



RAJEEV GANDHI MEMORIAL
COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Scopus Journals for the A.Y 2025-26

1. **Dr.Nalavala Ramanjaneya Reddy**, Bade Rebecca, Dastagiraiah C, Pundru Chandra Shaker Reddy, Parveen Badoni, Asif S, and Yadala Sucharitha published a research paper entitled "Image-based Failure Detection and Visualization for Material Extrusion using Machine Learning" in Recent Patents on Engineering Journal with ISSN: 2212-4047, DOI:10.2174/0118722121380548250517165252, <https://www.eurekaselect.com/article/149165>, Published online on July 03, 2025.
2. **Dr. Nalavala Ramanjaneya Reddy** et al , Published a research article in International Journal of Mathematical Modelling and Numerical Optimisation (IJMMNO), Inder Science Publication, on “ Advanced control strategies for modelling and optimisation of hybrid microgrid for xEV applications” with ISSN : 2040-3615, DOI: 10.1504/IJMMNO.2026.10073026, Sourcelink:<https://www.inderscience.com/info/ingeneral/forthcomin g.php?jcode=ijmmno>.
3. Sudheer Hanumanthakari, **Dr. Nalavala Ramanjaneya Reddy**, Badugu Suresh, Madhavilatha Idimadakala, and Venkatesh Peruthambi, published a research article, on “Optimising electric vehicle energy management strategy using deep reinforcement learning and linear regression models” in International Journal of Mathematical Modelling and Numerical Optimisation (IJMMNO), InderScience Publication, with ISSN:2040-3615, DOI: 10.1504/IJMMNO.2027.10076798.
4. **Dr. K. Subba Reddy** and Bheemagundam Noorbi attended conference on "Real-Time Cloud VM Performance Prediction Using DTW and GRU Networks" in 9th International Conference on Inventive Computation On 15-17, April 2026, ISBN: 979-8-3315-6916-7, DVD Part Number: CFP26F70-DVD, (IEEE Conference) DOI: [10.1109/ICICT68280.2026.11511161](https://doi.org/10.1109/ICICT68280.2026.11511161)
5. **Dr. K. Subba Reddy** and Arikatla Annapurna, Dr. Thillaikarasi. M Presented a conferences paper on “A Comprehensive Survey on Distributed Denial of Service Attack Detection in Cybersecurity” in 2026 IEEE Asian Conference on Intelligent Technologies (ACOIT), 2026, DOI: 10.1109/ACOIT66109.2025.11437362
6. **Dr. M. Sravan Kumar Reddy**, et al. “Hybrid Enhanced Underwater Dark Channel Prior Framework with Vision Transformer Refinement, Mamba-Based Fusion, and Diffusion-Driven Dehazing”, Journal of Applied Science and Technology (JASTT) No. SI*, vol. 6, no. 05, pp. 161–



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- 188, Dec. 2025, doi: 10.38094/jastt605679. ISSN: 2708-0757
<https://jastt.org/index.php/jasttpath/article/view/679> (Scopus) (IF: 0.306) Q3
7. **Dr. M. Sravan Kumar Reddy**, et al. , “Adaptive Pan-sharpening via Contourlet Decomposition and Anisotropic Diffusion for Multispectral-Panchromatic 2D signals”, Journal of Applied Science and Technology (JASTT) No. SI*, vol. 6, no. 05, pp. 135–160, Dec. 2025, doi: 10.38094/jastt605678.(Scopus)<https://jastt.org/index.php/jasttpath/article/view/678> ISSN: 2708-0757 (Scopus) (IF: 0.306) Q3 h-index: 15
 8. **Dr. M. Sravan Kumar Reddy**, K.P.K., Balaji, B., Priya, B.H., Tejaswini, B. (2026). Automobile Vehicle Insurance Claims Fraud Detection Using Machine Learning. In: Bhateja, V., Yang, X.S., Pham, H.V., Omar, Z. (eds) Signal Processing, Telecommunication & Embedded Systems: AI and ML Applications. ICMEET 2025. Lecture Notes in Electrical Engineering, Volume 3 vol 1599. Springer, Cham. https://doi.org/10.1007/978-3-032-20318-2_29 ISSN: 1876-1119https://link.springer.com/chapter/10.1007/978-3-032-20318-2_29 Proceedings of Tenth International Conference on Microelectronics Electromagnetics and Telecommunications (ICMEET 2025)
 9. **Dr. M. Sravan Kumar Reddy** and C. K. Indira, Presented a conference paper on "An Improved Hybrid LinkNet-RNN Architecture for Intelligent Intrusion Detection in Cloud Computing," 2026 World Conference on Computational Science and Technology (WcCST), Gharuan, India, 2026, pp. 1-8, doi: 10.1109/WcCST67302.2026.11496316.
 10. **Dr. B. Rama Subbaiah**, C. Rajya Lakshmi, K. Lekha, K. Lavanya Kumari, M. Sai Tharun, are presented a paper entitled "An Integrated Machine Learning Model for Accurate Stroke Diagnosis Using CT Neuroimages" at International Conference on Smart Electronic Devices and Intelligent Systems (ICSEDIS 2026), held on 13th - 15th April 2026 by Royal College of Engineering and Technology, Thrissur. DOI: 10.1109/ICSEDIS68157.2026.11518183
 11. **Dr. B. Rama Subbaiah**, et all presented a paper titled as “Deep Learning-Based Multi-Disease Detection from X-Ray Images” at the “2026 IEEE Contemporary Computing Innovations Conference (CCIC) International Conference, organized by Department of Data Science, School of Computing, Mohan Babu University, Tirupati, Andhra



