

PUBLICATIONS 2025-26

S. No	Name of the Author(s)	Dept	Title of the Paper	Name of the Journal	Month & Year of Publication	SCI/ ESCI/ SCI-E/ Scopus/UGC..etc./ Others	Impact Factor
1	Niraj Singh Mehta, Uendra Kumar Acharya, Subhashish Dey, Sunil Kumar, Manas Ranjan Majhi	CE	Investigation of dielectric activities on ceramic material with frequency variation in microwave application for antenna	Journal of Materials Science: Materials in Electronics	July-25	Scopus/ SCIE	2.8
2	A.H.L.Swaroop Dr.P.Kodanda Rama Rao S.Arun Chaitanya U.Pallavi	CE	Eco Friendly-Efficient M25 Concrete: A Performance Study Incorporating Industrial and Agricultural Byproducts for Sustainable Construction.	NOVYI MIR Research Journal	JUL-25	Google Scholar	
3	Dr.A.Sreenivasulu	CE	AI-Based Soil Stabilization Using Recycled Concrete for Sustainable Structural Foundations	MSW MANAGEMENT JOURNAL	Jan-26	SCOPUS	
4	Dr.A.Sreenivasulu	CE	Experimental investigation on mechanical,durability and microstructure behavior of alccofine and quartz sand in concrete	RevistaMateria	Jan-26	WoS/SCOPUS	1.22
5	Dr.Phani Kumar V	CE	Analyzing the mechanical and microstructure properties of geopolymer concrete using sustainable materials	Journal of Building Pathology and Rehabilitation	Sep-25	SCOPUS	
6	B.D.S.Manikanta, Subhashish Dey, G.T.N.Veerendra, A.H.L.Swaroop, A.V. Phani Manoj	CE	Performance measurement the additions of sawdust in the brick with the expansive soils	International Journal of System Assurance Engineering and Management	Jul-25	SCOPUS/ ESCI	1.4

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7	Subhashish Dey ,G.T.N. Veerendra, A.V. Phani Manoj, P.S.S.Anjaneya Babu, A.H.L.Swaroop	CE	Synthesize and applications of green custard apples leaves biosorbents for adsorptions of sulphates and fluorides from water	Environmental Surfaces and Interfaces	Dec-25	Google Scholar	
8	Subhashish Dey	CE	Modelling the Impact of COVID-19 on College Student Mode Choice for Educational Trips	Transactions of the Indian National Academy of Engineering	Nov-25	Google Scholar	
9	M.LakshmiSirisha	CE	Spatio-Temporal Ground waterquality assessment in a semi-arid upland region of Andhra Pradesh: A Geospatial Interpolation Approach	Water & Energy International-CBIP	Sep-25	SCOPUS	
10	G. Kiran Babu	CE	Analysis and Design of School Building Using Etabs Software (G+4)	Journal of Emerging Trends and Novel Research	Mar-26	UGC	
11	Dr. Subhashish Dey Dr.G.T.T.N.Veerendra A.Phani Manoj P.S.S. Anjaneya Babu	CE	Eliminations of sulphur and fluoride from contaminated water by the applications of various <i>types</i> of biosorbents materials	Water-Energy Nexus	Dec-25	SCOPUS	
12	G Sankara rao, K Nageswararao, G Venkateswara rao, G Sathish	CE	Stabilization of Expansive Clay Using Calcium Lignosulfonate for Subgrade Application	International Journal of Creative and Open Research in Engineering and Management	March-25	UGC	

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13	Harsha Vardhan, Tarun Sai Ram, Padma G, Sundar Rao B	CE	Prediction of Soil CBR using Machine Learning	Journal of Emerging Trends and Novel Research	March-25	UGC	
14	Sai Charan P, Suman S, Hemanth Maruthi, Jakeer Husain Sk.	CE	Laboratory Shake Table Study on the Liquefaction Characteristics of Poorly Graded Sands	Journal of Emerging Trends and Novel Research	March-25	UGC	
15	S. R. Gampa, Amarendra Alluri, Balaji Gutta	EEE	Optimum Sizing of Solar Photovoltaic Panels at Optimum Tilt and Azimuth Angles Using Grey Wolf Optimization Algorithm for Distribution Systems	Inventions (MDPI)	October, 2025,10(2) pp.04-025	ESCI	1.9
16	Srinivasa Rao Gampa, Amarendra Alluri, Maheshbabu Basam	EEE	The Application of an Optimised Proportional–Integral–Derivative– Acceleration Controller to an Islanded Microgrid Scenario with Multiple Non-Conventional Power Resources	Inventions (MDPI)	November,2 025,10(6) pp.01-025	ESCI	1.9
17	Amarendra Alluri	EEE	Fuel cell EV for smart charging with stochastic network planning using hybrid EOO-SNN approach	Springer – Analog Integrated Circuits and Signal Processing	July,2025, 124(54)	SCIE	1.2
18	K Krishna Kishore, Dr. G V Jagadeesh, M UjwalTeja,	ME	An experimental and artificial neural network based investigations on the	Next Research	February, 2026	Others	-

