 23674520	Scopus	https://link.springer.com/chapter/10.1007/978-981-16-7610-9_33
58	Mrs Ashwini N	CSE	Article	Forecasting of trend-cycle time series using hybrid model linear regression	Intelligent Automation and Soft Computing	Q3	32	2	893-908	10798587, 2326005X	Scopus	https://www.techscience.com/iasc/v32n2/45601/html
59	Mrs Bharathi R	CSE	Conference Paper	Implementation of Lane Change Maneuver System using Neural Network	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	-	-	-	1061-1065	-	Scopus	https://ieeexplore.ieee.org/document/9936393
60	Mrs Bharathi R	CSE	Conference Paper	A Relative Study on Half-Wavelength and Stepped Impedance Resonator based Microstrip Band-Pass Filter	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings	-	-	-	1534-1537	-	Scopus	https://ieeexplore.ieee.org/document/10060401
61	Mrs Bharathi R	CSE	Book Chapter	Development of Diameter Call Simulations Using IPSL Tool for IMS-LTE	Lecture Notes on Data Engineering and Communications Technologies	Q3	68	-	647-661	23674512, 23674520	Scopus	https://doi.org/10.1007/978-981-16-1866-6_46
62	Mrs Chethana C	CSE	Book Chapter	Survey of graph neural network for learning complex problems	Advances in Computers	Q1	-	-	-	_00652458	Scopus	
63	Mrs Chethana C	CSE	Conference Paper	Improved Domain Generation Algorithm To Detect Cyber-Attack With Deep Learning Techniques	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972526
64	Mrs Chethana C	CSE	Conference Paper	Deep Learning Technique Based Intrusion Detection in Cyber-Security Networks	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972350
65	Mrs Chethana C	CSE	Conference Paper	Computation Approach in Steel Manufacturing Industries Through Artificial Neural Network	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9972634
66	Mrs Chethana C	CSE	Conference Paper	Neural Network Approach to Human Brain by Reverse Engineering	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972390
67	Mrs Durga Bhavani A	CSE	Book Chapter	A Review on Intrusion Detection Approaches in Resource-Constrained IoT Environment	Lecture Notes on Data Engineering and Communications Technologies	Q3	68	-	171-183	23674512, 23674520	Scopus	https://link.springer.com/chapter/10.1007/978-981-16-1866-6_12
68	Mrs Srivani P	CSE	Conference paper	Prediction and Comparative Analysis Using Ensemble Classifier Model on Leafy Vegetable Growth Rates in DWC and NFT Smart Hydroponic System	Smart Innovation, Systems and Technologies	Q4	251	-	719-727	21903018, 21903026	Scopus	https://doi.org/10.1007/978-981-16-3945-6_78

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69	Dr Ambika R	ECE	Conference Paper	Impact of the Intelligent Control System in Assisting Humans Regarding Complex Information Processing	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	-	-	-	1401-1405	-	Scopus	https://ieeexplore.ieee.org/document/9985563
70	Dr Anil Kumar D	ECE	Article	Design and FPGA Implementation of High Throughput and Low Latency Machine Learning based Approximate Multiplier for Image Processing Applications	WSEAS Transactions on Systems and Control	Q4	17	33	287-299	22242856, 19918763	Scopus	https://wseas.com/journals/sac/2022/a665103-018(2022).pdf
71	Dr Prachi Sharma	ECE	Article	Synthesis of highly sensitive nanomaterial for ultra-fast photocatalytic activity: A detailed study on photocatalytic capabilities of rod-shaped TiS3 nanostructures	Catalysis Communications	Q1	162	-	106381	15667367	Scopus	https://doi.org/10.1016/j.catcom.2021.106381
72	Dr Rashmi N	ECE	Conference Paper	Design and Implementation of Multiband Microstrip Patch Antenna for 5G-IOT Communication System	6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings	-	-	-	88-93	-	Scopus	https://ieeexplore.ieee.org/document/9987374
73	Dr Rashmi N	ECE	Article	The peak-to-average power ratio reduction using hybrid scheme with companding and discrete Hartley transform for orthogonal frequency division multiplexing system	International Journal of Intelligent Enterprise	Q4	9	3	303-317	17453232, 17453240	Scopus	https://doi.org/10.1504/IJIE.2022.123754
74	Dr Rashmi N	ECE	Article	Hybrid optimization model for design and optimization of microstrip patch antenna	Transactions on Emerging Telecommunications Technologies	Q2	33	12	e4640	21613915, 21615748	Scopus	https://doi.org/10.1002/ett.4640
75	Dr Shobha Rani A	ECE	Conference Paper	Flood Prediction and Alert System using ML and Sensor Networks	3th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2022	-	8	-	373-380	-	Scopus	
