



**8th International Conference on Computational Intelligence
in Data Science (ICCIDS 2025)**

**Sri Sivasubramaniya Nadar College of Engineering (SSN CE)
Chennai, Tamil Nadu, India
website: www.iccids.in**

Paper Presentation Track Schedule

Track 1		
Advancements in Computer Vision for Real World Applications		
Day 1: 13 th Feb 2025, Thursday		Time: 01.00 – 03.30 pm
Venue: CSE Seminar Hall		
Session Chairs: Mr. Senthilkumar Vaidyanathan, Bungeetech, Chennai Mr. Rengasamy Ramanujam, Google Dr. S. Kavitha, CSE, SSN CE		
Session Coordinator: Dr. Y. V. Lokeswari, CSE, SSN CE		
S.No	Paper ID	Title
1.	004	AI- Enhanced breast cancer diagnosis (BCD) using machine learning models with GA-SA Hybrid <i>Ayyakkannu Selvaraj, Vijaya Ahire, Naqvi S Hussain, Venkateswaran Vijayan Pratima M Sukre</i> MGM University, Aurangabad, Maharashtra.
2.	244	Efficient Medicinal Plant Leaf Classification Using MobileNet Architecture: A Deep Learning Approach <i>Gayathri S, Devendran K, Suresh P, Sangeetha M, Agalya L R, Dhivya K</i> Kongu Engineering College, Perundurai.
3.	012	Efficient Yoga Pose Classification using deep neural networks <i>Divya K, Dr. T. Sree Sharmila</i> Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.
4.	27	SAVER: A Cost-Effective Drone-Based Object Detection and Thermal Mapping System for Enhanced Emergency Response <i>Jhalak Dutta, Smita Das, Subhajit Datta, Atyasha Bhattacharyya, Mohit Jena, Priyanshu Pilaniwala, and Khushi Bharti</i> Heritage Institute of Technology, Anandapur, Kolkatta.
5.	053	Anchors as Building Blocks: A Detailed survey of Scene Graph Decomposition and Captioning <i>Jaydeep Lokhande, Aditya Verma, Joshwa Joy Philip, Arya Haldankar, Sheetal Girase, Dr. Vishwanath Karad, MIT World Peace University, Pune.</i>
6.	58	Signxv8 For Realtime Sign Language Translation <i>Sanchith Abinav Rajeshnarayan, Anand Subburaj, Dr.J. Dafni Rose</i> St. Joseph's Institute of Technology, Chennai.



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Session Coordinator: Dr. Y. V. Lokeswari, CSE, SSN CE		
S.No	Paper ID	Title
7.	060	Advanced Multi-Class Brain Tumor Segmentation Using Deep Learning Architectures <i>Sreya Chowdary Karuturi, K. Satya Sai Santhosh, Charan Mandava, Afnaan.K, Tripty Singh</i> Amrita Vishwa Vidyapeetham, Bengaluru.
8.	064	EduVid: Transforming Educational Text into Engaging Videos <i>S. Felicia, D. Dilfina, Dr. Kalaichelvi Nallusamy</i> Sri Sivasubramaniya Nadar College of Engineering, Chennai.
9.	065	Smartspicevision: Revolutionizing Spice Authentication for Enhanced Detection, Grading, and Quality Control <i>Govarthanan V, Karthick J, Dr. Swarnalakshmi Ravi</i> Sri Sivasubramaniya Nadar College of Engineering, Chennai.
10.	066	Optimizing The Hyperparameters For Classification Of Lung Diseases From Chest X-ray Images <i>S. Kavitha, K. Kavitha, P. Prakash, G. PremSundar, L. Raghul, G. Rajdhilip</i> Kongu Engineering College, Perundurai.
11.	314	ResUNet-AttnASPP – A novel ResUNet architecture with Atrous Spatial Pyramid Pooling (ASPP) and attention gates for efficient brain tumor segmentation <i>Hannah C John , Shrina S ,Johaana Fejo Edwin Geo , Femilda Josephin Joseph Shobana Bai , and Senol Piskin</i> Sathyabama Institute of Science and Technology, Chennai
12	249	Leveraging Convolutional Neural Networks for Gait Recognition and Individual Identification <i>Afnaan K, Poluru Reddy Jahanve, Prajna Aasritha Adabala, Siwani Karna, Tripty Singh, Khaled Hushme</i> Amrita vishwa Vidyapeetham, Bengaluru