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	K Ramakanth		tribological behavior of hybrid aluminium matrix composites				
19	Dr. G V Jagadeesh	ME	Multi-objective analysis of ball burnishing process by Grey-Taguchi and Grey-Fuzzy methods	Engineering Research Express	October, 2025	SCIE	1.6
20	Dr. P Tejomurthi	ME	On the Efficiency of PCA-SVM Based Binary Skin Cancer Classification Technique	IEEE Wireless and Microwave Symposium (WAMS)	September, 2025	Scopus	-
21	Kommuri Ramakanth, Dr. G V Jagadeesh	ME	Prediction and optimization of process parameters of friction stir welded aluminum 6063 alloy	Journal of Alloys and Compounds Communications	August, 2025	Scopus	-
22	Dr. Premdasu Nalluri	ME	Catalytic pyrolysis of waste thermocol using rice husk ash and zeolite: A sustainable approach for hydrocarbon recovery and renewable fuel production	Renewable Energy	August, 2025	SCIE	9.1
23	Dr. G Karuna Kumar	ME	Analyzing Part Scheduling and Tool Usage in a Flexible Manufacturing System Using Simulation	International Journal of Scientific Research in Engineering and Management	August, 2025	Others	-
24	V. Priyadarshini , Dr. M.Kamaraju	ECE	Low power ALU design using hybrid clock gating: architecture, analysis, and experimental evaluation	Proc. Indian Natl. Sci. Acad.	08 September 2025	SCI	

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25	Dr. Y.Rama Krishna, Dr. B.Ajay Kumar	ECE	Design and analysis of a compact polarization independent wideband ultrathin metamaterial absorber for sub-6 GHz 5G applications	Electromagnetics	17 Jul 2025	SCI	
26	Dr. Y.Rama Krishna, Dr. B.Ajay Kumar	ECE	Design and characterization of an earbud-shaped wideband metamaterial absorber for electronic warfare	Proc. Indian Natl. Sci. Acad.	03 July 2025	SCI	
27	Dr. S. Ravi	ECE	Exploring progress in β -(Al _x Ga _{1-x}) ₂ O ₃ / β -Ga ₂ O ₃ heterojunction technology	Micro and Nanostructures, Elsevier	November 2025	SCI	
28	Dr. S. Ravi	ECE	Advanced gallium nitride high electron mobility transistors for biosensing applications	Microelectronic Engineering, Elsevier	15 November 2025	SCI	
29	Dr. S. Ravi	ECE	High-performance GaN-based HEMTs with β -Ga ₂ O ₃ buffer layer engineering	Journal of Korean Physical Society.	16 July 2025	SCI	
30	Dr. S. Ravi	ECE	Lattice-matched InAlN/GaN high-electron-mobility transistors (HEMTs)	Journal of Mater Science, Springer	30 July 2025	SCI	
31	Dr. E. Vargil Vijay	ECE	Spectrum sensing framework for wireless information transmission	Engineering Research Express	11 August, 2025	SCI	
32	Mrs. M. HemaLatha	ECE	Multi-objective analysis of ball burnishing process	Engineering Research Express	7 October 2025	SCI	
33	Dr. E. Vargil Vijay	ECE	Deep learning-based spectrum sensing for cognitive wireless sensor networks	PhysicaScripta	Jan-26	SCI	

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34	Dr. E. Vargil Vijay	ECE	Deep Learning based Hybrid LCCNN dual feature extraction framework	Engineering Research Express	Jan-26	SCI	
35	Mrs. V. Priyadarshini , M.Kamaraju	ECE	Design And Implementation Of Energy Efficient Arithmetic And Logic Unit Using 45 Nm Technology Based On Hybrid Logic Adder	International Journal of Applied Mathematics	Aug-25	Scopus	
36	Dr. B.Vamsy Krishna	ECE	Ct-Livernet: An Efficient Deep Learning Model For Liver Lesion Segmentation And Diagnosis	Journal of Theoretical and Applied Information Technology	Jan-26	Scopus	
37	Dr. B Ajay Kumar	ECE	Design of Wideband Cycle-Shaped Multi Resonant Antenna for Sub 6-GHz, WLAN, ISM, Applications	Progress In Electromagnetics Research C	Dec-25	Scopus	
38	Dr. Ch. Rambabu Dr. K. Srilakshmi Dr. P.Anil Kumar	ECE	Optimization of Energy consumption in Wireless Sensor Networks using Energy efficient Spherical Grid Routing Protocol	Journal of Mechanics of Continua and Mathematical Sciences	December 2025	Scopus	
39	Dr. K Srilakshmi	ECE	Comparative Analysis of FinFET and NSFET Architectures for Label-Free Biosensing Applications	Silicon Journal, Springer Nature,	12th January 2026	SCI	
40	Dr. K Srilakshmi	ECE	IoT-Enabled Wearable Healthcare Device with Real Time ECG Monitoring and Cloud Analytics	SSRG International Journal of Electronics and Communication Engineering	December 2025	Scopus	