76	Dr. Anitha V R	ECE	Conference paper	Circle-to-circle Fractal Antenna Fed by Microstrip for Tri-band Applications	Lecture Notes in Electrical Engineering	Q4	-	839	393-401	18761100, 18761119	Scopus	https://link.springer.com/chapter/10.1007/978-981-16-8554-5_37
77	Dr. Anitha V R	ECE	Article	Parametric Analysis of Compact UWB-MIMO Antenna with Improved Isolation Using Parasitic Reflectors and Protruded Ground Strips	Wireless Personal Communications	Q3	123	3	2209-2225	09296212, 1572834X	Scopus	https://link.springer.com/article/10.1007/s11277-021-09235-z
78	Dr. Dankan Gowda V	ECE	Conference Paper	Covid-19 Prevention Kit Based on an Infrared Touchless Thermometer and Distance Detector	2021 5th International Conference on Electronics, Communication and Aerospace Technology (ICECA)	-	-	-	358-362	-	Scopus	https://ieeexplore.ieee.org/document/9676014
79	Dr. Dankan Gowda V	ECE	Conference paper	IoT Group Key Management using Incremental Gaussian Mixture Model	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	-	-	-	469-474	-	Scopus	https://ieeexplore.ieee.org/document/9885644
80	Dr. Dankan Gowda V	ECE	Conference paper	Design and Implementation of a System for Vehicle Accident Reporting and Tracking	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	-	-	-	349-353	-	Scopus	https://ieeexplore.ieee.org/document/9835896
81	Dr. Dankan Gowda V	ECE	Article	IOT Based Smart Health Care System to Monitor Covid-19 Patients	International Journal of Electrical and Electronics Research	-	10	1	36-40	2347-470X	Scopus	https://www.academia.edu/76299707/IOT_Based_Smart_Health_Care_System_to_Monitor_Covid_19_Patients
82	Dr. Dankan Gowda V	ECE	Article	Vector space modelling-based intelligent binary image encryption for secure communication	Journal of Discrete Mathematical Sciences and Cryptography	Q3	-	-	-	09720529	Scopus	https://doi.org/10.1080/09720529.2022.2075090
83	Dr. Dankan Gowda V	ECE	Conference paper	Internet of Things and Cognitive Radio Networks: Applications, Challenges and Future	Lecture Notes in Electrical Engineering	Q4	906	-	19-27	18761100, 18761119	Scopus	https://doi.org/10.1007/978-981-19-2468-2_3
84	Dr. Dankan Gowda V	ECE	Article	A novel method of data compression using ROI for biomedical 2D images	Measurement: Sensors	Q3	24	-	100439	26659174	Scopus	https://doi.org/10.1016/j.measen.2022.100439
85	Dr. Dankan Gowda V	ECE	Article	Industrial quality healthcare services using Internet of Things and fog computing approach	Measurement: Sensors	Q3	24	-	100517	26659174	Scopus	https://doi.org/10.1016/j.measen.2022.100517
86	Dr. Dankan Gowda V	ECE	Conference paper	Priority Queueing Model-Based IoT Middleware for Load Balancing	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	-	-	-	425-430	-	Scopus	https://ieeexplore.ieee.org/document/9788218
87	Dr. H. S. Laxmisagar	ECE	Article	Detection of Breast Cancer with Lightweight Deep Neural Networks for Histology Image Classification	Critical Reviews in Biomedical Engineering	Q3	50	2	_1-19	0278940X	Scopus	https://www.dl.begeelhouse.com/journals/4b27bfc562e21b8_4ed5ec7a59d70e1c.39f844447e26a230.html

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88	Dr. H. S. Laxmisagar	ECE	Article	Evaluating the Statistical Stability of POSIT Arithmetic and IEEE 754 Float to Accelerate Data for Detection of Breast Cancer	SSRG International Journal of Electrical and Electronics Engineering	-	9	9	47-53	23488379	Scopus	https://www.internationaljournalssrg.org/IEEE/2022/Volume9-Issue9/IEEE-V9I9P106.pdf
89	Dr.Vijayalakshmi G V	ECE	Conference Paper	A Hierarchical Machine Learning Frame Work to Classify Breast Tissue for Identification of Cancer	Lecture Notes in Electrical Engineering	Q4	-	-	5054-515	18761100, 18761119	Scopus	https://doi.org/10.1007/978-981-16-6554-7_86
90	Dr.Vijayalakshmi G V	ECE	Article	Bilingual text detection from natural scene images using faster R-CNN and extended histogram of oriented gradients	Pattern Analysis and Applications	Q2	-	-	Jan-13	14337541, 1433755X	Scopus	https://link.springer.com/article/10.1007/s10044-022-01066-3
91	Smt. Asha G Hagargund	ECE	Conference Paper	Performance analysis of cost effective multi-hop Time Sensitive Network for IEEE 802.1Qbv and IEEE 802.1Qbu standards	Journal of Physics: Conference Series	Q4	2161	1	12002	17426588, 17426596	Scopus	https://iopscience.iop.org/article/10.1088/1742-6596/2161/1/012002
