

S No	Faculty Name	Dept	Title	Year	Journal	Scopus/SCI/ESCI/ Ugc Others
1	Albert H.M.; Shibu S.; Gupta A.; Ganganagunta S.; Neelima Patnaik D.; Rajagopalan N.R.; Manoj Kumar N.	H&S	Evaluation of the optical, photoluminescence, and thermal characteristics of Barium thiourea chloride (BTCL), a metal-organic crystal for photonic applications	2025	Journal of Nonlinear Optical Physics and Materials	SCI
2	Kumar A.G.; Krishna V.K.V.; Lingaswamy A.P.; Masma S.; Prathibha G.; Sujatha G.; Kumar P.S.; Kumar T.V.; Rao J.V.V.N.K.; Rao B.H.	H&S	Enhanced physical and optoelectronic properties of Ag-doped SnS thin films	2025	Chalcogenide Letters	SCI
3	Albert H.M.; Hunge S.S.; Indrakanti R.; Patnaik D.N.; Rajagopalan N.R.; Ram G.C.; Kumar N.M.; Gonsago C.A.	H&S	Crystal structure, optical, dielectric, and impedance analyses of a new organic-inorganic hybrid crystal: 4-aminopyridinium nitrate	2025	Applied Physics A: Materials Science and Processing	SCI
4	Aelgani V.; Gupta S.K.; Narayana V.A.	CSE	A 2-level meta-heuristic aware adaptive watershed technique based optimized convolutional deep neural network for lung cancer segmentation and classification using explainable AI	2025	Biomedical Signal Processing and Control	SCI
5	Bantupalli P.; Gimmedi S.; Shaik A.S.	ECE	Design of UWB Antenna with Band Rejection Characteristics Using EBG Structures	2025	Journal of The Institution of Engineers (India): Series B	Scopus
6	Mallikarjun G.; Narayana V.A.	CSE	The strategic utilization of machine learning insights to optimize the management of skin health in cattle	2025	Multimedia Tools and Applications	Scopus
7	Babu J.R.; Venkataiah V.; Narayana T.L.; Rao C.R.; Raj C.D.; Sairam R.C.H.S.N.P.; Anusha B.	CSE	Analyzing the Effectiveness of ML and DL in Combatting Personal Condition Misinformation on Social Media	2025	IAENG International Journal of Computer Science	Scopus
8	Muthubatali S.; Kamble V.; Kuralkar V.; Waghmare T.; Jayakumar T.	EEE	An innovative muted ant colony optimization (MAPO) controlling for grid PV system	2025	International Journal of Information Technology (Singapore)	Scopus
9	Murali K.; Maneiah D.; Kiran Kumar A.; Skandha Sanagala S.; Suhasini R.; Archana B.	CSE	A Safe and Secured Deep Learning Cnn Approach for Robust Intelligent Malware Detection Using Artificial Intelligence	2025	Lecture Notes in Electrical Engineering	Conf
10	Bhatt T.D.; Soni N.B.; Nippani S.K.	ECE	Frequency Coded Waveforms for Closely Spaced Target Detection	2025	Lecture Notes in Networks and Systems	Conf
11	Revathy G.; Senthilkumar J.; Gurumoorthi E.; Shyamalagowri M.	IT	Reinforcement Learning with Enhanced Bubble Sort for Wireless Mesh Networks Node Selection	2025	Communications in Computer and Information Science	Conf
12	Veerapaneni E.J.; Babu M.G.; Sravanthi P.; Geetha P.S.; Shariff V.; Donepudi S.	CSE	Harnessing Fusion's Potential: A State-of-the-Art Information Security Architecture to Create a Big Data Analytics Model	2025	Lecture Notes in Networks and Systems	Conf
13	Kumar M.K.; Narasimharao J.; Kumar B.P.D.; Rao E.N.V.P.C.; Rao B.V.; Naryana V.A.	CSE	A Personalized Cuckoo Search Algorithm-Based Process for Effective Image Segmentation Depending on Multilevel Thresholding	2025	Lecture Notes in Electrical Engineering	Conf
14	Malsoru V.; Shilpa K.; Reddy A.R.; Shaik A.S.; Sudha D.; Archana B.	ECE	A Novel Approach for Predicting Accuracy in Image to Image Translation by Means of Generative Adversarial Networks (GAN)	2025	Lecture Notes in Electrical Engineering	Conf
15	Raju K.S.; Parvathidevi G.; Sandhya Rani D.; Ravi Kumar G.; Archana B.; Suhasini R.	CSE	Assessment on the Development and Execution of Secured Architecture for Smart Health Care Systems Using the Internet of Things	2025	Lecture Notes in Electrical Engineering	Conf
16	Mahendar A.; Tarannum B.; Fatima T.; Premalatha B.; Karthik Reddy G.; Vivekananda A.	ECE	A Novel Multi-Focus Fusion Analysis Technique for Adaptive and Gradient Joint Constraints GAN	2025	Lecture Notes in Electrical Engineering	Conf
17	Mahender K.; Rao G.S.; Kamalakar G.; Venkateshwarlu S.; Polasa S.; Pulluri H.	EEE	Optimizing Combined Heat and Power Economic Dispatch Using a Differential Evolution Algorithm	2025	E3S Web of Conferences	Conf
18	Jyothi M.S.; Sanaboina S.V.S.V.P.; Kumar V.N.; Babu P.R.; Shaik A.S.; Reddy L.C.	ECE	An Effective Svm-Based Performance Model for the Optimized Neural Network Intended for Classifying Breast Cancer Disease	2025	Lecture Notes in Electrical Engineering	Conf
19	Rani B.K.; Sultana S.; Sravanthi M.; Naik M.N.; Ram B.S.; Reddy R.V.		Assessment of Homogeneity Intensity for Eliminating Additional Bias Using Image Segmentation	2025	Lecture Notes in Electrical Engineering	Conf
