



**KONGUNADU COLLEGE OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)  
NAMAKKAL - TRICHY MAIN ROAD, THOTTIYAM, TRICHY  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**FACULTY PUBLICATIONS  
ACADEMIC YEAR 2025-2026 (ODD)**

**JOURNAL :**

<b>Paper Count</b>	<b>Faculty Name</b>	<b>Journal Detail</b>	<b>Status of the Journal</b>
1.	Mr.K. Karthick	S. Kaliraj; S. Raghavendra; J.S. Femilda Josephin; V. Sivakumar; <b>K. Karthick</b> , “ <b>Predicting consumer's intention of biological products using e-commerce data</b> ”, INDER SCIENCE-International Journal of System of Systems Engineering, 2025 Vol.15 No.3, pp.215 – 231, July 10, 2025, <a href="https://www.inderscienceonline.com/doi/abs/10.1504/IJSSE.2025.147009">https://www.inderscienceonline.com/doi/abs/10.1504/IJSSE.2025.147009</a> , <b>DOI: <a href="https://doi.org/10.1504/IJSSE.2025.147009">10.1504/IJSSE.2025.147009</a></b> ,	Scopus
2.	Mr.K.Anguraju	Muthuraja Mani, Shanthi Natesan, Saravanan Thangavel, <b>Anguraju Krishna</b> , ” <b>Modelling a Deep Network Model for Diabetic Foot Ulcer Prediction Using Learning Approaches</b> ”, Page: 1987-1999, 14 Aug 2025 <a href="https://iieta.org/journals/ts/paper/10.18280/ts.420413">https://iieta.org/journals/ts/paper/10.18280/ts.420413</a> , <b>DOI: <a href="https://doi.org/10.18280/ts.420413">https://doi.org/10.18280/ts.420413</a></b> .	SCI
3.	Ms.L Nivetha	Dinesh Kumar Jayaraman Rajendiran , Ganesh Babu , Deepa Sundararaja, <b>Nivetha</b> , “ <b>Modelling a Novel Filtering and Classifier Approach for ECG Signal Processing</b> ”, 14 August 2025, Page: 2333-2345, <a href="https://iieta.org/journals/ts/paper/10.18280/ts.420442">https://iieta.org/journals/ts/paper/10.18280/ts.420442</a> , <b>DOI: <a href="https://doi.org/10.18280/ts.420442">https://doi.org/10.18280/ts.420442</a></b>	SCI
4.	Ms.P.Valarmathi	<b>P.Valarmathi</b> , N.M.Saravana kumar, “ <b>Enhancing blockchain scalability solutions and future directions</b> , Print ISBN 978-981-96-5219-8, Online ISBN 978-981-96-5220-4, Springer Nature Link, pp-261-271,29, July,2025, <a href="https://doi.org/10.1007/978-981-96-5220-4_22">https://doi.org/10.1007/978-981-96-5220-4_22</a> ,	Scopus