92	Smt. Sabina Rahaman	ECE	Article	Nanoarchitectonics earth-abundant chalcogenide Cu ₂ SnS ₃ thin film using ultrasonic spray pyrolysis for visible light-driven photocatalysis	Applied Physics A: Materials Science and Processing	Q2	128	1	01-Oct	09478396, 14320630	Scopus	https://doi.org/10.1007/s00339-021-05174-5
93	Smt. Sabina Rahaman	ECE	Article	Probing the bandstructure dependent figures of merit in InAs/GaAs quantum dot photodetectors	Micro and Nanostructures	Not yet assigned quartile	168	-	207328	2773-0123	Scopus	https://doi.org/10.1016/j.micrna.2022.207328
94	Smt. Sabina Rahaman	ECE	Article	Optimization and fabrication of low cost Cu ₂ SnS ₃ /ZnS thin film heterojunction solar cell using ultrasonic spray pyrolysis	Optical Materials	Q1	123	-	111838	9253467	Scopus	https://doi.org/10.1016/j.optmat.2021.111838
95	Sri. Jagannatha. K.B	ECE	Article	A composition-dependent thermal behavior of Si ₂₀ Te _{80-x} Sn _x glasses: Observation of Boolchand intermediate phase	Journal of Non-Crystalline Solids	Q1	577	-	-	0022-3093	Scopus	https://doi.org/10.1016/j.jnoncrysol.2021.121311
96	Sri. Jagannatha. K.B	ECE	Article	Switching, Raman and morphological studies on Si ₂₀ Te ₇₄ Sn ₆ chalcogenide glass	Materials Today: Proceedings	Q2	56	-	3755-3759	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.01.014
97	Sri. Jagannatha. K.B	ECE	Article	Switching, optical, Raman, and Morphological investigations on Sn doped SiTe glasses and thin films	Thin Solid Films	Q2	759	-	139472	00406090	Scopus	https://doi.org/10.1016/j.tsf.2022.139472
98	Sri. Saneesh Cleatus Thundiyl	ECE	Article	Epileptic Seizure Detection using Spectral Transformation and Convolutional Neural Networks	Journal of The Institution of Engineers (India): Series B	Q4	-	-	-	22502106, 22502114	Scopus	https://link.springer.com/article/10.1007/s40031-021-00693-4
99	Mr Babu Naik Gugulothu	EEE	Conference Paper	Monitoring of Critical Buses in Real-Time by Using PMU for 72-Bus	Lecture Notes in Electrical Engineering	Q4	862	-	431-440	18761100, 18761119	Scopus	https://doi.org/10.1007/978-981-19-0252-9_39
100	Mr Babu Naik Gugulothu	EEE	Conference Paper	Cable Faults Identifying Review and Procedure for New Instrument	Lecture Notes in Electrical Engineering	Q4	862	-	361-371	18761100, 18761119	Scopus	https://doi.org/10.1007/978-981-19-0252-9_33
101	Mr Babu Naik Gugulothu	EEE	Conference Paper	Real-Time Monitoring of Buses Utilizing Phasor Measurement Units for a 24-Bus System	Lecture Notes in Electrical Engineering	Q4	881	-	881-890	18761100, 18761119	Scopus	https://doi.org/10.1007/978-981-19-1111-8_69
102	Mr Babu Naik Gugulothu	EEE	Book Chapter	Convolutional Neural Network Based on Self-Driving Autonomous Vehicle (CNN)	Lecture Notes on Data Engineering and Communications Technologies	Q3	96	-	929-943	23674512, 23674520	Scopus	https://doi.org/10.1007/978-981-16-7167-8_68
103	Mrs Manjula B K	EEE	Conference Paper	Signal conditioning circuit of linear variable differential transformer	AIP Conference Proceedings	Not yet assigned quartile	2418	-	.040009	0094243X, 15517616	Scopus	https://doi.org/10.1063/5.0090087
104	Dr.Madhu Palati	EEE	Conference Paper	Studies on different charging techniques of high voltage pulse generators	AIP Conference Proceedings	Not yet assigned quartile	2418	-	.042008	0094243X, 15517616	Scopus	https://doi.org/10.1063/5.0081689
105	Dr.Madhu Palati	EEE	Conference Paper	Modeling and analysis of smart power system	Artificial Intelligence-based Smart Power Systems	-	-	-	15-36	ISBN: 978-1-119-89398-1	Scopus	https://online.library.wiley.com/doi/abs/10.1002/9781119893998.ch2
106	Dr.Madhu Palati	EEE	Article	Characterization of a compact low cost 6.5kV Cockcroft voltage multiplier	Bulletin of Electrical Engineering and Informatics	Q3	11	4	1789-1797	20893191, 23029285	Scopus	https://doi.org/10.11591/eei.v11i4.3809
107	Dr.Madhu Palati	EEE	Conference Paper	Simulation studies on nano-hybrid polymer composites as covered conductor for enhancing the insulation characteristics of low voltage and medium voltage applications	Materials Today: Proceedings	Q2	49	3	559-563	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.04.206
108	Dr.Madhu Palati	EEE	Conference Paper	Real-Time Flora Species Identification Using Unmanned Aerial Vehicle	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972570

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109	Dr.Prashanth N A	EEE	Article	Multi-Population based PSO algorithm for optimization of small-scale wind turbine PMSG	AIP Conference Proceedings	Not yet assigned quartile	2418	-	.040006	0094243X, 15517616	Scopus	https://doi.org/10.1063/5.0081767