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- Pradesh during 06.02.2026 & 07.02.2026. DOI: 10.1109/CCIC68129.2026.11485891.
12. P. Bhaskar, G. Himabindu and **Dr. N. Madhusudhan Reddy**, "Advanced Generative Adversarial Network based Image Augmentation for Agricultural Applications using Convolutional Neural Networks", at the 5th International Conference on Sentiment Analysis and Deep Learning (ICSADL-2026), organized by Learning (ICSADL 2026), organised by Mid-West University, Birendranagar, Nepal during 18-20 February, 2026., India during Learning (ICSADL 2026), organised by Mid-West University, Birendranagar, Nepal during 18-20 February, 2026. DOI: [10.1109/ICSADL67539.2026.11451786](https://doi.org/10.1109/ICSADL67539.2026.11451786)
 13. Vinay Kumar Matam and **N Madhusudhana Reddy**, published an article entitled "TCG-CS: A Novel Cold-Start Recommendation Approach using Transformer-Capsule Networks and Gaussian Mixture Model Clustering" Engineering Letters Volume 33, Issue 11, November 2025, Pages 4670-4687 doi: https://www.engineeringletters.com/issues_v33/issue_11/EL_33_11_32.pdf (Scopus Indexed)
 14. **Dr. K. Narasimhulu**, Presented a conference paper on "Honey Bee-Inspired Energy-Efficient Cluster Head Optimization for Large-Scale Cloud-based IoT Applications", 5th International Conference on Expert Clouds and Applications, ICOECA 2025 Bengaluru, India, 2025, pp. 326 - 331, DOI: 10.1109/ICOECA66273.2025.00063 Publisher: IEEE(scopus)
 15. **Dr. K. Narasimhulu**, presented a conference paper on "YOLOv8 Integrated with Open CV: Vehicle Detection and Counting", Smart Innovation, Systems and Technologies, SIST, volume 117, International Conference on Advances in Computer Engineering and Communication Systems, pp. 349-359, 2025, DOI: 10.1007/978-981-96-4410-0_34 Publisher: Springer Nature.(scopus)
 16. J. D. S. Kumar, D. Imamvali and **P. Prathap Nayudu**, presented the paper entitled "SHAP-Enhanced Intrusion Detection System Using LSTM, TCN & Random Forest," 2026 9th International Conference on Intelligent Computing and Control Systems (ICICCS), Erode, India, 2026, pp. 964-971, during 16-18 March 2026. DOI: [10.1109/ICICCS67901.2026.11502788](https://doi.org/10.1109/ICICCS67901.2026.11502788). SCOPUS.
 17. J. D. S. Kumar, **P. Prathap Nayudu**, M. N. Gowthami, M. Charitha, K. Preethi and V. Parimala presented the paper entitled "Predictive