5.	Ms.K. M. Swarna Devi	S. Jayashree · S. Caroline · <b>K. M. Swarna Devi</b> · D. Lokesh, “ <b>Hybrid Aquila African Vulture Optimization Based Stability Enhanced DC-DC Boost Converter with Constant Power Load</b> ”, Journal of Electrical Engineering & Technology, Springer Nature Link, Published online :26 <sup>th</sup> September 2025, <a href="https://link.springer.com/article/10.1007/s42835-025-02461-6">https://link.springer.com/article/10.1007/s42835-025-02461-6</a> , <a href="https://doi.org/10.1007/s42835-025-02461-6">https://doi.org/10.1007/s42835-025-02461-6</a> ,	SCI
6.	Mr.R.Madana Chitran	Dr. M. Deepa, J. Vidhyajanani, M. Monica, P.J. Raguraman,P. Prakash, <b>R.Madana Chitran</b> , N.R.Vikram, “ <b>Lightweight Machine Learning Models For Wearable Seizure Prediction Using Multimodal Physiological Signals</b> “, Journal of Applied Bioanalysis, Volume : 11, Special Issue-4,Pages 730-737, December 2025, <a href="https://journalofappliedbioanalysis.com/lightweight-machine-learning-models-for-wearable-seizure-prediction-using-multimodal-physiological-signals">https://journalofappliedbioanalysis.com/lightweight-machine-learning-models-for-wearable-seizure-prediction-using-multimodal-physiological-signals</a> , DOI : <a href="https://doi.org/10.53555/jab.v11si4.1039">https://doi.org/10.53555/jab.v11si4.1039</a> ,	Scopus
7.	Dr.J.Yogapriya	Anguraju Krishnan <sup>1</sup> , Rajesh Arunachalam <sup>2</sup> , S N V J Devi Kosuru <sup>3</sup> , Swapna T <sup>4</sup> , Sumanth Venugopal <sup>5</sup> Yogapriya J <sup>6</sup> , “ <b>An IoT-based healthcare system using blockchain technology and multiscale stacked Residual-GRU for secure data transmission</b> ”, Scientific Reports volume 15, Article number: 44851 (2025) , Published: 29 December 2025, <a href="https://www.nature.com/articles/s41598-025-28856-z">https://www.nature.com/articles/s41598-025-28856-z</a> , <a href="https://doi.org/10.1038/s41598-025-28856-z">https://doi.org/10.1038/s41598-025-28856-z</a>	SCIE
8.	Ms.K. M. Swarna Devi	S. M. Vijayarajan <sup>1</sup> , G. Deepika <sup>2</sup> , <b>K. M. Swarna Devi</b> <sup>3</sup> , Manjunathan Alagarsamy <sup>4</sup> , “ <b>Electromagnetic field confinement-driven multi-resonator THz biosensing platform with Au–Ag–graphene hybrid coatings and angle-invariant machine learning prediction for point-of-care breast cancer diagnostics</b> ”, Springer- Microsystem Technologies (2026) 32:3 , Published online 27.12.2025, January 2026, <a href="https://doi.org/10.1007/s00542-025-05997-9">https://doi.org/10.1007/s00542-025-05997-9</a>	SCI

9.	Dr. M.Suganthi	Selvi Samiappan <sup>1</sup> ,Asha Mary Ravijothi <sup>2</sup> , Revathy Gurumurthy <sup>3</sup> , <b>Suganthi Muthuraj<sup>4</sup></b> “ <b>REWAR-sense: hepta sensors integrated adaptive deep learning model for water quality monitoring via thinkspeak cloud in Gulshan Lake</b> ”, Global NEST Journal, Vol 27, No 7, 07271, ISSN: 17907632, Online : 03.07.2025, <a href="https://www.scopus.com/pages/publications/105014834069?origin=resultlist">https://www.scopus.com/pages/publications/105014834069?origin=resultlist</a> , <a href="https://doi.org/10.30955/gnj.07271">https://doi.org/10.30955/gnj.07271</a>	SCI
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**FACULTY PUBLICATIONS  
ACADEMIC YEAR 2025-2026 (EVEN)**

**CONFERENCE :**

<b>Paper Count</b>	<b>Faculty Name</b>	<b>Conference Detail</b>	<b>Status of the Journal</b>
1.	Dr.J.Yogapriya	IoT Integration in Automated Financial Reporting Systems, 16 <sup>th</sup> International IEEE Conference on computing, communication and networking technologies, July 06-11, 2025, PAPER ID- 10028	ICCCNT
2.	Mr.Manikandan S	Hybrid LSTM-CNN Model for Real time Anomaly Detection in IOT-Enabled Smart Solar Energy Networks, 5 <sup>th</sup> Asian Conference in INNOVATION IN TECHNOLOGY (ASIONCON), 22&23-AUG,2025	ASIONCON
3.	Mr.Rathakrishnan C	Advancements in Wearable Biosensors for Monitoring Vital Signs, 16 <sup>th</sup> International Conference on Computing, Communication and Networking Technologies (ICCCNT), July 6 to 11,2025, Paper ID- 9740.	ICCCNT
4.	Ms.Suganya S	Enhancing Cybersecurity in Healthcare Hybrid Cloud Systems with Fedrated Learning and Blockchain, 3 <sup>rd</sup> World Conference on Communication and Computing, 25-27 <sup>th</sup> July,2025	WCONF
5.	Ms.Revathi S	AI – Driven Analysis Framework for HR Training Programs, 16 <sup>th</sup> International IEEE Conference on Computing, Communication and Networking Technologies, July 06 <sup>th</sup> - 11 <sup>th</sup> ,2025	ICCCNT
6.	Ms.Suganya S	Fuzzy Logic-Integrated BiLSTM Network for Sequence-Based English Translation Pattern Recognition, 5 <sup>th</sup> - Asian Conference on Innovation in Technology, 22-23, Aug 2025.	ASIANCON