110	Dr.Prashanth N A	EEE	Conference Paper	Flux maximization in wind turbine permanent magnet synchronous generator made of NdFeB permanent magnets	Materials Today: Proceedings	Q2	49	3	731-737	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.05.224
111	Dr.Prashanth N A	EEE	Conference Paper	Design Of Integrated Dual Output Converter For SMPS Application in Matlab/Simulink	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972368
112	Manjunatha Babu	EEE	Article	Method for Contingency Ranking Based On Voltage Stability Criteria in Radial Distribution Systems.	Technology and Economics of Smart Grids and Sustainable Energy	Q2	7	9	1-15	21994706	Scopus	https://doi.org/10.1007/s40866-022-00137-y
113	Mr Ozwin Dominic Dsouza	EEE	Book Chapter	A Comprehensive Review of Student Data Management System	Lecture Notes on Data Engineering and Communications Technologies	Q3	116	-	813-822	23674512, 23674520	Scopus	https://doi.org/10.1007/978-981-16-9605-3_56
114	Mrs Shilpa G	EEE	Conference Paper	Solar Operated Smart Elevator	Lecture Notes in Electrical Engineering	Q4	862	-	419-430	18761100, 18761119	Scopus	https://doi.org/10.1007/978-981-19-0252-9_38
115	Mrs Suma Umesh	EEE	Article	Nanocrystalline Spinel CoFe2O4 Thin Films Deposited via Microwave-Assisted Synthesis for Sensing Application	Journal of Electronic Materials	Q3	51	9	5395-5404	0361-5235 / 1543-186X	Scopus	https://doi.org/10.1007/s11664-022-09789-z
116	Dr Mallikarjuna Gowda C. P	ETE	Article	Optimization in the Ad Hoc On-Demand Distance Vector Routing Protocol	Wireless Communications and Mobile Computing	Q2	-	-	7322291	1530-8669 (1530-8677)	Scopus	https://doi.org/10.1155/2022/7322291
117	Dr Sumathi M. S	ETE	Conference Paper	Web Sensor Network for Health Monitoring Systems	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings,	-	-	-	1530-1533	-	Scopus	https://ieeexplore.ieee.org/document/10060685
118	Dr Sumathi M. S	ETE	Conference Paper	Security System Using PIR Sensors	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings, 2022	-	-	-	152-1529	-	Scopus	https://ieeexplore.ieee.org/abstract/document/10060701
119	Dr. Raghunandan G H	ETE	Conference Paper	Quantitative Analysis of Sustainable Energy Based Charging Systems	ICDCS 2022 - 2022 6th International Conference on Devices, Circuits and Systems	-	-	-	53-57	-	Scopus	10.1109/ICDCS54290.2022.9780807
120	Dr. Raghunandan G H	ETE	Book Chapter	Drone Integrated Detection and Rebarbative System with Variable Frequency for Agricultural Farm Invading Animals	Lecture Notes on Data Engineering and Communications Technologies	Q3	137	-	173-185	23674512, 23674520	Scopus	https://doi.org/10.1007/978-981-19-2600-6_12
121	Mr Banuprakash R	ETE	Conference Paper	A Circular Microstrip Antenna for K Band Applications	5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings	-	-	-	636-643	-	Scopus	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9850665
122	Mr Banuprakash R	ETE	Conference Paper	A compact frequency reconfigurable antenna for wireless applications using PIN diodes	AIP Conference Proceedings	Not yet assigned quartile	2461	-	.080001	0094243X, 15517616	Scopus	https://doi.org/10.1063/5.0092481
123	Mr Siddiq Iqbal	ETE	Article	Secure Key Management Scheme for Hierarchical Network Using Combinatorial Design	Journal of Information Systems and Telecommunication	Q4	10	37	20-27	23221437, 23452773	Scopus	http://jst.in/en/Article/15691
124	Mrs Saritha I G	ETE	Article	Secure Adaptive Cluster based Routing Using Multi Objective-Trust based Hybrid Optimization Algorithm for CPS	International Journal of Intelligent Engineering and Systems	Q3	15	6	609-617	21853118, 2185310X	Scopus	https://inass.org/wp-content/uploads/2022/08/2022123154-2.pdf
125	Dr Anil Kumar	ISE	Conference Paper	Machine Learning based framework to predict the Network Usage in Smart Parking Applications	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022,	-	-	-	432-435	-	Scopus	https://ieeexplore.ieee.org/document/10057657
126	Dr Anjan Krishnamurthy	ISE	Article	A typical analysis of hybrid covert channel using constructive entropy analytics	International Journal of Electrical and Computer Engineering	Q2	12	4	3820-3826	20888708	Scopus	http://doi.org/10.11591/ijece.v12i4.pp3820-3826
127	Dr Anjan Krishnamurthy	ISE	Conference Paper	Characteristic Overview of Digital Image Forensics Tools	Lecture Notes in Networks and Systems	Q4	311	-	227-239	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-16-6407-6_15