20	Bhargav Ram R.; Naveen Kumar M.; Sonth M.V.; Mahesh Reddy S.	ECE	An efficient power denso-optimized TRN generator by using clock gating and reconfigurable oscillators	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
21	Saidulu G.; Anuhya K.; Bhukya S.N.; Radhika B.	CSE	A dynamic data hiding method to encrypt cipher text for security-based image processing	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
22	Venkateswara Reddy R.; Vijaya Babu K.; Ravinder Naik V.; Jyothi Bai J.	CSC	An assessment on evaluation of image encryption techniques for practical applications in reliable multimedia applications	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
23	Shiva Kumar M.; Golla V.; Shweta N.; Krishnaia P.	CSE	An elegant and visually appealing way to enhance cutting-edge AI-driven simulated intelligence for the ever-changing e-commerce industry	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
24	Parameswar M.; Pandey L.B.; Sandhya Rani D.; Sargari S.	CSD	Examining the emerging threat of Phishing and DDoS attacks using Machine Learning models	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
25	Narayana V.A.; Pingili M.; Srujan Raju K.; Dileep C.	CSE	An essential hybrid model for developing fuzzy rules in a specific malware identification and detection system	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
26	Kumar M.S.; Ravi C.N.; Murali K.; Parimata S.	CSD	An examination of the big data-based security solution for safeguarding the virtualized environment in cloud computing	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
27	Venkataramaiah B.; Nagaiah U.; Veerender A.; Musike M.R.	ECE	Analysis on the deduplication of protected data using enhanced elliptical cryptography, load balancing, and associated support	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
28	Ranadeep Reddy D.; Srinivasa Reddy A.; Kotha M.; Suresh N.		A rapid development in the banking industry for convolutional neural network-based signature verification	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter

29	Soujanya K.L.S.; Parameswar M.; Ramaraju V.; Bhaskar N.; Sreekanth D.; Nayak S.K.	CSE	Dense Net Built on Relying Generative Adversarial Networks for Conceptualizing a Generative Adversarial Network Image Denoising	2025	Cognitive Science and Technology	Book chapter
30	Bhanu S.; Revathi B.; Fatima T.; Gaddam R.R.		Proposed methods for evaluating shape-based identification techniques for identifying numbers using CNN	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
31	Sangala S.S.; Tiwari R.; Chintalapudi S.R.; Paramesh S.	CSE	A fundamental deep learning algorithm-based system for hidden images in steganography	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
32	Archana K.; Kamala M.; Narayana V.A.; Reddy G.V.; Patra R.K.; Menaka G.	CSE	Analysis on Classical Image Forgery Identification Approach with Higher Accuracy Using Fusion-Based Testing Methodology	2025	Cognitive Science and Technology	Book chapter
33	Kirubakaran S.; Kumar E.; Ali Baig M.A.; Divya P.	CSM	Exploring video-based question processing by using graph transformation and complementing approach	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
34	Murthy A.S.D.; Nidhya M.S.; Gurumoorthi E.; Tiwari M.	IT	Attacks in IoT healthcare wearable sensors	2025	Revolutionizing Data Science and Analytics for Industry Transformation	Book chapter
35	Krishnaveni E.; Tiwari R.; Attuluri U.K.; Gajula R.		SVM and MLP-based optimized resource allotment simulation and demonstrations for load balancing	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
36	Gouri Sainath C.; Kumar Singh S.; Kumar A.K.; Annapoorna B.	CSE	Robust lasb-based modified data stenography methods for large size content hiding capability	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
37	Rajeswari M.; Reeja Igneshia Malar R.; Unissa R.; Sujani P.		Tuberculosis identification and detection application using deep learning- cloud based web	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
38	Suresh Ram B.; Satyanarayana T.; Saritha U.; Sinduja B.	ECE	An IoT-based, two-tier comprehensive and affordable intrusion detection system for smart home security	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
39	Parashar K.; Yerra S.S.; Afrin N.; Sahithi A.; Avala R.R.		An assessment of the machine learning technique's design metrics for creating search engines	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
40	Sanagala S.S.; Sivaiah B.; Boya A.; Kumar V.N.; Ravindernaik V.; Malsoru V.	CSE	A New Technique for Measuring the Performance on Convolutional Neuronal Networks (CNN) for Object and Image Categorization	2025	Cognitive Science and Technology	Book chapter