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- Modeling of Food Demand using Machine Learning - A Solution to Reduce Food Waste," 2026 International Conference on Electronics and Renewable Systems (ICEARS), Tuticorin, India, 2026, pp. 1905-1911, during 11-13 February 2026.
DOI: [10.1109/ICEARS67481.2026.11416566](https://doi.org/10.1109/ICEARS67481.2026.11416566). SCOPUS.
18. Prasanna Simhadati, **C Hrishikesava Reddy**, R Gomathi, Supriya Telsang, K Jayaram Kumar, A Barkathulla, V. Bhoopathy published a paper "Blockchain-Enabled Collaborative Threat Intelligence in IoT Security Using a Hybrid Neural Network Model" in International Research Journal of Multidisciplinary Scope ISSN (O): 2582-631X Vol:6, Issue:3, pages 889-901, DOI:
<https://doi.org/10.47857/irjms.2025.v06i03.04288>.
19. **Mr. C. Hrishikesava Reddy**, A. Mounika, J. Guru Kiran and S. Naju Presented a paper title "Small Vehicle Detection in Aerial Traffic Imagery using Advanced YOLO-Based Deep Learning Models" in International Conference on Machine Learning and Autonomous Systems (ICMLAS 2026) Organized by Stamford international university, Bangkok, Thailand on 11-13 March 2026. DOI: 10.1109/ICMLAS67792.2026.11483670
20. **C.Hrishikesava Reddy**, B.SAI Gokul and G.Naga Pavani Presented a paper title "Improving Coronary Artery Disease Prediction Accuracy with an Ensemble Approach and Two Layered Voting Framework" in 7th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2026) Organized by Francis Xavier Engineering College, Tirunelveli, Tamil Nadu, India on 20-22 May 2026. DOI: [10.1109/ICICV68925.2026.11554772](https://doi.org/10.1109/ICICV68925.2026.11554772)
21. **C. Hrishikesava Reddy**, M. Durga Prasad, S. Dhanush Kumar Reddy, K. Giri Babu and S. Jayanth Presented a paper title "Hybrid_Deep_Learning_Model_for_Social_Media_Sentiment_Analysis" in International Conference on Machine Learning and Autonomous Systems (ICMLAS 2026) Organized by Stamford international university, Bangkok, Thailand on 11-13 March 2026. DOI: [10.1109/ICMLAS67792.2026.11483667](https://doi.org/10.1109/ICMLAS67792.2026.11483667)
22. Shuchi Gupta, **K. Viswanath**, S. Gokul Pran, L. R. Sujithra, Yadluri Ravi Kishore, Arepalli Gopi, M. K. Mohamed Faizal and V. Bhoopathy published a research article, on "Enhancing Social Media Face Emotion Recognition Using a Fuzzy ELM Approach" in Journal of Computer Science, Science Publication, with ISSN : 1549-3636, DOI: 10.3844/JCSSP.2026.1034.1044.



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23. **Viswanath Kurnool**, S. D. Kurakula, A. Ulindala and K. R. Morareddy, "A Hybrid Ensemble Method for Accurate Software Defect Prediction," 2026 International Conference on Machine Learning and Autonomous Systems (ICMLAS), Bangkok, Thailand, 2026, pp. 1079-1085, doi: 10.1109/ICMLAS67792.2026.11483809
24. **B V Chandra Sekhar**, "Detecting Multi-Stage Persistent Attacks in Enterprises Using RANK-E, an Explainable Decision Tree AI", at the International Conference on AI-Driven Smart Systems and Ubiquitous Computing (ICAUC 2026), organized by Shinawatra University, Thailand in association with S.E. A College of Engineering and Technology, Bengaluru, Karnataka, India during 19-21, January 2026. DOI: [10.1109/ICAUC68182.2026.11441117](https://doi.org/10.1109/ICAUC68182.2026.11441117)
25. **B V Chandra Sekhar**, Farooq Sunar Mahammad, Rameswara Reddy Boddu, Thanikanti Sudhakar Babu, S.A. Poojitha, Pragati Priyadarshinee attended conference on "An Explainable NASNet Architecture for Reliable Detection and Interpretation of Synthetic Images" in International Conference on Inventive Computation Technologies (ICICT-2026), organized by Tribhuvani University, Nepal. on 15-17 April 2026, IEEE DVD Part Number: CFP26F70-DVD; ISBN: 979-8-3315-6916-7 (IEEE Conference). DOI: [10.1109/ICICT68280.2026.11510786](https://doi.org/10.1109/ICICT68280.2026.11510786)
26. **P. Naveen Sundar Kumar**, Anitha Ramanaboina, Lavanya Gundam, Ibrahim Khalilulla Sayed and Manoj Kumar Tellamekala Presented a paper title "Multimodal Sentiment Analysis for Healthcare" in International Conference on Machine Learning and Autonomous Systems (ICMLAS 2026) Organized by Stanford international university, Bangkok, Thailand on 11-13 March 2026. DOI: [10.1109/ICMLAS67792.2026.11483761](https://doi.org/10.1109/ICMLAS67792.2026.11483761)
27. **P. Naveen Sundar Kumar**, SMD Naseer, B.Pruthvi and N.K.Keerthana Presented a paper title "AI-Based Cyclone Intensity Estimation Using Infrared Satellite Imagery" in International Conference on Machine Learning and Autonomous Systems (ICMLAS 2026) Organized by Stamford international university, Bangkok, Thailand on 11-13 March 2026. DOI: [10.1109/ICMLAS67792.2026.11483858](https://doi.org/10.1109/ICMLAS67792.2026.11483858)
28. **D. Sravanthi**, A. Chiru Vardhan Reddy, O. Shanmukha Hari Prasad and J. Srinath Reddy Presented a paper title "Deep TrustChain: A