128	Dr Anjan Krishnamurthy	ISE	Book Chapter	Machine Learning-Based Security Authentication for Wireless Multimedia Network	Lecture Notes in Networks and Systems	Q4	311	-	227-239	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-16-0739-4_83
129	Dr Basavaraj G N	ISE	Article	Reliability-driven time series data analysis in multiple-level deep Learning methods utilizing soft computing methods	Measurement: Sensors	Q3	24	-	100501	26659174	Scopus	https://doi.org/10.1016/j.measen.2022.100501

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130	Dr Drakshaveni G	ISE	Article	Improvised convolutional auto encoder for thyroid nodule image enhancement and segmentation	Indonesian Journal of Electrical Engineering and Computer Science	Q3	6	1	342-351	25024752, 25024760	Scopus	http://doi.org/10.11591/ijeecs.v26.i1.pp342-351
131	Dr P Sudarsanam	ISE	Conference paper	Learning of Advanced Telecommunication Computing Architecture (ATCA)-Based Femto Gateway Framework	Lecture Notes in Networks and Systems	Q4	311	-	227-239	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-16-2126-0_32
132	Dr P Sudarsanam	ISE	Conference paper	Fault-Tolerant Cluster Head Selection Using Game Theory Approach in Wireless Sensor Network	Lecture Notes in Networks and Systems	Q4	311	-	227-239	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-16-5640-8_32
133	Dr Prakash G L	ISE	Article	Hybrid deep learning model based on Intelligent Microbat Routing (IMR) and Popularity Content Caching (PCC) for an effective caching and routing in vehicular edge networks	Computers and Electrical Engineering	Q1	103	-	108353	_00457906	Scopus	https://doi.org/10.1016/j.compeleceng.2022.108353
134	Dr Sheela Kathavate	ISE	Conference Paper	Diabetic Retinopathy Detection using MobileNetV2 Architecture	1st IEEE International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9761289
135	Dr Surekha K B	ISE	Conference Paper	Arbitrage: Stock Market Comparative Analysis	4th International Conference on Circuits, Control, Communication and Computing, I4C 2022,	-	-	-	486-490	-	Scopus	https://ieeexplore.ieee.org/document/10057786
136	Dr Swetha M S	ISE	Article	Design and development of anonymous location based routing for mobile ad-hoc network	International Journal of Electrical and Computer Engineering	Q2	12	3	2743-2755	20888708	Scopus	https://ieeae.iaescore.com/index.php/IJECE/article/view/23979/15652
137	Dr Swetha M S	ISE	Conference Paper	Classification of Malicious Websites Using Feature Based Machine Learning Techniques	Lecture Notes in Networks and Systems	Q4	471 LNNS	-	581-590	23673370, 23673389	Scopus	https://ieeexplore.ieee.org/abstract/document/9788418
138	Dr Swetha M S	ISE	Conference Paper	Developing Virtual Police Station to Receive FIR through Digital Signature	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	-	-	-	837-844	-	Scopus	https://ieeexplore.ieee.org/abstract/document/9788418
139	Dr Veena N	ISE	Conference Paper	Heart Disease Prediction Using Soft Computing Methods	Lecture Notes in Networks and Systems	Q4	471 LNNS	-	660-668	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-19-3394-3_76
140	Dr. Manjunath T N	ISE	Conference Paper	A Survey on Machine Learning Techniques Using Quantum Computing	4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/abstract/document/10059764
141	Dr. Manjunath T N	ISE	Conference Paper	Development of Security Performance and Comparative Analyses Process for Big Data in Cloud	Emerging Research in Computing, Information, Communication and Applications	-	789	-	147-160	1876-1100	Scopus	https://link.springer.com/chapter/10.1007/978-981-16-1338-8_13
142	Dr. Manjunath T N	ISE	Conference Paper	Enhanced Efficient and Security in Big Data Using TDES And Machine Learning Technique	IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCCE 2022	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9792642
143	Mr Chandrashekara K T	ISE	Article	Pneumonia Detection Using Novel Deep Learning Techniques	Journal of Pharmaceutical Negative Results	Not yet assigned quartile	13	-	1098-1109	09769234, 22297723	Scopus	https://doi.org/10.47750/pnr.2022.13.509.131
144	Mrs Shanthi D L	ISE	Conference Paper	Maximization of Disjoint K-cover Using Computation Intelligence to Improve WSN Lifetime	Lecture Notes in Networks and Systems	Q4	458	-	223-238	23673370, 23673389	Scopus	https://doi.org/10.1007/978-981-19-2894-9_17
145	Mrs Shanthi D L	ISE	Article	Optimized artificial neural network assisted trade-off between transmission and delay in LTE networks	Materials Today: Proceedings	Q2	56	-	1790-1794	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.10.471