41	Senthil P.; Yalawar M.S.; Sateesh N.; Pradeep B.	CSE	Recognition and endorsement of enhanced privacy preservation in cloud computing through the RPSM method	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
42	Kamala M.; Usharani G.; Naresh Kumar V.; Reddy A.S.		Malicious transaction detection in Internet of Things networks using the Moth Blade Optimization and K Nearest Neighbor algorithms	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
43	Koppula V.K.; Sanagala S.S.; Soujanya K.L.S.; Reddy A.R.; Gangaram G.; Shankar G.V.	CSE	Determination of Covid-19 Disease Using Hybrid CNN Based Classification Using Deep Learning Applications	2025	Cognitive Science and Technology	Book chapter
44	Sailaja M.N.; Madhavalatha K.; Reddy G.V.; Jennifer S.	CSE	AI-driven cloud framework for IoT devices: Implementation and localization in indoor environment	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
45	Koppula V.K.; Reddy L.C.S.; Bhaskar T.; Laxmaiah B.; Bhukya S.N.; Tanikonda N.	CSM	Employing Big Data Analysis, an Unconventional Approach for Highly Computational Linear and Polynomial Regression Statistics in the Medical Industry	2025	Cognitive Science and Technology	Book chapter
46	Sanjeev D.S.; Nayak H.; Mahendar A.; Anusha P.		A novel method for minimizing IoT network-based mobile edge cloud computing with big data analytics	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
47	Sruthi P.; Suhasini R.; Narasimha V.; Chintalapudi S.R.; Rao D.T.V.D.; Mounika P.	CSM	Random Forest Classifier Assessment on Liver Disease Estimating Through Smote-ENN Balancing for Precision and Complexity Matrix	2025	Cognitive Science and Technology	Book chapter
48	Narasimha V.; Naveen Kumar M.; Suma S.; Mounika B.	CSE	An assessment on the utilization of machine learning for AI-driven fault identification in the industrial internet of things	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
49	Aruna Suhasini Devi Y.; Suhasini T.S.; Mamatha B.; Nagesh Y.	ECE	Developing and implementing cryptography and steganography to secure data for data hiding in images	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
50	Reddy L.C.S.; Saranya B.S.; Srinivas K.; Chary P.D.	CSD	Employing RSA based encryption by demonstrating a faster secured data system using Hadoop distributed file system	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
51	Shaik A.S.; Ramasamy M.; Ramji B.; Jahan T.	ECE	Lightweight cryptography and multifactor authorization are used to design and evaluate a large-scale data Internet of Things system that is secure and scalable	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
52	Venkateswara Rao K.; Kumar S.; Shilpa K.; Vijay Kumar C.	CSE	Analysis on an enhanced safe and secured intrusion detection system with a machine learning methodology	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter

53	Bhaskar T.; Saimanasa M.; Dharmajee Rao D.T.V.; Sai Prasanna S.	CSM	An innovative approach for classifying industrial components by integrating machine learning and image processing techniques	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
54	Babu C.H.R.; Saidutu G.; Rao K.V.; Kotha M.; Jyothi R.; Madhusudhan M.	CSE	Breast Cancer Evaluation and Prevention Assessment by Employing ML and SVM Algorithms	2025	Cognitive Science and Technology	Book chapter
55	Stravanthi P.; Swamy M.K.; Narasimharao J.; Ranaveer I.	CSE	A comparative study on the efficiency of machine learning techniques for recognizing malaria symptoms using microscopically image data	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
56	Sruthi P.; Kumar S.; Ranjith Reddy K.; Lakra P.P.	CSE	A secured and safer digital malware classification using an enhanced and efficient deep learning-based approach	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
57	Aelgani V.; Swathi M.; Vasundhara N.; Anitha G.	CSE	Employing an innovative machine learning regression methods for cotton leaf disease detection	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
58	Bhatt T.D.; Srinivasula Reddy A.; Azmeera R.; Vishalakshi J.	ECE	An innovative method for information security that makes use of RC4 and LSB techniques	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
59	Goud G.A.; Rasheeduddin S.; Maheswari K.; Ranitha G.		An examination of the process of creating a fault-tolerant resource scheduling approach for a cloud environment	2025	Applications of Mathematics in Science and Technology: International Conference on Mathematical Applications in Science and Technology	Book chapter
60	Kirubakaran S.; Vivekanand A.; Kumar G.R.; Narasimharao J.; Ramji B.; Sharif S.	CSM	Convolutional Neural Network Assessment to Identify Glaucoma in Eyes Using Retinal Fundus Images	2025	Cognitive Science and Technology	Book chapter