Track 2		
Innovations in Computer Vision for Smart and Medical Applications		
Day 1: 13 th Feb 2025, Thursday		Time: 01.00 – 03.30 pm
Venue: CSE Conference Hall		
Session Chair: Mr. Muthukumar Sundarrajan, Bungeetech, Chennai Dr. R. S. Milton, CSE, SSN CE		
Session Coordinator: Dr. S. Rajalakshmi, CSE, SSN CE		
S.No	Paper ID	Title
1.	083	Deep Learning-Based Comparative Analysis for Endometriosis Classification <i>S. Akhilesh, T Anisha Reddy, Tripty Singh, Afnaan K</i> Amrita Vishwa Vidyapeetham, Bengaluru
2.	086	Advanced Deep Learning Techniques for Accurate Brain Tumor Classification and Segmentation <i>Afnaan K, Koti Leela Sai Praneeth Reddy, Kadam Prajwal Dharmaraj, Keerthana Ajith, Tripty Singh, Khaled Hushme</i> Amrita Vishwa Vidyapeetham, Bengaluru
3.	090	EfficientNetB1-Based Model for Brain Tumor Classification in MRI <i>Piyusha Patil, Harshada Dhage, Sandhya Arora, Samiksha Badgujar, Roheeni Narayankar</i> MKSSS'S Cummins College of Engineering for Women, Maharashtra
4.	095	FoodWise: Diabetes-Friendly Nutrition Guide for Traditional Indian Dishes <i>Radha Senthilkumar, Srividya R, Abinaya S, Ahamed Alufar B A, Premkumar M and Jayanthi P</i> Madras Institute of Technology, Chennai
5.	099	The Amphibian and Reptiles Classification from Camera Trap Images Using Deep Learning <i>Suvalakshmi K , Bizu B , Manimaran A , Pratosh S , Pooja M , Ponranjith L</i> Kongu Engineering College, Perundurai.
6.	100	Deciphering the Intricacies of Pancreatic Malignancy Through Advanced Deep Learning Methodologies <i>Rohith C M, Geetha P, Kritesh Kumar Gupta, Shashank A</i> Amrita School of Artificial Intelligence, Coimbatore.
7.	101	Beam Light Detection and Intensity Analysis using Computer Vision <i>Nagavishnesh KS, Nirmala Paramanandham, Killamsetty Rahul, Gowtham V</i> Vellore Institute of Technology, Chennai Campus, Chennai



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8.	104	Deep CNN Based Image Classifier for Home CCTV Monitoring System to Detect Intruders <i>Sajan Roy Mayank, Rajalakshmi Alavanthan</i> Rajalakshmi Engineering College, Chennai.
9.	105	Optimizing Terrain Classification with Multi-Spectral Imaging Using Machine Learning Models <i>Parthvi Manoj, Munnangi Pranish Kumar, K. Satya Narayana Reddy, Geetha P, Shashank A</i> Amrita vishwa Vidyapeetham, Coimbatore.
10.	312	Empirical Analysis of Deep Learning Models for Multinational Currency Detection <i>Thenmozhi Durairaj, Abisha Elumalai</i> Sri Sivasubramaniya Nadar College of Engineering, Chennai.
11.	210	Real-Time Sign Language Recognition and Multilingual Translation Using Ensemble Deep Neural Networks and TensorFlow's MoveNet <i>Aarthy Reddy Sontam, Boyina Deepika, Minu Susan Jacob</i> Sathyabama Institute of Science and Technology, Chennai.
12.	250	Automated Melanoma Detection using integrated Neural network architectures <i>Gontla Venkat Sujana, Afnaan K, Tripty Singh, Khaled Hushme</i> Amrita vishwa Vidyapeetham, Bengaluru
13.	246	A Hybrid Deep Learning Framework for Image Deblurring and Colorization using CNNs and GANs <i>Karamala Rooshita, Nandikolla Venkata Vyshnavi, Nara R Sanjana Chowdary, Tripty Singh, Afnaan K</i> Amrita Vishwa Vidyapeetham, Bengaluru