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41	Dr. K.Srilakshmi, Dr. Ch.Rambabu	ECE	CUDA-enhanced YOLO feature extraction with RF-catboost ensembles for high-performance product review sentiment detection	Journal of Theoretical and Applied Information Technology	December 2025	Scopus	
42	Dr. Ch. Rambabu Dr. K. Srilakshmi	ECE	Design of Cascaded Circular Ring Semicircular Crescent Shaped Multiband Antenna for UWB, WLAN, WiMAX and 5G Midband Applications	Progress In Electromagnetics Research C (PIERC)	December 2025	Scopus	
43	Dr. T. Nagamani	CSE	Securing IoT Networks with SYN-GAN: A Robust Intrusion Detection System Using GAN-Generated Data	IAENG International Journal of Computer Science	Jul-25	Scopus	0.453
44	Dr. T. Srinivasa Rao	CSE	An AI Driven Approach for Real Time Noise Level Monitoring and Analysis	International Journal of Advanced Computer Science & Applications	Aug-25	Scopus, Web of Science	2.7
45	Dr. G. V. S. N. R. V. Prasad	CSE	Ensemble Machine Learning And Swarm Intelligence For Robust Heart Disease Prediction: Leveraging The Power Of Cuckoo Harmony Optimization	Journal of Theoretical and Applied Information Technology	Sep-25	Scopus	–
46	Ragavamsi Davuluri, Keerthi Guttikonda, T. Naga Mani	CSE	Intelligent approach for soil texture analysis and suitable crop selection using satellite images	Multimedia Tools and Applications	Oct-25	Springer	3

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47	Dr. R. Abinaya	CSE	YOLO v9-S Net: YOLO V9 Squeeze SegNet for Object Detection Using Vehicle Image	Journal of Field Robotics	Nov-25	Scopus	5.2
48	Dr. T. Nagamani	CSE	XMEDLLM: A Framework For Explainable Medical Intelligence Via Llms In Edge-Driven Mcp Systems	Journal of Theoretical and Applied Information Technology	Nov-25	Scopus	–
49	Dr. Kalyanapu Srinivas	CSE	Real-Time Adaptive Traffic Management Using Machine Learning and Internet of Things	Journal of Theoretical and Applied Information Technology	Dec-25	Scopus	–
50	Dr. Kalyanapu Srinivas	CSE	Evaluating QAOA And QSVM For Optimization And Machine Learning On Classical And Quantum	Journal of Theoretical and Applied Information Technology	Mar-26	Scopus	–
51	Mr.V.Raghu Ram Chowdary	IT	AI-Powered Forecasting for Precision Agriculture Predicting Crop Yield from Satellite Imagery and Weather Data	MAT journals	Aug-2025	DOI	1.5
52	Mr.V.Raghu Ram Chowdary	IT	Quantum Computing Principles, Progress, and Prospects	MAT journals	Sep-2025	DOI	1.5
53	Dr. Adilakshmi Yannam,Dr. Sk. Salma Begum	CSE (AI& ML)	Intelligent approach for soil texture analysis and suitable crop selection using satellite images”, Multimedia Tools and Applications	Multimedia Tools and Applications	October 2025	SCI & SCOPUS	3.6

