Dr. Mahalingam College of Engineering and Technology, Pollachi

Office of Dean Research & Innovation

Research Publication Details

AY 2022 – 2023

Research Publications		No. of Publications	Total
Journals	Q1	31	94
	SCIE	39	
	Scopus	24	
Books		02	160
Book Chapters		19	
Conferences		139	
	TOTAL		**254**

JOURNAL PUBLICATIONS

Dr. Mahalingam College of Engineering and Technology
Office of Dean Research & Innovation
Research Publication Details
AY 2022 -2023

S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
1	Civil Engineering	**Natarajan Narayanan,** Vasudevan Mangottiri, Suresh Kumar Govindarajan	Confronting Heterogeneous Sorption And Hydrodynamic Dispersion On Solute Transport In A Fracture- Skin-Matrix System Using Spatial Moment Analysis	Environmental Science and Pollution Research, Springer	July, 2022	https://doi.org/10.1007/s11356-021-17712-y	SCIE (Q1)
2	Civil Engineering	Balaganesh P, Vasudevan M, **Natarajan N**	Evaluating Sewage Sludge Contribution During Co-Composting Using Cause-Evidence-Impact Analysis Based On Morphological Characterization.	Environmental Science and Pollution Research, Springer	July, 2022	https://doi.org/10.1007/s11356-022-19246-3	SCIE (Q1)
3	Civil Engineering	Gupta, D., **Natarajan, N**. & Berlin	Short Term Wind Speed Forecasting Using Hybrid Machine Learning Techniques	Environmental Science and Pollution Research, Springer	July, 2022	https://doi.org/10.1007/s11356-021-15221-6	SCIE (Q1)
4	Civil Engineering	**Narayanan Natarajan**, Mangottiri Vasudevan & Shafiqur Rehman	Evaluation of Suitability of Wind Speed Probability Distribution Models: A Case Study From Tamil Nadu,India	Environmental Science and Pollution Research, Springer	December, 2022	https://doi.org/10.1007/s11356-021-14315-5	SCIE (Q1)
5	Civil Engineering	**Narayanan Natarajan**, Sugashini Masillamani Selvi, Kesavan Ravikumar, Arun Dharshini, Rajendran, Anushya Banu Bagavathi.	Correlating The Trends of COVID-19 Spread And Air Quality During Lockdowns In Tier-I And Tier-II Cities of India— Lessons Learnt And Futuristic Strategies	Environmental Science and Pollution Research, Springer	December, 2022	https://doi.org/10.1007/s11356-021-16028-1	SCIE (Q1)
6	Civil Engineering	Thangavelu Arumugam, Sridhar Ramachandran, Sapna Kinattinkara, Sampathkumar Velusamy, Manoj Shanmugamoorthy, **Suthaviji Shanmugavadivel**	Bayesian Networks And Intelligence Technology Applied To Climate Change: An Application of Fuzzy Logic Based Simulation In Avalanche Simulation Risk Assessment Using GIS In A Western Himalayan Region	Urban Climate, Elsevier	September, 2022	https://doi.org/10.1016/j.uclim.2022.101272	SCIE (Q1)
7	Civil Engineering	Barenya Bikash Hazarika, Deepak Gupta & **Narayanan Natarajan**	Wavelet Kernel Least Square Twin Support Vector Regression For Wind Speed Prediction	Environmental Science and Pollution Research, Springer	December, 2022	https://doi.org/10.1007/s11356-022-18655-8	SCIE (Q1)

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S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
8	Civil Engineering	S. Rehman, **N. Natarajan**, MA Mohandes, JP Meyer, MM Alam,	Wind And Wind Power Characteristics of The Eastern And Southern Coastal And Northern Inland Regions, South Africa	Environmental Science and Pollution Research, Springer	December, 2022	https://doi.org/10.1007/s11356-021-14276-9	SCIE (Q1)
9	Civil Engineering	Jino Lawrence, Berlin Mohanadhas, **Natarajan Narayanan,** Vasudevan Mangottiri, Suresh Kumar Govindarajan,	Numerical Modelling of Nitrate Transport In Fractured Porous Media Under Non-Isothermal Conditions	Environmental Science and Pollution Research, Springer	December, 2022	https://doi.org/10.1007/s11356-021-15691-8	SCIE (Q1)
10	Civil Engineering	Arathi Radhakrishnan , Pandiyan Balaganesh, Mangottiri Vasudevan, **Narayanan Natarajan**, Abhishek Chauhan	Bioremediation of Hydrocarbon Pollutants: Recent Promising Sustainable Approaches, Scope, And Challenges	Sustainability, MDPI	March, 2023	https://doi.org/10.3390/su15075847	SCIE (Q1)
11	Civil Engineering	Jino Lawrence, Vanav Kumar Alagarsamy, Berlin Mohanadhas, **Narayanan Natarajan**, Mangottiri Vasudevan, Suresh Kumar Govindarajan	Nitrate transport in a fracture-skin-matrix system under non-isothermal conditions	Environmental Science and Pollution Research, Springer	October, 2022	https://doi.org/10.1007/s11356-022-23428-4	SCIE (Q1)
12	Computer Science and Engineering	**Gobi Natesan**, Srinivas Konda, Rocío Pérez De Prado	A Hybrid Mayfly-Aquila Optimization Algorithm Based Energy-Efficient Clustering Routing Protocol For Wireless Sensor Networks	Sensors, MDPI	August, 2022	https://doi.org/10.3390/s22176405	SCIE (Q1)
13	Computer Science and Engineering	Modigari Narendra, **M L Valarmathi**, L.Jani Anbarasi, M.Vergin Raja Sarobin, Fadi Al Turjman	High Embedding Capacity In 3D Model Using Intelligent Fuzzy Based Clustering	Neural Computing and Applications, Springer Nature.	June, 2022	https://doi.org/10.1007/s00521-022-07404-0	SCIE (Q1)
14	Computer Science and Engineering	**Bhavithra Janakiraman,** Sathiyapriya Shanmugam, Rocío Pérez De Prado, Marcin Wozniak	3D Road Lane Classification With Improved Texture Patterns And Optimized Deep Classifier	Sensors, MDPI	May, 2023	https://doi.org/10.3390/s23115358	SCIE (Q1)

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15	Electrical and Electronics Engineering	**B. Kishore**, Ananthamoorthy N.P.	Correlation-Based Feature Selection Using Bio-Inspired Algorithms And Optimized KELM Classifier For Glaucoma Diagnosis.	Applied Soft Computing, Elsevier	October, 2022	https://doi.org/10.1016/j.asoc.2022.109432	SCIE (Q1)
16	Electrical and Electronics Engineering	NP G. Bhavani, Ravi Kumar, Bhawani,Sankar Panigrahi, **Kishore B**, B. Arunsundar, Zulkiflee Abdul-Samad, Abha Singhg	Design And Implementation of Iot Integrated Monitoring And Control System of Renewable Energy In Smart Grid For Sustainable Computing Network	Sustainable Computing: Informatics and Systems, Elsevier	September, 2022	https://doi.org/10.1016/j.suscom.2022.100769	SCIE (Q1)
17	Electrical and Electronics Engineering	Belqasem Aljafari, **Kanagavel Rameshkumar,** Vairavasundaram Indragandhi, and Selvamathi Ramachandran	A Novel Single-Phase Shunt Active Power Filter With A Cost Function Based Model Predictive Current Control Technique	Energies, MDPI	June, 2022	https://doi.org/10.3390/en15134531	SCIE (Q1)
18	Electrical and Electronics Engineering	**B. Kishore,** K.Gayathri Devi, K.Ramya	Improved Swarm Optimization of Deep Features For Glaucoma Classification Using SEGSO And Vggnet	Biomedical Signal Processing and Control, Elsevier	August, 2022	https://doi.org/10.1016/j.bspc.2022.103845	SCIE (Q1)
19	Electronics and Communication Engineering	Kalimuthukumar Sakthivel, Rajesh Krishnasamy, **Kannapiran B**, Vijayakumar Krishnakumar, Manikandan Ganesan	A Revolutionary Partial Resonant Inverter And Doubler Rectifier With MPPT Based On Sliding Mode Controller For Harvesting Solar Photovoltaic Sources	Sustainable Computing: Informatics and Systems, Elsevier	December, 2022	https://doi.org/10.1016/j.suscom.2022.100811	SCIE (Q1)
20	Electronics and Communication Engineering	Senthilkumar Natarajan, Vishnuvarthanan Govindaraj, Yudong Zhang , Pallikonda Rajasekaran **Kannapiran B** Karunanithi, Khurram	Minimally Parametrized Segmentation Framework With Dual Metaheuristic Optimisation Algorithms And FCM For Detection of Anomalies In MR Brain Images	Biomedical Signal Processing and Control, Elsevier	September, 2022	https://doi.org/10.1016/j.bspc.2022.103866	SCIE (Q1)
21	Electronics and Communication Engineering	Kalimuthukumar Sakthivel, Rajesh Krishnasamy, **Kannapiran B,** Vijayakumar Krishnakumar, Manikandan Ganesan	Averaged State Space Modeling And The Applicability of The Series Compensated Buck-Boost Converter For Harvesting Solar Photo Voltaic Energy	Sustainable Energy Technologies and Assessments, Elsevier	October, 2022	https://doi.org/10.1016/j.seta.2022.102611	SCIE (Q1)