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- Blockchain-Anchored Hybrid Deep Learning Framework for High-Integrity Fake News Detection” in 2nd International Conference on Visual Analytics and Data Visualization (ICVADV-2026) organized by the Department of ECE, Francis Xavier Engineering College, Tirunelveli, Tamil Nadu, India, during 24-26 February 2026.
DOI: [10.1109/ICVADV67766.2026.11470363](https://doi.org/10.1109/ICVADV67766.2026.11470363)
29. **D. Sravanthi**, Presented a conference paper on "Explainable Multi-Feature Deep Learning Framework for Real-Time Counterfeit Currency Detection across Multi-Denomination Banknotes", 8th International Conference on Intelligent Sustainable Systems (ICISS 2026), Tirunelveli, India, 2026, pp. 738–745, DOI: 10.1109/ICISS67859.2026.11454071, Publisher: IEEE
30. **Mr. V. V. Nagendra Kumar**, Y. Chenna Kesava Reddy, Y. Naga Munendra, S. Naseer are presented a paper entitled "Deep Learning Based Lung Nodule Classification with Explainable Feature Analysis", on 12th International Conference on Communication and Signal Processing (ICCSP), Conference held on 20 & 21 April 2026 by The Conference Organizers Adhiparasakthi Engineering College, Melmaruvathur Chengalpattu, Tamilnadu. **DOI:** [10.1109/ICCSP68173.2026.11539587](https://doi.org/10.1109/ICCSP68173.2026.11539587)
31. **V. V. Nagendra Kumar**, Kavya Seelam, Seelam Ajay Kumar Reddy, Sai Krishna Sandilya Avadhanam, Nayakula Roopesh Kumar, are presented a paper entitled "Web-Enabled Affective Speech Analytics System for Real-World Human Interaction", on 9th International Conference on Inventive Computation Technologies (ICICT 2026), Conference held on 15 & 17 April 2026 by The Conference Organizers Pulchowk Campus, Institute of Engineering, Tribhuvan University, Nepal, IEEE XPLORE COMPLIANT ISBN: 979-8-3315-6917-4, IEEE DVD ISBN: 979-8-3315-6916-7.
DOI: [10.1109/ICICT68280.2026.11511084](https://doi.org/10.1109/ICICT68280.2026.11511084)
32. **V V Nagendra Kumar** and Rajeswari D, published an article entitled "Machine Learning based Predictive Analysis of Obstructive Pulmonary Disease Progression using Chest X-Rays", IEEE Xplore, 04 September 2025, DOI:10.1109/SATC65530.2025.11137241.
33. **V V Nagendra Kumar**, Medam Uma Sheshi and V Vijaya Chandra Rao attended conference on "A Real-Time Hybrid Threat Monitoring Framework with Human Validation for Cyber Security" in International