146	Mrs Vinutha K	ISE	Article	Undergraduate engineering students employment prediction using hybrid approach in machine learning	International Journal of Electrical and Computer Engineering	Q2	12	3	2783-2791	20888708	Scopus	https://ieeae.iaescore.com/index.php/IJECE/article/view/24948/15655
147	Smt. S. Mahalakshmi	ISE	Conference Paper	Condition Monitoring of a Sprinkler System Using Feedback Mechanism	Intelligent Sustainable Systems, Lecture Notes in Networks and Systems, Springer	Q4	213	-	503-514	Online ISBN 978-981-16-2422-3	Scopus	https://doi.org/10.1007/978-981-16-2422-3_39
148	Smt. S. Mahalakshmi	ISE	Article	Adaptive ambulance monitoring system using IOT	Measurement: Sensors	Q3	24	-	100555	26659174	Scopus	https://doi.org/10.1016/j.measen.2022.100555
149	Smt. S. Mahalakshmi	ISE	Conference Paper	Automated Identification of Car Parking Slot and Bill Generation System	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	-	-	-	633-637	-	Scopus	10.1109/ICEARS53579.2022.9751849
150	Dr Pushpa B V	MATHS	Article	Control of buoyant flow and heat dissipation in a porous annular chamber using a thin baffle	Indian Journal of Physics	Q3	96	6	1767-1781	.09731458, 09749845	Scopus	https://doi.org/10.1007/s12648-021-02120-2

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151	Dr. Arnab Bhattacharyya	MATHS	Article	A numerical and statistical approach to capture the flow characteristics of Maxwell hybrid nanofluid containing copper and graphene nanoparticles	Chinese Journal of Physics	Q2	77	-	1278-1290	0577-9073	Scopus	https://doi.org/10.1016/j.cjph.2021.09.015
152	Dr. Arnab Bhattacharyya	MATHS	Article	Modeling and interpretation of peristaltic transport of Eyring–Powell fluid through uniform/non-uniform channel with Joule heating and wall flexibility	Chinese Journal of Physics	Q2	80	-	167-182	0577-9073	Scopus	https://doi.org/10.1016/j.cjph.2022.06.018
153	Mrs. Sreelakshmi T K	MATHS	Article	Dynamics of ferromagnetic due to nonlinear thermal buoyancy when Cattaneo–Christov heat flux and magnetic dipole whose magnetic scalars are significant	Waves in Random and Complex Media	Q1	32	2	-	17455030	Scopus	https://doi.org/10.1080/17455030.2022.2028931
154	Dr Sridevi Mutyala	MCA	Book Chapter	A framework for analysing social media and digital data by applying machine learning techniques for pandemic management	Advances in Data Science and Analytics: Concepts and Paradigms		-	-	313-326		Scopus	https://doi.org/10.1002/9781119792826.ch14
155	Dr. P Ganesh	MCA	Article	Implementation of Hidden Node Detection Scheme for Self-Organization of Data Packet	Wireless Communications and Mobile Computing	Q2	2022	Special	44570	1530-8669 (1530-8677)	Scopus/WoS	https://doi.org/10.1155/2022/1332373
156	Mr Dwarakanath G V	MCA	Conference Paper	IoT based manhole cover management	AIP Conference Proceedings	Not yet assigned quartile	2461	-	20006	0094243X, 15517616	Scopus	https://doi.org/10.1063/5.0092401
157	Mr Dwarakanath G V	MCA	Article	WORLD'S GDP PREDICTION USING MACHINE LEARNING	Journal of Positive School Psychology	-	6	4	1039-1047	2717-7564	Scopus	https://journalppw.com/index.php/jpspp/article/view/2973/1929
158	Mr. Venkatesh A	MCA	Article	Implementing Node State Information based Clustering for WSN	Journal of Xi'an Shiyou University, Natural Science Edition	Q2	18	3	69-78	1673-064x	Scopus	https://www.xisdxixu.asia/V18i03-06.pdf
159	Mrs Nirupama K	MCA	Conference Paper	Intrusion Detection System(IDS) Analysis Using ML	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9972442
160	Mrs Nirupama K	MCA	Conference Paper	Network Intrusion Detection using Decision Tree and Random Forest	Proceedings - IEEE International Conference on Advances in Computing, Communication and Applied Informatics.	-	-	-	-	-	Scopus	https://ieeexplore.ieee.org/document/9752578
161	Dr K M Sathish Kumar	ME	Article	Experimental Investigation to Confirm the Presence of TiB2 Reinforcements in the Matrix and Effect of Artificial Aging on Hardness and Tensile Properties of Stir-Cast LM4-TiB2 Composite	Crystals	Q2	12	8	1114	20734352	Scopus	https://doi.org/10.3390/cryst12081114
162	Dr Ravichandra K R	ME	Article	Coaxiality error analysis and optimization of cylindrical parts of CNC turning process	International Journal of Advanced Manufacturing Technology	Q1	120	(9-10)	6617-6634	0268-3768 / 1433-3015	Scopus	https://link.springer.com/article/10.1007/s00170-022-09184-2