S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
22	Master of Computer Applications	K. Saritha, **R. Muthusami,** N. Manikandan, N. Nagaprasad, Krishnaraj Ramaswamy	A Mathematical Analysis of Mass Transfer Phenomena With Chemical Reaction Over The Flow of Sisko Ferronanofluid Across A Permeable Surface	Scientific Reports, Nature Publishing Group.	Jan, 2023	https://doi.org/10.1038/s41598-022-27214-7	SCIE (Q1)
23	Master of Computer Applications	**R. Muthusami,** K. Saritha	An Exploratory Study On The Propagation of SARS- Cov-2 Variants: Omicron Is The Most Predominant Variant	Journal of Medical Virology, Wiley	June, 2022	https://doi.org/10.1002/jmv.27634	SCIE (Q1)
24	Mechanical & Automobile	P. Muthusamy, M. Mohanraj, **T.Ramkumar, M.Selvakumar**	Effect of Microwave Sintering On The Microstructure And Tribological Behavior of Ti-3Al-2.5 V-X WC Composite	Tribology International, Elsevier	June, 2022	https://doi.org/10.1016/j.triboint.2022.107714	SCIE (Q1)
25	Mechanical & Automobile	**D. Shanmugam, Rama Thirumurugan,** M.Thiruchitrambalam, C. Latha, B.Maheshkumar	Experimental Investigation On The Mechanical, Thermal And Acoustic Characteristics of Cellulose/Synthetic Fiber/Nano Clay Hybrid Composites: Influence of Treatment, Moisture And Layering Pattern	Composites Part A: Applied Science and Manufacturing, Elsevier.	February, 2023	https://doi.org/10.1016/j.compositesa.2023.107497	SCIE (Q1)
26	Mechanical Engineering	**S.V. Gurupranes, I. Rajendran, N. Shanmugasundaram**	Suitability Assessment of Raw-Alkalized Ziziphus Nummularia Bark Fibers And Its Polymeric Composites For Lightweight Applications	Polymer Composites, Wiley	June, 2022	https://doi.org/10.1002/pc.26782	SCIE (Q1)
27	Science and Humanities	P. Balasundar, S. Senthil, P.Narayanasamy, **T.Ramkumar**	Microstructure And Tribological Properties of Microwave-Sintered Ti0.8Ni–0.3Mo/Tib Composites	Ceramics International, Elsevier	February, 2023	https://doi.org/10.1016/j.ceramint.2022.11.085	SCIE (Q1)
28	Science and Humanities	K. K. Purushothaman, **B.Saravanakumar**, S. Vijayakumar, B. Sethuraman & G. Shanmugam	MWCNT Attached Mesoporousag3o4 @Nio Nanocomposite For Hybrid Supercapacitor Applications	Materials Technology, Taylor & Francis	October, 2022	https://doi.org/10.1080/10667857.2022.2135474	SCIE (Q1)

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29	Science and Humanities	**J.Johnson William** B. Shalini Reghunath, Sruthi Rajasekaran, Sunaja Devi K R **B. Saravanakumar** , Dephan Pinheiro , Durai Govindarajan Soorathep Kheawho	Fabrication of Bismuth Ferrite/Graphitic Carbon Nitride/N-Doped Graphene Quantum Dots Composite For High Performance Supercapacitors	Journal of Physics and Chemistry of Solids, Elsevier	December, 2022	https://doi.org/ 10.1016/j.jpcs. 2022.110985	SCIE (Q1)
30	Science and Humanities	**J.Johnson William,** Sruthi Rajasekaran , B. Shalini Reghunath , Sunaja Devi K. R. **B. Saravanakumar** , Dephan Pinheiro Madan Kumar Arumugam	Bi Functional Manganese- Pyridine 2,6 Dicarboxylic Acid Metal Organic Frameworks With Reduced Graphene Oxide As An Electroactive Material For Energy Storage And Water Splitting Applications	Journal of The Electrochemical Society, The Electrochemical Society	March, 2023	https://doi.org/ 10.1149/1945- 7111/acbfe3	SCIE (Q1)
31	Science and Humanities	**J.Johnson William, B.Saravanakumar, M.Mariyappan** G. Muralidharan Allen J. Britten, Martin Mkandawire	Mesoporous B-Ag2MoO4 Nanopotatoes As Supercapacitor Electrodes	Materials Advances, Royal Society of Chemistry	September, 2022	https://doi.org/ 10.1039/D2M A00708H	SCIE (Q1)
32	Automobile and Information Technology	**S.K.Ashok, S.Ponni Alias Sathya**	A Fuzzy Model To Predict The Mechanical Characteristics of Friction Stir Welded Joints of Aluminum Alloy AA2014- T6	Aeronautical Journal, Royal Aeronautical Society	December, 2022	https://doi.org/ 10.1017/aer.20 22.90	SCIE (Q2)
33	Electrical and Electronics Engineering	Praveenkumar C, **M. Kaliamoorthy**, Prabha S	Analytical Evaluation of Single-Input Dual-Output Based Integrated Luo-Buck Converter For BLDC Motor	IET Power Electronics, The Institution of Engineering and Technology	May, 2023	https://doi.org/ 10.1049/pel2.1 2441	SCIE (Q2)
34	Electrical and Electronics Engineering	C.Thirumarai Selvi, **J. Amudha**	Categorization of Breast Masses Based On Deep Belief Network Parameters Optimized Using Chaotic Krill Herd Optimization Algorithm For Frequent Diagnosis of Breast Abnormalities	International Journal of Imaging Systems and Technology, Wiley	September, 2022	http://dx.doi.or g/10.1002/ima .22718	SCIE (Q2)

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35	Electrical and Electronics Engineering	**B. Kishore,** K. Gayathri Devi, K.Ramya, Senthil Kumar C	Accurate Prediction And Classification of Corn Leaf Disease Using Adaptive Moment Estimation Optimizer In Deep Learning Networks	Journal of Electrical Engineering and Technology, Springer	August, 2022	https://doi.org//10.1007/s42835-022-01205-0	SCIE (Q2)
36	Electrical and Electronics Engineering	**B. Kishore**, Ananthamoorthy Nalligoundenpalayam Periyasamy, Ramya Kishore	Modified Spider Monkey Optimization Algorithm Based Feature Selection And Probabilistic Neural Network Classifier In Face Recognition	Expert Systems, Elsevier	July, 2022	https://doi.org/10.1111/exsy.13088	SCIE (Q2)
37	Electrical and Electronics Engineering	Mona A., S. Ali, **Kishore B,** Gayathri Devi, Suresh Muthusamy , Santhiya Pandiyan, Hitesh Panchal, Suman Mann, Kokilavani Thangaraj, Noha E. El-Attar, Laith Abualigah, Diaa Salama Abd Elminaam	Classification of Glaucoma Based On Elephant-Herding Optimization Algorithm And Deep Belief Network	Electronics (Switzerland), MDPI	June, 2022	https://doi.org/10.3390/electronics11111763	SCIE (Q2)
38	Electrical and Electronics Engineering	A Chrispin Jiji,DV Prasad, **Nagarajan Jeyaraman**, Dillip Narayan Sahu, A.Yasmine begum, Nitin Jagannath Patil	Iot Based Automatic Forest Fire Detection Based On Machine Learning Approach	Annals of Forest Research, Forest Research and Management Institute, Romania	November, 2022	-	SCIE (Q2)
39	Electrical and Electronics Engineering	**Kishore B**, A V.Prabu, Mahammad Firose Shaik, R.Anjaneyulu Naik, S.Kanimozhi Suguna	A Hybrid Deep Learning For Patient Activity Recognition (PAR): Real Time Body Wearable Sensor Network From Healthcare Monitoring System	Journal of Intelligent and Fuzzy Systems, SAGE Publications Ltd	September, 2022	https://doi.org/10.3233/JIFS-2129	SCIE (Q2)
40	Electronics and Communication Engineering	**V K Sudha,** D Kumar	Hybrid CNN And LSTM Network Forheart Disease Prediction	SN Computer Science, Springer Nature	January, 2023	https://doi.org/10.1007/s42979-022-01598-9	SCIE (Q2)