7.	Mr.Anguraju K	Optimized Secure Transmission in IOT using Blockchain with Modified ElGamal Cryptosystem, 6 <sup>th</sup> International Conference on Electronics and Sustainable Communication Systems, 10-12 Sep,2025	ICESC
8.	Mr.Anguraju K	Implementing Post-Quantum Cryptography in Blockchain for Securing IOT Data Transmission, 6 <sup>th</sup> International Conference on Electronics and Sustainable Communication Systems, 10-12 Sep,2025	ICESC
9.	Mr.Anguraju K	Blockchain-Assisted Secure IOT Transmission using Homomorphic Encryption and Distributed Consensus, 3 <sup>rd</sup> International Conference on Intelligent Cyber Physical System and Internet of Things, 17-19,Sep,2025.	ICoICI
10.	Mr.Anguraju K	Securing IOT Data in Transit using Blockchain and Honey Encryption Against Active Adversaries, 6 <sup>th</sup> International Conference on Smart Electronics and communication,24-26, Sep 2025.	ICOSEC
11.	Mr.Anguraju K	A Multi-Layer Blockchain Architecture with Diffie-Hellman Key Exchange for secured IOT Communication, 6 <sup>th</sup> International Conference on Smart Electronics and Communication, 24-26, Sep 2025	ICOSEC
12.	Mr.Manikandan S	Hybrid K-Means- Fuzzy Logic Model for Automated Brain Tumor Segmentation and Classification from MRI Images, 2 <sup>nd</sup> Asian Conference on Intelligent Technologies, 10 <sup>th</sup> Oct, 2025.	ACOIT
13.	Mr.Thangadurai M.	IoT–Naive Bayes and Random Forest Hybrid Framework for Cyclone Prediction and Early Warning in Smart Cities, 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems, Organized by Navkis College of Engineering, Hassan, 22-23 August 2025.	IACIS



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**FACULTY PUBLICATIONS  
ACADEMIC YEAR 2025-2026 (ODD)**

**IEEE CONFERENCE :**

1.	Mrs.Suganya S	<b>Enhancing Cybersecurity in Healthcare Hybrid Cloud Systems with Federated Learning and Blockchain</b> , 2025 3rd World Conference on Communication & Computing (WCONF)Raipur, India. Jul 25-27, 2025, <b>IEEE Xplore: 17 November 2025</b> <a href="https://doi.org/10.1109/WCONF64849.2025.11233533">https://doi.org/10.1109/WCONF64849.2025.11233533</a> <a href="https://ieeexplore.ieee.org/document/11233533">https://ieeexplore.ieee.org/document/11233533</a>	IEEE
2.	Mr.T.Thangadurai	<b>IoT–Naive Bayes and Random Forest Hybrid Framework for Cyclone Prediction and Early Warning in Smart Cities</b> , 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS), <a href="https://ieeexplore.ieee.org/document/11211098">https://ieeexplore.ieee.org/document/11211098</a> , <b>DOI:10.1109/IACIS65746.2025.11211098</b> , <b>IEEE Xplore: 05 November 2025</b> , Electronic ISBN:979-8-3315-3677-0	IEEE
3.	Ms.Suganya S	<b>Fuzzy Logic-Integrated BiLSTM Network for Sequence-Based English Translation Pattern Recognition</b> , 5 <sup>th</sup> - Asian Conference on Innovation in Technology, <b>December 2025</b> , Electronic ISBN: 979-8-3503-5699-1 Print on Demand(PoD) ISBN:979-8-3503-5700-4 DOI: <a href="https://doi.org/10.1109/ASIANCON66527.2025.11281243">https://doi.org/10.1109/ASIANCON66527.2025.11281243</a> Link : <a href="https://ieeexplore.ieee.org/document/11232861">https://ieeexplore.ieee.org/document/11232861</a>	IEEE
4.	Mr.Manikandan S	<b>“Hybrid LSTM-CNN Model for Real time Anomaly Detection in IOT-Enabled Smart Solar Energy Networks”</b> ,IEEE <i>Xplore</i> : 16 December 2025, <a href="https://ieeexplore.ieee.org/document/11280716">https://ieeexplore.ieee.org/document/11280716</a> , DOI: <a href="https://doi.org/10.1109/ASIANCON66527.2025.11280716">10.1109/ASIANCON66527.2025.11280716</a> , Electronic ISBN:979-8-3503-5699-1 Print ISBN:979-8-3503-5697-7	IEEE