163	Dr Santosh Kumar	ME	Article	Color tunable SrZrO3:Sm3+ nanopowders with satisfactory photoluminescent, band engineering properties for warm white LEDs and advanced forensic applications	Journal of Molecular Structure	Q2	1254	-	132302	00222860	Scopus	https://doi.org/10.1016/j.molstruc.2021.132302
164	Dr Govindaraju H K	ME	Conference Paper	Evaluation of fatigue behavior of Al6061-T6 alloy using rotating bending test	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.10.483
165	Dr Keerthi Kumar N	ME	Conference Paper	Effect of E-Learning on the Academic Achievement of Students	ECS Transactions	Not yet assigned quartile	107	1	9957-9966	19385862, 19386737	Scopus	https://iopscience.iop.org/article/10.1149/10701.9957ecst/pdf
166	Dr Keerthi Kumar N	ME	Conference Paper	Experimental investigation of direct injection diesel engine using waste plastic oil as fuel	IOP Conference Series: Earth and Environmental Science	Not yet assigned quartile	1084	1	12009	17551315, 17551307	Scopus	https://iopscience.iop.org/article/10.1088/1755-1315/1084/1/012009/meta
167	Dr Keerthi Kumar N	ME	Article	Dairy scum methyl ester production and its performance testing on a CI engine at different compression ratiosQ	Materials Today: Proceedings	Q2	54	-	270-273	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.09.155
168	Dr Keerthi Kumar N	ME	Article	Parametric optimization of hot chamber pressure die casting process	Materials Today: Proceedings	Q2	-	-	-	22147853	Scopus	https://www.researchgate.net/publication/349632618_Parametric_optimization_of_hot_chamber_pressure_die_casting_process
169	Dr Keerthi Kumar N	ME	Article	Performance evaluation of artificial neural networks in sustainable modelling biodiesel synthesis	Sustainable Energy Technologies and Assessments	Q1	52	-	102098	22131388	Scopus	https://doi.org/10.1016/j.seta.2022.102098
170	Dr Nagamadhu M	ME	Article	Influence of textile properties and textile pattern on sisal reinforced Poly Vinyl Ester (Flex GR 200-60) composite	Advances in Materials and Processing Technologies	Q2	-	-	-	2374068X, 23740698	Scopus	https://doi.org/10.1080/2374068X.2022.2092316
171	Dr Nagamadhu M	ME	Article	Dynamic Mechanical Analysis, Biodegradability and Water Absorption Behavior of Permanganate Treated Woven Fabrics/Polyvinyl Alcohol Composites	Journal of Natural Fibers	Q2	-	-	-	1544046X, 15440478	Scopus	https://doi.org/10.1080/15440478.2022.2068175
172	Dr Nagamadhu M	ME	Article	A critical review on microstructure and hardness of aluminum alloy 6061 joints obtained by friction stir welding-past, present, and its prospects	Materials Today: Proceedings	Q2	-	-	-	22147853	Scopus	https://doi.org/10.1016/j.matpr.2022.11.362
173	Dr Nagamadhu M	ME	Article	Experimental Investigation on the Performance of Different Cutting Fluids on Cutting Force During Turning of Duplex Stainless Steel-2205 under MQL Technique	Mathematical Modelling of Engineering Problems	Q3	9	1	136-143	23690739, 23690747	Scopus	https://doi.org/10.18280/mmep.090117

SLNo	Faculty Name	Department	Type of Paper	Title of the Publication	Name of the Journal /Conference Proceedings	Scimago Journal & Country Rank	Volume	Issue	Page No.	ISSN	Indexing - Scopus, WoS etc.	DOI/LINK
174	Dr. Kiran M D	ME	Article	Fracture Toughness of CNT Filled Carbon Fabric Reinforced Epoxy Composites	Materials Research Innovations	Q3	26	2	107-112	14328917, 1433075X	Scopus	https://doi.org/10.1080/14328917.2021.1888511
175	Dr. Kiran M D	ME	Conference Paper	Mechanical properties of HNT filled carbon fabric epoxy composites	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.12.139
176	Dr. Kiran M D	ME	Conference Paper	Tensile and impact strength of nickel coated short carbon fiber reinforced polyester composite	Materials Today: Proceedings	Q2	49	3	632-637	22147853	Scopus	https://doi.org/10.1016/j.matpr.2021.10.481
177	Dr Yashaswini D K	PHYSICS	Article	Enhanced photoluminescence and decay studies of Li co-doped LaAlO ₃ :Ce ³⁺ phosphor for display applications	European Physical Journal Plus	Q2	137	5	630	21905444	Scopus	https://doi.org/10.1140/epjp/s13360-022-02834-0
178	Dr Daruka Prasad B	PHYSICS	Article	PANI-molybdate nanocomposites: Structural, morphological and dielectric properties for the effective electromagnetic interference (EMI) shielding applications in X-band	Applied Surface Science Advances	Q2	7	-	100203	26665239	Scopus	https://doi.org/10.1016/j.apsadv.2021.100203