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41	Electronics and Communication Engineering	Kumar D, **Sudha V K, Ranjithkumar R**	A One -Round Medical Image Encryption Algorithm Based On A Combined Chaotic Key Generator	Medical & Biological Engineering & Computing, Springer Nature	November, 2022	https://doi.org/10.1007/s11517-022-02703-z	SCIE (Q2)
42	Electronics and Communication Engineering	**C.Kalamani** V.S.Nishok A.Asha S.Saravanakumar	Design of Adiabatic Circuits With Reversible Logic Based Full Adder And Multiplier In Current-Mode Logic Circuits For Efficient Power Dissipation	Optik, Elsevier	December, 2022	https://doi.org/10.1016/j.ijleo.2022.170438	SCIE (Q2)
43	Information Technology	S. V. Evangelin Sonia, R.Nedunchezhian, **S.Ramakrishnan**, K.E.Kannammal	An Empirical Evaluation of Benchmark Machine Learning Classifiers For Risk Prediction of Cardiovascular Disease In Diabetic Males	International Journal of Healthcare Management, Taylor & Francis	January, 2023	https://doi.org/10.1080/20479700.2023.2170006	SCIE (Q2)
44	Information Technology	Aarti Amod Agarkar, Md. Zair Hussain, **J. Thimmia Raja,** Anandakumar Haldorai, S.Selvakanmani, M. Thangamani	Analysis of Taskable Mobile Iot Sensing Systems For Coverage And Throughput	International Journal of System Assurance Engineering and Management, Springer	February, 2023	https://doi.org/10.1007/s13198-023-01872-w	SCIE (Q2)
45	Mechanical & Automobile	**Jayaraj Mahalingam, Rama Thirumurugan, Shanmugam Dharmalingam** & Gnanasekar Nataraj	Investigation of Static And Dynamic Mechanical Properties of Coconut Tree Primary Flower Leaf Stalk Fiber Reinforced Polymer Composites	Journal of Natural Fibers, Taylor & Francis	January, 2023	https://doi.org/10.1080/15440478.2023.2166645	SCIE (Q2)
46	Mechanical & Automobile	**M. Jayaraj, R. Thirumurugan, D. Shanmugam.**	Investigation of Static And Dynamic Mechanical Properties of CPFLSF And Pplsfreinforced Polyester Hybrid Composites	Biomass Conversion and Biorefinery, Springer.	October, 2022	http://doi.org/10.1007/s13399-022-03391-3	SCIE (Q2)
47	Mechanical & Automobile	**T. Ramkumar, Jayaraj Mahalingam & M. Selvakumar**	Evaluation On Properties of Composite Materials Containing Caryota Fiber (CF) For Wall Roof Applications	Biomass Conversion and Biorefinery, Springer	November, 2022	https://doi.org/10.1007/s13399-022-03547-1	SCIE (Q2)

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48	Mechanical & Automobile	**Thulasiram Ramkumar, Kuppuswamy Hariharan, Mani Selvakumar & Mahalingam Jayaraj**	Effect of Various Surface Modifications On Characterization of New Natural Cellulosic Fiber From Coconut Tree Secondary Flower Leaf Stalk Fiber (CSF)	Journal of Natural Fibers, Taylor & Francis	July, 2022	https://doi.org/10.1080/15440478.2022.2091715	SCIE (Q2)
49	Mechanical Engineering	P Balasundar, S Senthil, P Narayanasamy **T. Ramkumar**	Mechanical, Thermal, Electrical, And Corrosion Properties of Microwave-Sintered Ti-0.8 Ni-0.3 Mo/Tib Composites	Physica Scripta, IOP Publishing	May, 2023	https://doi.org/10.1088/1402-4896/acd6c5	SCIE (Q2)
50	Mechanical Engineering	K. Pratheesh, P. Narayanasamy, R.Prithivirajan, **T. Ramkumar**, P.Balasundar, S. Indran, M.R. Sanjay Suchart Siengchin	Cenosphere Filled Epoxy Composites: Structural, Mechanical, And Dynamic Mechanical Studies	Biomass Conversion and Biorefinery, Springer	April, 2023	https://doi.org/10.1007/s13399-023-04154-4	SCIE (Q2)
51	Mechanical Engineering	**S. V. Gurupranes, I.Rajendran,** S.Gokulkumar, M. Aravindh, S. Sathish and Md. Elias Uddin	Preparation, Characteristics, And Application of Biopolymer Materials Reinforced With Lignocellulosic Fibres	International Journal of Polymer Science, Hindawi	April, 2023	https://doi.org/10.1155/2023/1738967	SCIE (Q2)
52	Science and Humanities	K. Kathiresan, P. Suthanthirakumar **M.Mariyappan**	A Potential Red-Light- Emitting Pr^{3+}-Doped Novel Silicate Phosphors: Judd–ofelt Analysis And Photoluminescence Properties	Journal of Materials Science: Materials In Electronics, Springer	May, 2023	https://doi.org/10.1007/s10854-023-10701-6	SCIE (Q2)
53	Science and Humanities	**J.Johnson William,** Sruthi Rajasekaran, B. Shalini Reghunath Sunaja Devi K. R, **B.Saravanakumar,** Dephan Pinheiro, Madan Kumar Arumugam	Facile Synthesis of Mn-Ni Bimetal Organic Framework Decorated With Amine As An Electrode For A High-Performance Supercapacitor	Journal of Solid State Electrochemistry, Springer	January, 2023	https://doi.org/10.1007/s10008-023-05382-4	SCIE (Q2)

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54	Science and Humanities	Muthusamy Sureshan, Dhamodharan Prabhu, Sharon Nissi Joshua, Shruti Vardhini Sasikumar, Sundarraj Rajamanikandan, Muthukumar Govindhapriya, **Venkatachalam Umadevi,** Saraboji Kadhirvel	Discovery of Plant Based Phytochemical As Effective Antivirals That Target The Non-Structural Protein C of The Nipah Virus Through Computational Methods	Journal of Biomolecular Structure & Dynamics, Taylor & Francis	May,2023	https://doi.org/ 10.1080/0739 1102.2023.221 4236	SCIE (Q2)
55	Science and Humanities	**S.Parveen,** Thathan Premkumar, Hung-Huy Nguyen, Subbiah Govindarajan	A Trinuclear Cobalt Coordination Complex Constructed Using Novel Triazine Ligands Via One- Pot Green Synthesis: Structural Properties And Biological Evaluation	New Journal of Chemistry, Royal Society of Chemistry	March, 2023	https://doi.org/ 10.1039/d3nj0 0026e	SCIE (Q2)
56	Civil Engineering	**K. Srinivasan**, K Selvakumar	Comparative Study of Pre- Engineered Building And Space Truss Building With Different Span	Indian Journal of Engineering and Materials Sciences, National Institute of Science Communication and Policy Research	August, 2022	10.56042/ijev 29i4.45546	SCIE (Q3)
57	Civil Engineering	Gokulan. R, Kavipriya. S **Krishnakumar. S** Dineshkumar. R Krishnapriya. S Pradeepa Sri. G	Extraction of Biodiesel From Wastewater Using Microalage Chlorella Vulgaris	Global NEST Journal, Global NEST	January, 2023	https://doi.org/ 10.30955/gnj. 004547	SCIE (Q3)
58	Civil Engineering	**N. Natarajan,** S. Ahash Raja, K. Mohanpradaap, G. Sneha S. Joshna Shanu	An Assessment Methodology For Drought Severity And Vulnerability Using Precipitation-Based Indices For The Arid, Semi-Arid And Humid Districts of Tamil Nadu, India	Water Supply, IWA Publishing	December, 2022	http://doi.org/ 10.2166/ws.20 22.415	SCIE (Q3)
59	Civil Engineering	Sivapragasam C, **N. Natarajan**, Irulraj Prabavathy, D Ragasudha	Apparent Temperature As A Modelling Substitute For Evapotranspiration: Ramanathapuram, Tamil Nadu, India	Water Practice and Technology, IWA Publishing	January, 2023	http://doi.org/ 10.2166/wpt.2 023.001	SCIE (Q3)

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60	Civil Engineering	Ravikumar G, Vivek Sivakumar, Dhineshanand S, **Krishnakumar, Subramanian;**	Block-Level Drought Assessment Using Rainfall And Remote Sensing Data	Global NEST Journal, Global NEST	October, 2022	http://doi.org/ 10.30955/gnj. 004485	SCIE (Q3)
61	Civil Engineering	Ishan Ayus, **Narayanan Natarajan,** Deepak Gupta	Comparison of Machine Learning And Deep Learning Techniques For The Prediction of Air Pollution: A Case Study From China	Asian Journal of Atmospheric Environment, Springer	May, 2023	https://doi.org/ 10.1007/s4427 3-023-00005- w	SCIE (Q3)
62	Civil Engineering	Mangottiri Vasudevan, **Narayanan Natarajan,** Easwaran Senthil Kumar, Selvaraj Tamizharasu, Shafiqur Rehman, Luai M. Alhems, Md. Mahbub Alam,	Environmental And Socio- Economic Aspects of Public Acceptance of Wind Farms In Tamil Nadu, India – Key Observations And A Conceptual Framework For Social Inclusion	Polish Journal of Environmental Studies, Hard Publishing Company	May, 2023	https://doi.org/ 10.15 244/pjoes/163 161	SCIE (Q3)
63	ECE & Civil	**Mohaideen. KA., Natarajan N.,** Vasudevan, Saravanakumar Gurusamy	Parameter Evaluation of Non-Linear Muskingum Model Using Constrained Self-Adaptive Differential Evolution Algorithm.	Water Practice and Technology, IWA Publishing	November, 2022	http://doi.org/ 10.2166/wpt.2 022.137	SCIE (Q3)
64	EEE & ECE	C.Thirumarai Selvi, M Jayasheela, **J.Amudha, R. Sudhakar**	An EEG-Based Thought Recognition Using Pseudo- Wigner–Kullback–Leibler Deep Neural Classification	Circuits, Systems, and Signal Processing, Springer	September, 2022	https://doi.org/ 10.1007/s0003 4-022-02164-7	SCIE (Q3)
65	Electrical and Electronics Engineering	**K. Saranya, K.N.Vijeyakuamar**	Design of Area, Energy And Security Optimized Reversible Architectures For Digital Image Cryptography	Circuits, Systems, and Signal Processing, Springer	April, 2023	https://doi.org/ 10.1007/s0003 4-023-02354-x	SCIE (Q3)
66	Electrical and Electronics Engineering	Praveenkumar Chandran, **Kaliamoorthy Mylsamy,** Prabha S. Umapathy	Hybrid Optimization Approach For Improved Efficiency In Permanent Magnet Brushless DC Motor Design: Combining Cauchy Particle Swarm & Moth Flame Methods	Electric Power Components and Systems, Taylor & Francis	February, 2023	https://doi.org/ 10.1080/1532 5008.2023.220 2667	SCIE (Q3)