**FACULTY PUBLICATIONS**

**ACADEMIC YEAR 2025-2026 (ODD)**

<b>Paper Count</b>	<b>Faculty Name</b>	<b>Journal Detail</b>	<b>Status of the Journal</b>
<b>1</b>	Mr.Karthick K	Pradeepkumar K, Prathap P, Surendar S, “ <b>Garbage Bin Fill-Level Monitor Using Ultrasonic Sensor with Route Optimization Mockup</b> ”, International Journal of Scientific Research & Engineering Trends, Volume 12, Issue 1, ISSN (Online): 2395-566X, <a href="https://ijsret.com/2026/03/02/garbage-bin-fill-level-monitor-using-ultrasonic-sensor-with-route-optimization-mockup/">https://ijsret.com/2026/03/02/garbage-bin-fill-level-monitor-using-ultrasonic-sensor-with-route-optimization-mockup/</a> , DOI: <a href="https://doi.org/10.5281/zenodo.18832421">https://doi.org/10.5281/zenodo.18832421</a> , Jan-Feb-2026	<b>IJSRET OTHERS</b>
<b>2</b>	Mrs.M.Lavanya	Yogeswaran R , Pragedeeswaran S , Palanivel M, “ <b>Stegablock: Dual-Layer Steganography and Watermark System</b> ”, International Journal of Science, Engineering and Technology ISSN (Online): 2348-4098, <a href="https://www.ijset.in/wp-content/uploads/IJSET_V14_issue1_236.pdf">https://www.ijset.in/wp-content/uploads/IJSET_V14_issue1_236.pdf</a> , Jan-Feb-2026	<b>IJSET OTHERS</b>
<b>3</b>	Mrs.M.Lavanya	Ms. R. Kavinila , Ms. M. Harini , Ms. K. Keerthana, “ <b>Eduable: A Multimodal AI-Learning For Disabilities</b> ”, International Journal of Scientific Research & Engineering Trends Volume 12, Issue 1, ISSN (Online): 2395-566X, <a href="https://ijsret.com/wp-content/uploads/IJSRET_V12_issue1_191.pdf">https://ijsret.com/wp-content/uploads/IJSRET_V12_issue1_191.pdf</a> , Jan-Feb-2026	<b>IJSRET OTHERS</b>
<b>4</b>	Ms.Suhirdham K G	Abinaya S , Induja M K , Kanimozhi S, “ <b>An Automated Framework for Early Identification of Pre-Eclampsia</b> ”, International Journal of Scientific Research & Engineering Trends Volume 12, Issue 1, ISSN (Online): 2395-566X, <a href="https://ijsret.com/wp-content/uploads/IJSRET_V12_issue1_174.pdf">https://ijsret.com/wp-content/uploads/IJSRET_V12_issue1_174.pdf</a> , Jan-Feb-2026	<b>IJSRET OTHERS</b>
<b>5</b>	Ms.Suhirdham K G	M. Ganesh , S. Gunasivan , P. Manoj “ <b>Smart Aerial Spraying System: An IoT-Integrated Quadcopter for Sustainable Farming</b> ”, International Journal of Science, Engineering and Technology, ISSN (Online): 2348-4098, <a href="https://www.ijset.in/wp-content/uploads/IJSET_V14_issue2_120.pdf">https://www.ijset.in/wp-content/uploads/IJSET_V14_issue2_120.pdf</a> , Jan-Feb-2026	<b>IJSET OTHERS</b>