179	Dr Daruka Prasad B	PHYSICS	Article	PVA-Bismuth zirconium oxide nanocomposites using BSA protein: Properties and their applications to WLEDs, anti-counterfeiting and forensic fields	Chemical Physics	Q2	563	-	111656	0301-0104 / 1873-4421	Scopus	https://doi.org/10.1016/j.chemphys.2022.111656
180	Dr Daruka Prasad B	PHYSICS	Article	Functionalized surfaces created by perturbation in luminescent polymer nanocomposites: Materials for forensic and security ink applications	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Q1	634	-	127770	09277757, 18734359	Scopus	https://doi.org/10.1016/j.colsurfa.2021.127770
181	Dr Daruka Prasad B	PHYSICS	Article	Dy ³⁺ ions activated CaAl ₂ O ₄ nanophosphors: Photoluminescent and photometric properties prompted manifold applications	Inorganic Chemistry Communications	Q2	142	-	109619	1387-7003	Scopus	https://doi.org/10.1016/j.inoche.2022.109619
182	Dr Daruka Prasad B	PHYSICS	Article	Photochromic, down-conversion nano bismuth chloride layered material: Latent fingerprint visualization and data security applications	Journal of Luminescence	Q2	252	-	119328	00222313	Scopus	https://doi.org/10.1016/j.jlumin.2022.119328
183	Dr Daruka Prasad B	PHYSICS	Article	Thunbergia mysorensis mediated nano silver oxide for enhanced antibacterial, antioxidant, anticancer potential and in vitro hemolysis evaluation	Journal of Molecular Structure	Q2	1255	-	132455	00222860	Scopus	https://doi.org/10.1016/j.molstruc.2022.132455
184	Dr Dhananjaya N	PHYSICS	Article	Electrochemical, photoluminescence and intensity parameters of LaOCl: Dy ³⁺ for sensors and white light-emitting diode applications	Applied Surface Science Advances	Q2	9	-	100253	26665239	Scopus	https://doi.org/10.1016/j.apsadv.2022.100253
185	Dr Dhananjaya N	PHYSICS	Article	Preparation and characterization of multifunctional Li+ co-doped LaOCl: Eu ³⁺ for sensor, phosphor and catalytic applications	Inorganic Chemistry Communications	Q2	139	-	109402	1387-7003	Scopus	https://doi.org/10.1016/j.inoche.2022.109402
186	Dr Dhananjaya N	PHYSICS	Article	Comparative study on photocatalytic degradation and sensor properties of Chonemopha fragrans leaf extract assisted Mg _x Zn _{1-x} O (0 ≤ x ≤ 1) nanoparticles	Inorganic Chemistry Communications	Q2	144	-	109827	1387-7003	Scopus	https://doi.org/10.1016/j.inoche.2022.109827
187	Dr Dhananjaya N	PHYSICS	Article	LaAlO ₃ :Dy ³⁺ perovskite for white light emitting phosphors suitable for display devices	Journal of Materials Science: Materials in Electronics	Q2	33	-	4400-4414	0957-4522	Scopus	https://link.springer.com/article/10.1007/s10854-021-07632-5
188	Dr Dhananjaya N	PHYSICS	Article	Photocatalytic, shielding and cytotoxic properties of reduced graphene oxide and Barium Ferrite nanocomposite synthesized via green combustion method	Journal of Science: Advanced Materials and Devices	Q1	7	3	100442	2468-2179	Scopus	https://www.sciencedirect.com/science/article/pii/S246821792000260
189	Dr Dhananjaya N	PHYSICS	Article	X-ray / gamma ray radiation shielding properties of α-Bi ₂ O ₃ synthesized by low temperature solution combustion method	Nuclear Engineering and Technology	Q2	54	3	1062-1070	1738-5733	Scopus	https://www.sciencedirect.com/science/article/pii/S1738573321005659
190	Dr Dhananjaya N	PHYSICS	Article	The role of deformations and orientations in an alpha ternary fission of Thorium	Nuclear Science and Techniques	Q2	33	6	67	1001-8042 / 2210-3147	Scopus	https://doi.org/10.1007/s41365-022-01060-8
191	Dr Dhananjaya N	PHYSICS	Article	Synthesis and characterization of Barium ferrite nano-particles for X-ray/gamma radiation shielding and display applications	Progress in Nuclear Energy	Q1	147	-	104187	0149-1970	Scopus	https://www.sciencedirect.com/science/article/abs/pii/S0149197022000658
192	Dr. Venkatesh. R	PHYSICS	Article	Antibacterial Study of LaAlO ₃ :Dy ³⁺ : Bi ³⁺ Nanoparticles Synthesized by Modified Combustion Technique	ECS Transactions	Not yet assigned quartile	107	1	-	19385862, 19386737	Scopus	https://iopscience.iop.org/article/10.1149/10701.14985sect/pdf
193	Dr. Venkatesh. R	PHYSICS	Article	Rare earth activated bio synthesis of zinc aluminate for photocatalytic activity of dye	Materials today :Proceedings	Q2	49	-	628-631	22147853	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321034583
194	Dr. Venkatesh. R	PHYSICS	Article	Green combustion synthesis of ZnAl ₂ O ₄ :Eu ³⁺ nanoparticle for photocatalytic activity	Materials today :Proceedings	Q2	49	-	583-587	22147853	Scopus	https://www.sciencedirect.com/science/article/pii/S2214785321034337