S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
67	Electrical and Electronics Engineering	Chinthalgiri Jyothi, **K. Saranya**, Bhaskara Rao Jammu, Sreehari Veeramachaneni , SK Noor Mahammad	A New Approximate 4-2 Compressor Using Merged Sum And Carry	Journal of Electronic Testing: Theory and Applications, Springer	August, 2022	https://doi.org/10.1007/s10836-022-06019-6	SCIE (Q3)
68	Information Technology	**J. Ramprasath,** N. Krishnaraj, V. Seethalakshmi	Mitigation Services On SDN For Distributed Denial of Service And Denial of Service Attacks Using Machine Learning Techniques	IETE Journal of Research, Institution of Electronics and Telecommunication Engineers	November, 2022	https://doi.org/10.1080/03772063.2022.2142163	SCIE (Q3)
69	Science and Humanities	**S.Parveen,** Banupriya Kanagarajan, S Rathinam Ramasamy, Umarani Ramasamy	New Tetrapropylammonium Tetrabromozincate Complex [(C3H7)4N]2znbr4(II) - Synthesis, Spectral, Thermal Characterization And Antioxidant Activity	Bulletin of the Chemical Society of Ethiopia, Chemical Society of Ethiopia	March, 2023	https://dx.doi.org/10.4314/bcse.v37i3.7	SCIE (Q3)
70	Science and Humanities	**K.Kalaiselvi,** N.Mohanapriya, Aparna V	R-Dynamic Chromatic Number of Subdivision- Edge Neighborhood Corona of Certain Graph Families	Discrete Mathematics, Algorithm and Applications, World Scientific Publishing	May, 2023	https://doi.org/10.1142/S179383092350026X	SCIE (Q3)
71	Automobile & EEE	**M.Thirunavukkarasu, V.Lakshminarayanan**, Saravanan.CG, **A.Suganya**	Smart Vehicle Parking Fee Collection System Using Iot	Periodico Di Mineralogia, University of Rome	October, 2022	https://doi.org/10.37896/pd91.5/91540	Scopus (Q3)
72	Civil Engineering	**K. Srinivasan,** P.Raghunathapandian, N. Subash, P.Raja Lekshmi	Under Water Geopolymer Concrete – An Investigation	Periodico Di Mineralogia, University of Rome	September, 2022	https://doi.org/10.21203/rs.3.rs-1761347/v1	Scopus (Q3)

S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
73	Civil Engineering	**Krishnakumar S**, Sreevidhya V, Venkatasubramani R, Vivek S	Drastic Model Developed With Lineament Density To Map Groundwater Susceptibility: A Case Study In Part of Coimbatore District, Tamil Nadu, India	Periodico Di Mineralogia, University of Rome	June, 2022	https://doi.org/10.1007/s10668-023-03506-4	Scopus (Q3)
74	Computer Science and Engineering	**Gobi Natesan**, K.Balasaranya	Spam Review Identification Metrics For Distinguishing The Honest Reviews From Fake Reviews	Periodico Di Mineralogia, University of Rome	September, 2022	https://doi.org/10.37896/pd91.5/91538	Scopus (Q3)
75	Electrical and Electronics Engineering	**V. Lakshminarayanan,** Naveenprasad.C, Manashaa Madhavan, Suganya.A	Twin Labeled Virtual Private Network Above Multi- Protocol Label Switching Network For Voip	Periodico Di Mineralogia, Sapienza Università di Roma, Italy	September, 2022	https://doi.org/10.37896/pd91.4/91435	Scopus (Q3)
76	Electrical and Electronics Engineering	C.Thirumarai Selvi, R S. Sankar Subramanian, **J. Amudha,** M Muthukrishnan	Implementation of FPGA Hardware Architecture For Optimized SPIHT Coder Using 2DWT-A	Periodico Di Mineralogia, Sapienza Università di Roma, Italy	June, 2022	https://doi.org/10.37896/pd91.3/91311	Scopus (Q3)
77	Electrical and Electronics Engineering	**Kishore B,** K.Gayathri Devi, K.Ramya	Drowsiness Detection And Safety Monitoring Using Image Processing	International Journal of Applied Science and Engineering, Tunghai University	August, 2022	https://doi.org/10.6703/IJASE.202209_19(3).001	Scopus (Q3)
78	Artificial Intelligence and Data Science	**M.Balakrishnan, M.Pandi K.Ananthi, N.Senthilmadasamy**	Machine Learning Techniques For Real Estate Prediction	Positif Journal, Editions Jean-Michel Place	August, 2022	https://doi.org/10.37896/psj30.8/1330	Scopus (Q4)
79	Computer Science and Engineering	N Sadhasivam, Adaikkammai.A, **M.Pandi**	Cipher Text Policy Attribute Based Encryption Model For Data Protection In Cloud Computing Environment	Positif Journal, Editions Jean-Michel Place	August, 2022	https://doi.org/10.37896/psj30.9/1423	Scopus (Q4)

S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
80	Computer Science and Engineering	Prabhu R, **Prabhu K**, Srihari Shankar S M, Sathiyapriya,	Integrating Machine Learning And Quantum Annealing To Detect Online Credit Card Fraud	Journal of Xidian University, Xidian University	September, 2022	https://doi.org/10.37896/jxu16.9/005	Scopus (Q4)
81	Electrical and Electronics Engineering	**Uma Maheswari K, B. Kishore,** Dhanu Aravinth K , Karthik V , Padmanaban V K	Smart Multi Verification Based Security System	El-Cezerî Journal of Science and Engineering, TUBIAD	May, 2023	https://doi.org/10.31202/ecjse.1099817	Scopus (Q4)
82	Artificial Intelligence and Data Science	**Indurekaa S R , Suba Rani N,** Dencyflora G, **Balakrishnan M**	An Iot Based ECG Monitoring System And RR Interval Based Feature Extraction	Indian Journal of Natural Sciences, Tamil Nadu Scientific Research Organization	March, 2023	-	Scopus
83	Artificial Intelligence and Data Science	K.Balasamy, **M.Balakrishnan,** S.Suganyadevi, N.Krishnaraj.	Prediction of Cardiac Disease By The Use of Methods From Machine Learning	Indian Journal of Natural Sciences, Tamil Nadu Scientific Research Organization	August, 2022	-	Scopus
84	Automobile Engineering	Sriram, K. Murugan, P.C. Sathiskumar, S. **Vishnu Ramesh Kumar, R.** Jayakrishnan, S.	Effects of Emission and Performance Characteristics Study of Rubber Seed Biodiesel Fueled DI Diesel Engine Fumigated With Methanol	Materials Today: Proceedings, Elsevier	April, 2023	https://doi.org/10.1016/j.matpr.2023.03.611	Scopus
85	Civil Engineering	**N. Natarajan,** M. Vasudevan, **S. Dineshkumar, R. Anuja,**	Comparison of Analytic Hierarchy Process (AHP) And Fuzzy Analytic Hierarchy Process (F-AHP) For The Sustainability Assessment of A Water Supply Project	Institution of Engineers: Series A, Springer Nature	July, 2022	https://doi.org/10.1007/s40030-022-00665-x	Scopus
86	Civil Engineering	Ahamed Cevahir, **N. Natarajan,**	An Artificial Neural Network Optimized By Grey Wolf Optimizer For Prediction of Hourly Wind Speed In Tamil Nadu, India	Intelligent Systems With Applications, Elsevier	October, 2022	https://doi.org/10.1016/j.iswa.2022.200138	Scopus