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54	Dr. Sk. Salma Begum	CSE (AI& ML)	Multi-Task Deep Learning Framework for Segmentation and Severity Estimation of Leaf Diseases in Multi-Crop Environments	International Journal of Innovative Technology and Interdisciplinary Sciences	January 2026	Scopus	
55	Dr. Sk. Salma Begum	CSE (AI& ML)	Lightweight Cnn-Transformer Fusion Model for Automated Rib Fracture Localization in Radiographs	Journal of Theoretical and Applied Information Technology	February 2026	Scopus	
56	Dr.Y.Syamala	IoT	Optimization of Energy Consumption in Wireless Sensor Networks using Energy-Efficient Spherical Grid Routing Protocol	Journal of Mechanics of Continua and Mathematical Sciences	December, 2025	Scopus	0.39
57	Dr.Y.Syamala	IoT	Reliability analysis of FinFET-based adiabatic logic structures	Telecommunications and Radio Engineering	24-25 April 2026	Scopus	0.61
58	Subhashini Tata, Rohith Bala Jaswanth	IoT	Investigation of gate dielectric interface on contact resistance of short-channel organic thin-film transistors (OTFT).	PLOS ONE	September, 2025, pp.01-19	SCI	2.6
59	Dr. D.Prabhakar	IoT	A Chaotic Adaptive Whale Optimization Algorithm (CAWOA)-based Improved Rectennas for IR Energy Harvesting	International Journal of Information Technology	14 th January,2026	Scopus	--
60	Dr.B.Naga Sirisha	IoT	Novel image fusion method for brain tumor detection using Gaussian curvature and edge-preserving filters.	Iraqi Journal of Science.	30 th November,2025	Scopus	1.66

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61	Dr.B.Naga Sirisha	IoT	ECG Denoising using Multi-Stage Cascaded Recursive Least Squares Based Adaptive FIR Filter	Physical Communication	26 th February, 2026	Scopus & SCI-E	2.2
62	Ms. T. V. Narmada	BS&H	Giant Energy-Storage Density with Ultrahigh - Efficiency in Pb-free 0.94NaBiTiO ₃ - 0.06BaTiO ₃ Bulk Ceramics: Recent Trends in Applied Physics and Material Science	(CRC Press Taylor & Francis Group)	July 2025	SCI	2.8
63	Dr. T. Govinda Rao	BS&H	Characteristics of a Rotating Rivlin-Ericksen Fluid Model: Impact of Radiation Absorption, Hall and Ion Slip Currents on Magnetohydrodynamic Free Convective Flow over a Vertical Porous Plate	Cureus Journal of Engineering	July 2025	Peer Reviewed	-
64	Dr. P. Sumalatha	BS&H	Restoring Balance: Wetland Biology and Flood Regulation in a Rapidly Urbanizing city Vijayawada	International Journal of Creative Research Thoughts	August 2025		
65	Dr. P. Vijaya Lakshmi	BS&H	AlxIn1-x Sb Semiconductor Alloy Thermal Properties for Emerging Green Engineering Materials	International Journal of Innovative Science and Research Technology	September 2025		
66	Dr. M. Srinivasulu	BS&H	Reusable Coconut Waste Derived Adsorbent for Effective elimination of As (iii) and Cr (vi) from Aqueous Solutions	ECS Journal of Solid-State Science and Technology	September 2025		
67	Dr. D. K. Pavan Kumar	BS&H	Eulerian Integrals of I - function:	Journal of Interdisciplinary Mathematics	October 2025		
68	Dr. P. Rajani	BS&H	Algebraic Investigations on Anti-Fuzzy Soft Boolean Ring Theory	European Journal of Pure and Applied Mathematics	October 2025		

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69	Ms. T. V. Narmada	BS&H	Collating electro caloric and energy storage properties of lead free $\text{Na}_{0.5}\text{Bi}_{0.5-x}\text{Nd}_x\text{TiO}_3-0.06\text{BaTiO}_3$ ($x=0$ & 0.25) ceramics for solid-state refrigeration 0.94	Journal of Materials Science: Materials in Electronics	October 2025		
70	Dr. Y. Subba Rao	BS&H	Surfactant Influence on Morphology, Optical, Photocatalysis and Magnetic Performance of KBiFe_2O_5 Nanomaterials Obtained via Sol-Gel Method	Rasayan Journal of Chemistry	September 2025	SCI	2.2
71	Dr. D. K. Pavan Kumar	BS&H	Integral Transforms of Pragathi-Satyanarayana's I-function	Journal of Communications in Mathematics and Applications	December 2025	ESCI	0.3
72	Dr.P.Vijaya Lakshmi	BS&H	Eu^{3+} substituted $\text{Bi}_{2-x}\text{Eu}_x\text{WO}_6$ ($x=0.00-0.2$) Nano particles Structural distortion, Enhanced photoluminiscence, and improved photocatalytic activity Via Sol-Gel synthesis	Solid State Communications	01-02-2026	SCI	2.4
73	Dr.Sk.Bajivali	BS&H	Design and synthesis of new bis(α aminophosphonates) via ultrasound-driven nano $\text{BF}_3 \cdot \text{SiO}_2$ catalysis targeting α -amylase inhibition: In silico ADME and molecular docking stud	Phosphorus, Sulfur, and Silicon and the Related Elements	19-02-2026	SCOUP S,	1.6