**CONFERENCE :**

<b>Paper Count</b>	<b>Faculty Name</b>	<b>Conference Detail</b>	<b>Status of the Conference</b>
1	Ms.Subha S	Hybrid Machine Learning and Image Processing Model for HRM-Driven Resume Screening and shortlisting in Higher Education, Paper ID – 810, IEEE International Conference on Communication Networks and Computing, December 29-30,2025	CNC 2025
2	Ms.Suhirdham K G	A block chain – Integrated Smart Sensor System for Real-time Monitoring and Automation using Telegram Bot, IEEE International Conference on AI-Driven Smart systems and Ubiquitous Computing, 19- 21, January, 2026	ICAUC 2026
3	Dr.Suganthi P	Multi – Temporal Remote Sensing Analysis for Deforestation Detection using a Siamese CNN- Transformer Hybrid Network, IEEE- 7 <sup>TH</sup> International Conference on Mobile Computing and Sustainable Informatics, 7-9, January, 2026.	ICMCSI 2026
4	Mr.Karthick K	Smart Diabetic Foot Ulcer Monitoring Using Deep Learning, International Conference on Shaping the Future of Healthcare: Integrating AI, IoT and Data Science Innovations, 29-30 <sup>th</sup> January 2026.	ICSHI-2026
5	Dr.Dhanabal S	A Blockchain Enabled System for Secure Domain Registration and Verification, International Conference on Innovation and Research in Multidisciplinary Domains, 31 <sup>st</sup> ,January 2026.	ICIRMD-2026
6	Dr.M.Suganthi	Elenta-AI Powered Academic Support System For Teachers, International Conference on Innovation and Research in Multidisciplinary Domains, 31 <sup>st</sup> ,January 2026.	ICIRMD-2026
7	Mr.Karthick K	A Sustainable AI- Driven Telehealth Infrastructure for Intelligent Threat Prediction and Data Protection, IEEE International Conference Technology and management for Sustainable Development, 6-7 <sup>th</sup> Feb, 2026.	ICTMSD-26

8	Mr.C.Radhakrishnan	An Image-based Digital Forensic Investigation Framework for Crime Analysis, 3 <sup>rd</sup> International Conference on Green Computing for Communication Technologies, 19-20 <sup>th</sup> Feb, 2026.	ICGCCT 2026
9	Dr.M.Suganthi	Real Time Smart College Food Court Ordering and Management System, National Conference on Emerging Technologies in Computer science, with focus on Computing Communication, AI and Data Science & Role of Literature in Everyday Life, 4 <sup>th</sup> March 2026.	ETCCCAIDS

**IEEE CONFERENCE:**

<b>Paper Count</b>	<b>Faculty Name</b>	<b>Conference Detail</b>	<b>Status of the Journal</b>
1	Dr.M.Suganthi	Multi – Temporal Remote Sensing Analysis for Deforestation Detection using a Siamese CNN- Transformer Hybrid Network, <a href="https://ieeexplore.ieee.org/document/11412534">https://ieeexplore.ieee.org/document/11412534</a> , DOI : <a href="https://doi.org/10.1109/ICMCSI67283.2026.11412534">10.1109/ICMCSI67283.2026.11412534</a> , ISBN:979-8-3315-5519 IEEE <i>Xplore</i> : 04 March 2026	IEEE
2	Ms.Suganya S	A Hybrid Hidden Markov Model and Neural Network Framework for Fraud Detection in Mobile Payment Systems, <a href="https://ieeexplore.ieee.org/abstract/document/11407168">https://ieeexplore.ieee.org/abstract/document/11407168</a> , DOI: <a href="https://doi.org/10.1109/InCoWoCo68239.2025.11407168">10.1109/InCoWoCo68239.2025.11407168</a> , ISBN:979-8-3315-7155-9, IEEE <i>Xplore</i> : 02 March 2026	IEEE