S. No.	Name of the Department	Name of the Authors in order as per Published Article (MCET Authors Mentioned in RED Colour)	Title of the Paper	Name of the Journal and Publisher	Month & Year of Publication	DOI	Indexing
87	Computer Science and Engineering	C. Aswini, **M. L. Valarmathi**	Artificial Intelligence Based Smart Routing In Software Defined Networks	Computer Systems Science and Engineering, Tech Science Press.	June, 2022	https://doi.org/10.32604/csse.2023.022023	Scopus
88	Electrical and Electronics Engineering	**Lakshminarayanan.V,** Thirunavukkarasu. M, Suganya. A	A Novel Model of Patient's Health Monitoring System Using Iot Platform	Neuroquantology, Anka Publisher	September, 2022	https://doi.org/10.14704/nq.2022.20.9.NQ44643	Scopus
89	Electrical and Electronics Engineering	C Senthilkumar, K Gayathri Devi, **Kishore B**, V R Vinothini	An Optimized Mammogram Image Classification Using Feed Forward Neural Networks	Neuroquantology, Anka Publisher	December, 2022	https://doi.org/10.48047/nq.2022.20.19.NQ99045	Scopus
90	Electrical and Electronics Engineering	**M. Kaliamoorthy, T. Anand Kumar**, Gerald Christopher Raj	Genetic Algorithm Based 7- Level Step-Up Inverter With Reduced Harmonics And Switching Devices	Intelligent Automation and Soft Computing, Taylor & Francis	August, 2022	https://doi.org/10.32604/iasc.2023.028769	Scopus
91	Electronics and Communication Engineering	**R Sherine Jenny, N Sugirtham**	SDN-Based Security For Smart Devices Against Denial of Service Attacks	Indian Journal of Science and Technology, Indian Society for Education and Environment.	January, 2023	https://doi.org/10.17485/IJST/v16i3.1960	Scopus
92	Electronics and Communication Engineering	**Bharathi S**, Abarna A, Arun Pandeeswaran RV, Akil G	Enhanced Security With Multilevel Authentication For Accessing Biometric Database	European Chemical Bulletin , European Chemical Bulletin Association	January, 2023	-	Scopus
93	Electronics and Communication Engineering	**S. Bharathi,** M. Senthilarasi K. Hari	Key Frame Extraction Based On Real-Time Person Availability Using YOLO	Journal of Wireless Mobile Networks	May, 2023	http://doi.org/10.58346/JOWUA.2023.I2.003	Scopus
94	Science and Humanities	**P.A.Periasamy,** G.Gohulavani, G.Vadivelan,M.Sekar	Sorption Studies of Sago Waste Activated Carbon On Acid Violet 7 Dye	High Technology Letters, Science & Engineering Research Support Society	February, 2023	https://doi.org/10.37896/HTL29.02/8171	Scopus

BOOK PUBLICATIONS

S. No.	Name of the Department	Name & affiliation of the author/s in order as per published article	Title of the Book	Name of the Publisher	ISBN Number	Month & Year of Publication
1	Information Technology	**S.Ramakrishnan**	Lightweight Cryptographic Techniques and Cybersecurity Approaches	InTech Open Publisher, United Kingdom,	ISBN 978-1-80355-732-8	October 2022
2	Artificial Intelligence and Data Science	Vellingiri. J,Jagadesh.G, **M.Balakrishnan**	GSD Projects and Research Challenges	Lambert Academic Publishing	ISBN: 978-620-5-63367-0	January 2023

BOOK CHAPTER PUBLICATIONS

S. No.	Name of the Department	Name & affiliation of the author/s in order as per published article	Title of the Book	Title of Book Chapter	Name of the Publisher	Page No. & ISBN Number	DOI	Month & Year of Publication
1	Mechanical and Automobile	**T. Ramkumar, M. Selvakumar, S.K Ashok,** M Mohanraj	. Materials for Light weight Constructions	Data-driven optimization of manufacturing processes	CRC Press	ISSN 978100325210 8	https://doi.org/10.1201/9781003252 108	September, 2022
2	Automobile Engineering	**Calvin S. King**	Development of Employability Skills Through Pragmatic Assessment of Student Learning Outcomes	Performance Assessments in the Context of Developing and Assessing Competencies	IGI Global	ISBN10: 1668442108	10.4018/978-1-6684-4210-4.ch008	June, 2022
3	Automobile Engineering	S. Deepankumar C. Jegadheesan S. Sathiskumar N. Boopalan **N. Praveenkumar S. Arulkumar**	Recent Trends in Product Design and Intelligent Manufacturing Systems	Design and Fabrication of Vehicle Rollover Prevention by Counter Steering Mechanism	Springer Singapore	pp 269–279 ISBN: 978-981-19-4606-6	-	October, 2022
4	Information Technology	**K. RenukaDevi**, S Suganyadevi and **K.Balasamy**	Deep Learning for Cognitive Computing Systems	Healthcare Data Analysis Using Deep Learning Paradigm'	De Gruyter	pp.129-148 & ISBN: 978311075050 8	10.1515/9783110 750584-008	January, 2023
5	Information Technology	**N.Praveen Sundra kumar**, Deepa R, Nikhil GS and Vikram.R	Advances in Data and Information Sciences	Improving Security in Cloud Data Using Paillier Homomorphic Encryption System	Springer	pp. 80-90 & ISBN 978-981-19-5291-3	10.1007/978-981-19- 5292-0_41	November, 2022
6	Information Technology	**Ramprasath J, Ramakrishnan S,** Tharani V, Arunima D and Sushmitha R	Advances in Data and Information Sciences	Cloud Service Anomaly Traffic Detection Using Random Forest	Lecture Notes in Networks and Systems-Springer	pp. 269-279 & ISBN: 978-981-19-5291-3	10.1007/978-981-19- 5292-0_41	November, 2022

S. No.	Name of the Department	Name & affiliation of the author/s in order as per published article	Title of the Book	Title of Book Chapter	Name of the Publisher	Page No. & ISBN Number	DOI	Month & Year of Publication
7	Information Technology	**DevarajuSellappan, Ramakrishnan Srinivasan,** JawaharSundaram, DhereshSoni, and Somasundaram Alagappan	Methods, Implementation, and Application of Cyber Security Intelligence and Analytics	Entropy based Feature Selection for Network Intrusion Detection system	IGI Global	ISBN: 9781166843991 3	10.4018/978-1-6684-3991-3.ch012	June, 2022
8	Information Technology	**Janani D, Vijaykumar V R, Ramakrishnan S,** AkilAkthar S, Sudharsan. S and Sangameshwaran S	Advances in Data and Information Sciences	Expert system for diagnosis of chronic kidney disease prediction using fuzzy logic with feature selection	Lecture Notes in Networks and Systems-Springer	pp. 445-455 & ISBN 978-981-19-5291-3	10.1007/978-981-19-5292-0_41	November, 2022
9	Information Technology	**Ponni alias SathyaS,** S.Naraayani N, Sarnika K and Akshaya P	Advances in Data and Information Sciences	Authenticate Medical Data using SWT and PCA-based Watermarking Technique	Lecture Notes in Networks and Systems-Springer	pp 95–107 & 978-981-19-5291-3	10.1007/978-981-19-5292-0_41	November 2022
10	Information Technology	**S.Ponni Alias Sathya, S.Ramakrishnan** Shafreen M, Harshini.R, Malini,P	Workshop on Intelligent Systems, CEUR Workshop Proceedings	Optimal Plant Leaf Disease Detection using SVM classifier with Fuzzy System	-	3269, pp. 75–86	-	November, 2022
11	Information Technology	**K. Renuka Devi**	Handbook of Research on Complexities, Management, and Governance in Healthcare	Preserving the Healthcare Data by Using PPDM Technique	IGI Global	ISBN: 9781166846044 3	10.4018/978-1-6684-6044-3.ch022	November, 2022

S. No.	Name of the Department	Name & affiliation of the author/s in order as per published article	Title of the Book	Title of Book Chapter	Name of the Publisher	Page No. & ISBN Number	DOI	Month & Year of Publication
12	Information Technology	**K. Renuka Devi and K. Balasamy**	Mathematical Modelling for Smart Healthcare Systems	Securing Clinical Information Through Multimedia Watermarking Techniques	IGI Global	ISBN: 9781668445808	10.4018/978-1-6684-4580-8.ch005	June, 2022
13	Electronics and Communication Engineering	**Rajarajeshwari, K.C Gokul Anand, K.R.** Poornima, T.	Terahertz Devices, Circuits and Systems	SIMO Array Characterized THz Antenna Resonating at Multiband Ultra High Frequency Range for 6G Wireless Applications	Springer	978-981-19-4104-7	https://doi.org/10.1007/978-981-19-4105-4_7	September, 2022
14	Electronics and Communication Engineering	S. Kavitha T. Poornima, **Gokul Anand, K.R**	Internet of Things and Data Mining for Modern Engineering and Healthcare Applications	IoT-Centered Household Security and Person's Healthcare System Predominantly Aimed at Epidemic Circumstances	Taylor and Francis	9781003217398	https://doi.org/10.1201/9781003217398	August, 2022
15	Electronics and Communication Engineering	**KC Rajarajeshwari T Sathiyapriya** EL Dhivya Priya	Recent Advances in Graphene Nanophotonics	Surrogate Optimization-Assisted Dual-Band THz Inverted-F Coplanar Graphene Antenna	Springer	978-3-031-28942-2	https://doi.org/10.1007/978-3-031-28942-2_11	May, 2023
16	Electronics and Communication Engineering	**K. C. Rajarajeshwari K. R. Gokul Anand,** E. L. Dhivya Priya, Dheeraj Kumar Joan Lu	Internet of Things Enabled Antennas for Biomedical Devices and Systems	Implantable Dual Band Low-Profile Meandered Patch Antenna for Adhesive Skin Mimicking and Skin Contact Applications	Springer	978-981-99-0211-8	https://doi.org/10.1007/978-981-99-0212-5_13	May, 2023