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- Conference on Smart Electronic Devices and Intelligent systems (ICSEDIS) 2026, organized by Royal College of Engineering & Technology, Kerala, India. on 13-15, April 2026, IEEE XPLORE COMPLIANT ISBN: 979-8-3315-8824-3, IEEE DVD ISBN: 979-8-3315-8823-6. DOI: [10.1109/ICSEDIS68157.2026.11518169](https://doi.org/10.1109/ICSEDIS68157.2026.11518169)
34. **S. Tahseen Banu**, B. Charitha, K. Manjunath, V. Chaitanya Kumar Reddy, are presented a paper entitled "Waveformer: Enhanced Android Malware Detection with Wavelet Transform" at 4th International Conference on Knowledge Engineering and Communication Systems, held on 24th -25th April 2026 by SJC institute of technology, Chikkaballapur. DOI: [10.1109/ICKECS70176.2026.11528137](https://doi.org/10.1109/ICKECS70176.2026.11528137)
35. **Dr O. Sampath**, Dr. C. Venkataswamy, B. Jonah Eric Franklin , attended 9th International Conference on Inventive Computation Technologies (ICICT-2026) organized by Thribuvan University, Nepal on 15-17 April 2026, "Machine Learning Approaches for Missing Meteorological Data Estimation in Nuclear Applications", DVD Part Number: CFP26F70-DVD; ISBN: 979-8-3315-6916-7. DOI: [10.1109/ICICT68280.2026.11511146](https://doi.org/10.1109/ICICT68280.2026.11511146)
36. **Dr. O. Sampath**, Presented a paper title "AI- ML Driven Forecasting Models for Price, Yield Prediction of Agri-Horticultural Commodities" in International Conference on Machine Learning and Autonomous Systems (ICMLAS 2026) Organized by Stamford International University, Bangkok ,Thailand on 11-13 March 2026. DOI: [10.1109/ICMLAS67792.2026.11483649](https://doi.org/10.1109/ICMLAS67792.2026.11483649)
37. **Dr. M. Ayyavaraiah** and D. Sreenath, Presented a conference paper on "Deep Learning–Driven Intelligent System for Early and Accurate Skin Cancer Diagnosis," in 2026 IEEE International Conference on Emerging Computing and Intelligent Technologies (ICoECIT), 2026, doi: 10.1109/ICoECIT68303.2026.11497057
38. **Suddamalla Subba Lakshmi**, Presented a conference paper on "Securing Wireless Sensor Networks Through Explainable Machine Learning–based Intrusion Detection", International Conference on Computer Networks and Inventive Communication Technologies (ICCNCT-2026), 2026, pp. 899–906, Publisher: IEEE
39. P. Bhaskar, G. Sai Bhargav, **Nagaraju Pacharla** and V V Nagendra Kumar, Presented a paper title "A Machine Learning Approach to Hypertension Prediction using Decision Tree Classifier" in Second



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- International Conference on Multi-Agent Systems for Collaborative Intelligence (ICMSCI-2026) Organized by Surya Engineering College, Erode, Tamil Nadu, India on 02-04 March 2026. DOI: [10.1109/ICMSCI67830.2026.11469417](https://doi.org/10.1109/ICMSCI67830.2026.11469417)
40. **Mrs. S. Rubia Parveen**, R. Mysoora Reddy, V. Harshitha, K. Chaitanya Kumar and K. Madhana Bhaskar Reddy Presented a paper title "A Two-Stage Intelligent Framework for Brain Tumor Detection Using Enhanced MRI Preprocessing and Deep Learning" in World Conference on Computational Science and Technology (WcCST - 2026), organized by Department of Computer Science and Engineering, with the technical Co-sponsorsered by IEEE CIS [IEEE Conference Record No.: 67302) during 26th - 27th March, 2026 at Chandigarh University, Campus- Gharuan, Mohali, Punjab, India. DOI: [10.1109/WcCST67302.2026.11495904](https://doi.org/10.1109/WcCST67302.2026.11495904).
41. Dr Sunil Vijay Kumar presented a paper titled "Ethereum-based Land Transaction Management with CNN2D-Powered Fraud Detection" in International conference on Machine Learning and Autonomous Systems. ISBN:979-8-3315-7456-7. DOI: [10.1109/ICMLAS67792.2026.11483796](https://doi.org/10.1109/ICMLAS67792.2026.11483796)
42. Dr. Sunil Vijaya Kumar Gaddam, Panyam Ram Mohan, "The Identification and Prevention of Privilege Escalation Attacks in the Cloud through the Utilisation of Machine Learning", published in the proceedings of 6th IEEE International Conference on Advances in Computer Engineering and Communication Systems (ICACECS-2025) held at VNR Vignana JyothiInstitute of Engineering and Technology (VNRVJET), Hyderabad, T.G., during 06-08, August 2025. (<https://icacecs.org/2025/>).
43. Dr. Sunil Vijaya Kumar Gaddam, Radhika, "DeepPharm: an Advanced Deep Learning Framework for Predicting Drug-Induced Side Effects", published in the proceedings of 11th IEEE International Conference on on Communication and Signal Processing (ICCSP-2025) held at Adhiparasakthi Engineering College, Melmaruvathur, TN, India, during 05-07, June 2025. (<https://iccsp.apec.edu.in/>).