S. No.	Name of the Department	Name & affiliation of the author/s in order as per published article	Title of the Book	Title of Book Chapter	Name of the Publisher	Page No. & ISBN Number	DOI	Month & Year of Publication
17	Electronics and Communication Engineering	E. L. Dhivya Priya, A. Sharmila, **K. R. Gokul Anand** Arshi Naim	Internet of Things Enabled Antennas for Biomedical Devices and Systems	Wearable Proximity Coupled Antenna for IoT Applications	Springer	978-981-99-0212-5	https://doi.org/10.1007/978-981-99-0212-5_20	May, 2023
18	Electronics and Communication Engineering	**T. Sathiyapriya K. C. Rajarajeshwari,** T. Poornima Sumit Agarwal	Internet of Things Enabled Antennas for Biomedical Devices and Systems	Design of Compact Low-Profile Antenna for Wearable Medical Applications	Springer	978-981-99-0212-5	https://doi.org/10.1007/978-981-99-0212-5_7	May, 2023
19	Computer Science and Engineering	E. Grace Mary Kanaga, **M.L. Valarmathi,** J. Dhiviya Rose, Lincy Grace, Kanagaselvi	Evolving Predictive Analytics in Healthcare: New AI techniques for real-time interventions	An intelligent agent-based distributed patient scheduling using token-based coordination approach: a case study	Institution of Engineering & Technology	ISBN:9781839535116 e-ISBN:9781839535123	10.1049/PBHE043E	August, 2022

CONFERENCE PUBLICATIONS

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
1	AIDS & CSE	.M.Bala Krishnan, K.Ananthi, M.Pandi, N. Senthil Madasamy	Bug Recognition using Hybrid Fuzzy Logic algorithm and Support vector Machine Classification	4th IEEE International Conference on Advances in Computing, Communication Control and Networking, 2022	Oct -22
2	Artificial Intelligence and Data Science	M.Bala Krishnan	An enhanced ensemble clustering method for identifying phony news in social media platform	First international conference on artificial intelligence and block chain (ICAIBC-2023)	Jan-23
3	Artificial Intelligence and Data Science	S.R.Indurekaa	Classification of Normal and Cancer Cells by using signal processing techniques	IEEE Madras Section Technical Sponsored "2022 First International Conference on Computer, Power and Communication	Oct -22
4	Artificial Intelligence and Machine Learning	Bhagavathipriya	Smart Sensitive windows and Weather Monitoring	International Conference on latest trends in science, Engineering and Technology	May-23
5	Automobile Engineering	Calvin S King	Future Readiness Through Capstone Project	2nd International Conference On Best Innovative Teaching Strategies	Feb-23
6	Automobile Engineering	Calvin S King	Developing industry ready engineering graduates in collaboration with industry and other stakeholders	2nd International Conference On Best Innovative Teaching Strategies	Feb-23
7	Automobile Engineering	Calvin S King	Outcome based education for for effective implimetation NEP 2020	Two day national conference on NEP Readiness scope and challenges for Higher education	Sep-22
8	Computer Science and Engineering	K.Prabhu, S. Senthil Prabhu	Automatic Speech emotion recognition	International Conference on Computational Linguistics and Natural Language Processing (ICCLNLP'22)	Sep-22
9	Computer Science and Engineering	V Eswaramurthy	A Survey of various higher order majority gates utilized in novel Quantum Dot Cellular Automata Technology (QCA)	International Conference on Augmented Reality and Sustainable Systems (ICAISS - 2022)	Nov-22
10	Computer Science and Engineering	A.Suganya	Detection of underground object using ground penetration RADAR	International Conference on Advanced Computing and Communication Systems - ICACCS 2023	Mar-23
11	Computer Science and Engineering	Jayalakshmi A	A Survey of Breast Cancer detection using Machine Imaging Techniques	International Conference on Advanced Computing and Communication Systems - ICACCS 2023	Mar-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
12	Computer Science and Engineering	A.Noble Mary Juliet	An Enhanced System interaction using HCI	7th, International Conference on Science, Technology, Engineering and Management (ICSTEM'23)	Apr-23
13	Computer Science and Engineering	M.Pandi	Demand Prediction for Bike Sharing System using Multiple Linear Regression	7th, International Conference on Science, Technology, Engineering and Management (ICSTEM'23)	Apr-23
14	Computer Science and Engineering	G.Gayathri	Healthcare insurance fraud detection	International Conference on Science, Technology, Engineering and Management (ICSTEM'23)	Apr-23
15	Computer Science and Engineering	J.Bhavithra	A Survey on Recommendation System	International Conference on Innovative Engineering and Information Technology	Apr-23
16	Computer Science and Engineering	M.Pandi	AI Based System for Detecting Body Posture	International Conference on Innovation towards Sustainable Development Goals (SDGs) Session 2	May-23
17	Computer Science and Engineering	G.Gayathri	Detecting and Characterizing Extremist Reviews in Online Shopping Site (Best Paper Award)	International Conference on Innovation towards Sustainable Development Goals (SDGs) Session 2	May-23
18	Computer Science and Engineering	A.Noble Mary Juliet	Augmented Reality for Enhanced Medical Analysis and Diagnosis	11th International Conference of Contemporary Engineering and Technology 2023	May-23
19	Computer Science and Engineering	Lavanya S.C	Crime Type and Occurrence Prediction	11th International Conference of Contemporary Engineering and Technology 2023	May-23
20	Computer Science and Engineering	B.Suganya	Alumni Management System	11th International Conference of Contemporary Engineering and Technology 2023	May-23
21	Computer Science and Engineering	B.Suganya	IoT based Air quality alert system for COPD patients	11th International Conference of Contemporary Engineering and Technology 2023	May-23
22	Computer Science and Engineering	A.Noble Mary Juliet	A Survey on Fruit Quality Detection	2nd National Conference on "Recent Advancement in Science, Engineering & Technologies (RASET 23)	May-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
23	Computer Science and Engineering	N.Senthil Madasamy	Survey on Accident Detection and Notification System	2nd National Conference on "Recent Advancement in Science, Engineering & Technologies	May-23
24	Computer Science and Engineering	A.Noble Mary Juliet	Loan Fraud Detection Techniques	9th International Conference on latest trends in Science, Engineering and Technology	May-23
25	Computer Science and Engineering	C.Devipriya	Preserving Published data using PPIK - ANOM	9th International Conference on latest trends in Science, Engineering and Technology	May-23
26	Computer Science and Engineering	C.Devipriya	Smart Ambulance - Intelligent traffic control using Arduino	9th International Conference on latest trends in Science, Engineering and Technology	May-23
27	Computer Science and Engineering	B.Suganya	Aspect sentiment classification of company using Nave Bayes and Artificial Bee colony algorithm	7th, International Conference on Science, Technology, Engineering and Management (ICSTEM'23)	Apr-23
28	Computer Science and Engineering	A.Suganya	IOT based mobile application for supervision surveillance	9th International Conference on latest trends in Science, Engineering and Technology	May-23
29	Computer Science and Engineering	G.Gayathri	Detection of cyberbullying on social media using ML algorithms	7th International Conference on Science, Technology, Engineering and Management	May-23
30	Computer Science and Engineering	J.Bhavithra	Travel Recommendation System using Data Mining	International Conference on Engineering and Technology (ICET-23)	May-23
31	Computer Science and Engineering	C.Devipriya	Enhancing Security through the integration of RSA and AES algorithm	International Conference on Engineering and Technology (ICET-23)	May-23
32	Computer Science and Engineering	C.Devipriya	Smart Parking - Intelligence Traffic Congestion Control System Using Arduino	International Conference on Engineering and Technology (ICET-23)	May-23
33	Computer Science and Engineering	J.Bhavithra	Car Price Prediction using Random Forest Algorithm	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
34	Computer Science and Engineering	J.Bhavithra	Road Safety System with Driver Drowsiness detection and Notification	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
35	Computer Science and Engineering	C.Devipriya	Android Application based Smart Petrol Finder	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
36	Computer Science and Engineering	G.Gayathri	IoT Based Earthquake warning System	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
37	Computer Science and Engineering	M.Pandi,	Smart Traffic Light Monitoring System using Image Processing	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
38	Computer Science and Engineering	M.Pandi	Real time Traffic light sign detection using deep learning	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
39	Computer Science and Engineering	B. Suganya	Malicious Website (URL) Detection Using Machine Learning Techniques	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
40	Computer Science and Engineering	R.Binisha	Emotion Detection using CNN	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
41	Computer Science and Engineering	S. C. Lavanya	Consumer Segmentation using MSRF	9th International Conference on latest trends in Science, Engineering and Technology	May-23
42	Computer Science and Engineering	S. C. Lavanya	Minimizing Healthcare Costs using Gradient Boost Tuned Regression	9th International Conference on latest trends in Science, Engineering and Technology	May-23
43	Computer Science and Engineering	S. C. Lavanya	Classification of Tweets using SVM with Negation Handling	3rd International Conference on Recent Trends in Engineering Technology and Management 2023	May-23
44	Computer Science and Engineering	G. Anupriya	Image Steganography Using Dwt Algorithm	15th National Conference on signal processing, communication and VLSI design	May-23
45	Computer Science and Engineering	G. Anupriya	Controlling Photo Sharing on Social Networks Using surf algorithm	15th National Conference on signal processing, communication and VLSI design	May-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
46	Computer Science and Engineering	M.Pandi	An Efficient system for Automation Facial Recognition using HCI	Virtual International Conference on Emerging Techniques in Engineering and Internet of Things - ICETEIoT-23	May-23
47	Cyber Security	K.N.Vijeyakumar	"An Analog approach for Sobel Edge Detection Filter"	International Conference on Renewable and Sustainable Energy Technologies	Mar-23
48	Cyber Security	K.N.Vijeyakumar	"Area efficient faithful adder for digital image processing application"	International Conference on Research in Electronics Engineering and Communication Techniques	May-23
49	Electronics and Instrumentation Engineering	G.Karthikeyan	Acquaintance of Air Quality Measuring and Monitoring System in Driver's Cabin	2023 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	May-23
50	Electronics and Instrumentation Engineering	G.Karthikeyan	Design and Implementation of Automated Tank Cleaning Robot	2023 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies (ViTECoN)	May-23
51	Electronics and Instrumentation Engineering	V.Karpagam	IoT Smart Streetlight System for Semi-Urban Areas with Fault Detection	IEEE 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies ViTECoN-Hybrid Conference(In-person and Virtual)-2023	May-23
52	Electronics and Instrumentation Engineering	K.Durgalakshmi, V.Karpagam, A.Venkatesh, B.Kannapiran	Utilization of Reduced Switch Components with different Topologies in Multi-Level Inverter for Renewable Energy Applications-A Detailed Review	5th International Conference on Contemporary Computing and Informatics(IC3I-2022)	Dec-22
53	Electronics and Communication Engineering	C.Kalamani.	IoT based Smart Intravenous Fluids (IV) Drip Monitoring and Reverse Blood Flow Prevention System	IEEE-2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	Jan--23
54	Electronics and Communication Engineering	C. Kalamani	Design of Power and Delay Efficient Fault Tolerant Adder	2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS)	Feb-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
55	Electronics and Communication Engineering	M. Vignesh	Predicting the likelihood of employee attrition (ML)	International Conference on Recent Innovations in Computer, Communication and Manufacturing	Apr-23
56	Electronics and Communication Engineering	K.C.Rajarajeshwari	The Systematic Analysis on Block-chain Integration With Healthcare Domain Scope	4th International Conference on Innovation in Electrical and Information and Communication Engineering 2023	Apr-23
57	Electronics and Communication Engineering	B.Kannapiran	Sign Language recognition and speech conversion using ML	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23
58	Electronics and Communication Engineering	B.Kannapiran	Stock Market Prediction with historical Time Series data and Sentimental Analysis	4th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'23)	Apr-23
59	Electronics and Communication Engineering	Sudha V.K.,	A Machine learning driven web platform for proactive crop yield and price analysis	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23
60	Electronics and Communication Engineering	M.Nithyakumar	Design of MIMO Antenna Array for Millimeter Wave Communications using Defective Ground Structure.	5th International Conference on Emerging Trends in Engineering and technology(ICETET-2023)	Apr-23
61	Electronics and Communication Engineering	R Sherine Jenny	Prediction of DDoS attack using machine Learning approach	4th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'23)	Apr-23
62	Electronics and Communication Engineering	R Sherine Jenny	Deep learning based numeric recognition system	4th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'23)	Apr-23
63	Electronics and Communication Engineering	R.Sherine Jenny	An Enhanced side channel secured PRESENT lightweight cipher for smart devices	7th International conference on Science,Technology,Engineering and management	Apr-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
64	Electronics and Communication Engineering	S. Abiramasundari	Design of Phased Array Antenna for 6 G Applications	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23
65	Electronics and Communication Engineering	N.Nithiyameenatchi	Anamoly Based Intrusion Detection using Hybrid Algorithm	4th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'23)	Apr-23
66	Electronics and Communication Engineering	P.Vanjipriya	Smart Voting System using Facial Reconenition and Fingerprint	5th International Conference on Emerging Trends in Engineering and technology(ICETET-2023)	Apr-23
67	Electronics and Communication Engineering	S.Thilagavathi	Metamaterial Based wearable MIMO antenna for WBAN Applications	2nd International Conference on Next Generation Computing Systems	Mar-23
68	Electronics and Communication Engineering	S.Thilagavathi	Deep Learning for Antenna Parameter Optimization in Wireless Communication	5th International Conference on Emerging Trends in Engineering and technology(ICETET-2023)	Apr-23
69	Electronics and Communication Engineering	T.Sathiapriya	A Comparative Analysis of Substrate Selection for RF Energy Harvesting Antennas	International Conference on Advanced Computing & Communication Systems	Mar-23
70	Electronics and Communication Engineering	C.Gokila	Drowning detection using machine learning	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23
71	Electronics and Communication Engineering	S.Abiramasundari	Autonomous Vehicle Pollution Detection With Auto Penalty System in Toll Plazas	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23
72	Electronics and Communication Engineering	C.Moorthy	Deep Learning based Quantitative Assesment of Reheated Coconut Oil with Spectral Clustering based Classifier	Intenational conference on Emerging trends in Communication, VLSI and Signal processing	Mar-23
73	Electronics and Communication Engineering	C.Moorthy	Automatic plant disease detection and alerting system using Convolution neural network	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
74	Electronics and Communication Engineering	C.Moorthy	Effective Poultry automation for Environmental closed Farms	International Conference on Recent Innovations in Computer, Communication and Manufacturing – (ICRICCM 2023)	Apr-23
75	Electronics and Communication Engineering	T. Sathiyapriya	Design of High Gain Microstrip Patch Antenna with Frequency Selective Surface For 5.8 GHz Energy Harvesting Applications	5th International Conference on Emerging Trends in Engineering and Technology	Apr-23
76	Electronics and Communication Engineering	S.Bharathi	Bone Cancer prediction using Hybrid deep learning algorithms	2nd International Conference on Next Generation Computing Systems	Mar-23
77	Electronics and Communication Engineering	S.Bharathi	Implementation of Sign language interpreter on Embedded C	5th International Conference on Emerging Trends in Engineering and technology(ICETET-2023)	Apr-23
78	Electronics and Communication Engineering	S.Bharathi	IoT based Manhole monitoring and Warning System	5th International Conference on Emerging Trends in Engineering and technology(ICETET-2023)	Apr-23
79	Electronics and Communication Engineering	Gurunathan V	Multimodal Biometric System Using Palm Vein and Ear Images	3rd International Conference on Computer Vision and Robotics (CVR 2023)	Apr-23
80	Electronics and Communication Engineering	Gurunathan V	Palm Vein Biometric System Using Support Vector Machine Classifier	3rd International Conference on Soft Computing for Security Applications ICSCS 2023	Apr-23
81	Electronics and Communication Engineering	Gurunathan V	Plant Leaf Diseases Detection Using KNN Classifier	9th International Conference on Advanced Computing and Communication Systems (ICACCS)	Mar-23
82	Electronics and Communication Engineering	Saravanakumar N	Design of High Slew Rate Operational Amplifier using Cadence 180 nm Technology	First International Conference on Renewable and Sustainable Energy Technologies (RESET 2023)	Mar-23
83	Electronics and Communication Engineering	N.Sugirtham	Classification and Enhancement of Under water Images using Deep learning	4th International Conference on Innovations in Electrical, Information and Communication Engineering(ICIEICE'23)	Apr-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
84	Electronics and Communication Engineering	N.Sugirtham	An enhanced Visual Ceryptography Scheme for secret Image Sharing	International Conference on Latest Trends in Science, Engineering and Technology (ICLTSET'23)"	May-25
85	Electronics and Communication Engineering	R.Sudhakar	Area Efficient hiding security counter measure against differential power analysis attack	Second International Conference on innovations in electronics and communication systems (ICIECS)	Nov-22
86	Electronics and Communication Engineering	K.C.Rajarajeshwari	Tophat monopole antenna for bio-medical Applications	International Conference on Recent trends in science, Engineering and Management	Apr-23
87	Electronics and Communication Engineering	K.C.Rajarajeshwari	L & S beacon dual band antenna for bio-medical application	3rd International Conference on Modelling, Simulation and Optimization.	Dec-22
88	Electronics and Communication Engineering	K.C.Rajarajeshwari	Narrow band 5G Antenna	3rd International Conference on Modelling, Simulation and Optimization.	Dec-22
89	Electronics and Communication Engineering	V.K.Sudha	Efficient Power Reduction of Volatile Memory Circuits using Gated Ground and Supply Gated Techniques	3rd International Conference on Communication, Computing, and Industry 4.0 (C2I4)	Dec-22
90	Electronics and Communication Engineering	V.K.Sudha	'Comparison of the power output of SRAM and SESRAM with and without use of Recovery Boosting Technique	International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	Nov-22
91	Electrical and Electronics Engineering	L.Chitra	Intelligent Energy Management Controller for hybrid energy sources	International Conference on Innovation Towards Sustainable Development Goals	May-23
92	Electrical and Electronics Engineering	L.Chitra	A Wide Conversion Ratio Bidirectional Modified Sepic Converter with Non dissipative snubbe	International Conference on Innovation towards Sustainable Development Goals	May-23
93	Electrical and Electronics Engineering	K.Umamaheswari	Optimization and Power Delay analysis of Different Full Adder Circuits	International Conference on Advanced Computing & Communication Syste	Mar-23
94	Electrical and Electronics Engineering	K.Umamaheswari	Design of High –Speed 3-Operand Binary Adder for Image Blending Applications	2nd International Conference on Electrical Electronics Communication Computing and Automation, ICAECA 2023	May-23
95	Electrical and Electronics Engineering	K.Umamaheswari	Double Boost DC/DC Converter with High Voltage Gain	International Conference on Innovation Towards Sustainable Development Goals	May-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
96	Electrical and Electronics Engineering	B.Kishore	CMOS based Low Power transimpedance amplifier	International Conference on Innovation Towards Sustainable Development Goals	May-23
97	Electrical and Electronics Engineering	S.Anthony Jesudurai	Representation of Gait Analysis using Single Axis Wearable Sensors	International Conference on Innovation Towards Sustainable Development Goals	May-23
98	Electrical and Electronics Engineering	K.Saranya	VLSI implementation of area error optimized compressor based multiplier	15th National Conference on Signal Processing,Communication and VLSI Design	May-23
99	Electrical and Electronics Engineering	K.Durgalakshmi	Utilization of Reduced Switch Components with Different Topologies in Multi-Level Inverter for Renewable Energy Applications-A Detailed Review	5th International Conference on Contemporary Computing and Informatics (IC3I-2022) at Amity University, Greater Noida	Dec-22
100	Electrical and Electronics Engineering	M.Prabhu Raj	Design and Development of automated test jig for Bluetooth Level Controller	International Conference on Innovation towards Sustainable Development Goals (SDGs)	Apr-23
101	Electrical and Electronics Engineering	Aarthi N	Genetic Based Fuzzy Logic control of SEDC motor	2023 International Conference on Computer Communication and Informatics	Jan-23
102	Electrical and Electronics Engineering	Selvanayakam A	Design Of An Energy Efficient Low Voltage Single Phase IM	2023 International Conference on Computer Communication and Informatics	Jan-23
103	Information Technology	K.Kanagasabapathi	Design and Development of a Deep Learning Based Resume Analyzer for Enhancing Recruitment Processes	International Conference on Innovative research in science and Technology,	May-23
104	Information Technology	L.Meenachi	Machine Learning Based Rainfall Prediction for Various Regions	7th International Conference on Computing Sciences 2023	May-23
105	Information Technology	P. Kalaivani	Mobile Application success prediction using Machine Learning	7th International Conference on Computing Sciences 2023	May-23
106	Information Technology	J.Ramprasath	Secured data transaction for agriculture harvesting using blockchain technology	2nd IEEE International Conference Vision towards emerging trends in communication and network technologies 2023 (ViTECON)	May-23
107	Information Technology	A.P.Janani	Machine learning based credit card fraud detection	International Conference on Information and Communication Engineering (ICICE'23)	Apr-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
108	Information Technology	J.Thimmiraja	Prediction of EV Charging Behaviour Using Machine Learning	International Conference on Innovation,Creativity and Computing Applications in Engineering,Pharmacy,Architecture and Management ICICAEPHAM 2023	Apr-23
109	Information Technology	A.B.Arockia Christopher	Efficient auditing scheme for secure data storage in fog to cloud computing	International conference on innovation, creativity and computing applications in Engineering, pharmacy, architecture and management (ICICAEPHAM 2023)	Apr-23
110	Information Technology	A.B.Arockia Christopher	Hedonic pricing of cloud computing services	International conference on innovation, creativity and computing applications in Engineering, pharmacy, architecture and management (ICICAEPHAM 2023)	Apr-23
111	Information Technology	K.Renuka Devi	Ensemble algorithm to speculate stock trend by analyzing technical indicators on historical data	6th International Conference on Inventive Computation Technologies (ICICT 2023)	Apr-23
112	Information Technology	Keerthiga G	Diabetes prognosis by integrating various machine learning approaches	4th International conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'23),	Apr-23
113	Information Technology	L.Meenachi	Banking chat bot application using artificial intelligence	4th International conference on Innovations in Electrical, Information and Communication Engineering	Apr-23
114	Information Technology	K.Renuka Devi	Detection of Plant diseases based on Convolutional neural network	7th International Conference on Trends in Electrical and Informatics	Apr-23
115	Information Technology	K.Renuka Devi	Optimization techniques for preserving privacy in data mining	5th IEEE International Conference on Electrical, Computer and Communication Technologies	Feb-23
116	Information Technology	Janani D	Prediction of chronic kidney disease using DCNN	IEEE Sponsored International Conference on communication, Security and Artificial Intelligence (ICCSAI'2022)	Dec-22
117	Information Technology	Soundariya S	Cross Domain Recommendation System using personalized preference Transfer	International Conference on Edge Computing and Applications (ICECAA 2022)	Oct-22

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
118	Information Technology	N.Praveen Sundra kumar	Determining Energy Consumption in Heterogeneous Cloud Computing by usage of RMRECFS Workflow with Cost Confinement	4th International Conference on Inventive Research in Computing Applications (ICIRCA 2022)	Sep-22
119	Information Technology	Priya Varshini A G	Multivariate adaptive regression splines applied to Software Development Effort Estimation	2nd Global Conference on Recent Developments in Computer and Communication Technologies (GCRDCT-2022)	Jul-22
120	Information Technology	G.Saranya	Security of Medical Data Using Paillier and Elgamal Encryption and Decryption	2nd Global Conference on Recent Developments in Computer and Communication Technologies (GCRDCT-2022)	Jul-22
121	Information Technology	K.Kanagasabapathi	Health Information Sharing in Cloud Environment Using Modular Encryption Standard	1st International Conference on Recent Developments in Electronics and Communication Systems	Jul-22
122	Information Technology	L. Meenachi	Multi Class Ensemble Classification for Crop Recommendation	5th International Conference on Inventive Computation Technologies-ICICT 2022	Jul-22
123	Information Technology	P.Sathiyamurthi	Fastest Data Transmission using PSO Algorithm	4th International Conference on Recent Innovations in Science to Technology	Jul-22
124	Information Technology	K.Renuka Devi	Efficient Data Hiding model using RDH algorithm	3rd International Conference on Data Intelligence and Cognitive Informatics	Jul-22
125	Information Technology	Soundariya S	Friend recommendation system using Image Encryption and Deep Learning	International Conference on Electronic Circuits and Signaling Technologies (ICECST-2022)	Jun-22
126	Information Technology	Priya Varshini A G	Machine learning Approach for software effort estimation using combination of Principal component Regression and Neural Network	International Conference on Electronic Circuits and Signaling Technologies (ICECST-2022)	Jun-22
127	Information Technology	S.Ponni@Sathya	Securing Healthcare Data using Blockchain Techniques	7th International Conference on Computing Sciences 2023	May-23
128	Mechanical Engineering	M.Jayaraj	Experimental Investigation Of Mechanical Properties Of Areca, Mulberry Reinforced Polymer Composites And Stress Analysis Spur Gear Using Abaqus	AMMA-2023 (International Conference on Advancements in Materials, Manufacturing & Automation 2023):	Apr-23

S. No.	Name of the Department	Name of the authors	Title of the Paper	Name of the Conference	Month & Year of Publication
129	Mechanical Engineering	Guru Pranes .S.V	Experimental Investigation on the Mechanical Properties of Banana /Glass Fiber reinforced hybrid composites	International Conference on "Advanced Intelligence and Innovations in Mechanical Sciences (AIIMS - 2.0)	Apr-23
130	Mechanical Engineering	Guru Pranes .S.V	Experimental Investigation on the Mechanical Properties of Caryota mitis / Banana Fiber reinforced hybrid composites	National Conference on " Recent Advancements in Science, Engineering & Technologies (RASET -2023)	May-23
131	Science & Humanities	. N. Chithra	Synthesis and Characterisation of Epoxy resin containing Azomethine Moiety	International Conferece on "Influence of Chemistry in the Transition towards Green Economy"	Mar-23
132	Science & Humanities	A. Shanmugapriya	Synthesis, characterisation and biological evaluation of Nickel (II) Complexes	International Conferece on "Influence of Chemistry in the Transition towards Green Economy"	Mar-23
133	Science & Humanities	R.Nishanthi	b-Hb-Open sets in Heriditary Generalised Topological Spaces	International Conference on," Advances in Mathematical,Computational and Physical Sciences"	Mar-23
134	Science & Humanities	S.Monolisa	QSPR Analysis of Butane Derivatives Using Johan Zagreb Indices	International Conference on," Applied Mathematical Models"	Jan--23
135	Science & Humanities	N.Punitha	Alpha-Hb-Open sets in Heriditary Generalised Topological Spaces	International Conference on," Advances in Mathematical,Computational and Physical Sciences"	Mar-23
136	Science & Humanities	M. Mariyappan	"Structural and optical investigations on Sm3+ions doped bismuthborate glasses for photonic applications"	2nd International Conference on "Sustainable Materials and Technologies for Bio and Energy Applications SMTBEA-2022"	Jul-22
137	Science & Humanities	D. Nivetha	An Analysis of Diasporic Consciousness in Selected Novels by Amitav Ghosh: Exploring Life and Work	Contemporary Perspectives in English Language, Literature and Cultural Studies (ICCPE-2023	Jul-22
138	Science & Humanities	B. Poorani	An Analysis of Diasporic Consciousness in Selected Novels by Amitav Ghosh: Exploring Life and Work	Contemporary Perspectives in English Language, Literature and Cultural Studies (ICCPE-2023	Jul-22
139	Science & Humanities	N.Punitha	γ-Hα-open sets in HGTS	International Virtual conference on Recent Trends in Applied Mathematics.	Oct-22