Track 3		
Emerging Trends in AI for Speech and Text		
Day 1: 13th Feb 2025, Thursday		Time: 01.00 PM – 03.0 PM
Venue: IT Seminar Hall		
Session Chairs: Mrs. Vinita Jacob, Verizon, Chennai		
Dr. D. Thenmozhi, CSE, SSN CE		
Session Coordinator: Dr. N. Sujaudeen, CSE, SSN CE		
S.No	Paper ID	Title
1.	014	Multiactivity Agent Using LLM For YouTubers <i>Shreekanth S, Krishna Kumar Tiwari, Rashmi Agarwal,</i> Reva University, Bengaluru
2.	019	Synergy of Building Information Models and Semantic Web of Things for Next-Generation Building Intelligence <i>Vamsee Muppavarapu, Gowtham Ramesh</i> Amrita Vishwa Vidyapeetham, Coimbatore.
3.	025	Speech to Text Recognition by Machine Learning <i>Anitha Jebamani S, Punitha R, Saraswathi V, Swathyraja A, Kaviyarasan A</i> Sri Sairam Engineering college, Chennai.
4.	265	Hope Speech Detection and Classification Using Machine Learning and Deep Learning Techniques <i>Muthu Karuppan P, Malliga Subramaniam, Mohammed Yunus M,</i> <i>Mounish N</i> Kongu Engineering College, Perundurai.
5.	037	AI to conquer Stage fright <i>K.Haripriya , Dr.V .Vijaya Chamundeeswari, K.Gunasundari</i> Saveetha engineering college, Chennai
6.	093	Voice Unlocked: Transforming Speech Therapy for Special Children with VR and Gesture Animation <i>Radha Senthilkumar , Sanjay M , Ragul T , Revanth P & Jayanthi P</i> Madras Institute of Technology, Chennai
7.	142	Deep Learning Enhanced Suicidal Detection in Social Media <i>Dr. K. Nirmala Devi, Dr. Vani Rajasekar, Dr. P. Jayanthi, R. Nithish, R.P. Shrinitha, S.V.Nithish</i> Kongu Engineering College, Perundurai.
8.	35	Distilled GNN Approach for Anomaly Detection in Ecommerce <i>Huy Tran Tien , Nghia Dinh, Vinh Truong Hoang, Vaclav Snasel</i> Technical University of Ostrava Czech Republic



Track 4		
AI for Quantum, Blockchain and Secure Smart Applications		
Day 1: 13th Feb 2025, Thursday		Time: 01.00 – 03.30 pm
Venue: CTS Lab		
Session Chairs: Mr. Elango K, Altimetrik India Private Ltd., Chennai		
Dr. V. S. Felix Enigo, CSE, SSN CE		
Session Coordinator: Dr. H. Shahul Hamead, CSE, SSN CE		
S.No	Paper ID	Title
1.	005	Securing Sensitive Data Using Quorum-Based Encryption in HealthCare <i>Sudhagar Chinnathambi, Sowmya Maity and Shinu Abhi</i> Reva University, Bengaluru.
2.	021	Quantum AI-Enhanced Health Care Diagnostic Pod: A Leap Towards Accurate and Accessible Diagnostics <i>Dr. Soma Prathiba, Savitha Narayanamoorthy, Kishore M A, Sandhiya A</i> Sri Sairam Engineering College, Chennai.
3.	022	Post-Quantum Email: A Practical Implementation of Lattice-Based Cryptography with Crystals-Dilithium for Advanced Email Encryption <i>Kavitha V, Sivasaran G P, Ravindar A and Harish V P</i> Sri Sairam Engineering College, Chennai.
4.	034	Towards Robust Anomaly Detection in Cyber-Physical Systems: Approaches, Challenges, and Future Directions <i>Pradeep Chandran, K S Sunil</i> Government Engineering College, Idukki.
5.	62	Detection and Avoidance of Counterfeit Products Using Blockchain and Geographical Indication Tags <i>Muthu Aravind R, Muntazir Fayaz Wani, C.A Subasini and Adlin Sheeba</i> St. Joseph's Institute of Technology, Chennai.
6.	097	Defect Detection and Classification on Robot-Painted Pattern Surfaces Using Machine Learning Techniques <i>Nakul Limbani, Shiv Rastogi, Premalatha G, S Prabhu, G Vadivu</i> SRM Institute of Science and Technology, Chennai
7.	098	Quantum Machine Learning: Applications in Electrical Engineering <i>Rajalakshmi Alvanthan, Mayank Sajjan Roy, Karthick Krishna C</i> Rajalakshmi Engineering College, Chennai.
8.	106	Cyber-Physical System for Real-Time Road Monitoring, Incident Detection, and Traffic Management <i>Muthu Anand Su, Kamalesh Kumar Saravanan, Guru Sanjay R K, Nithya M</i> Sri Sai Ram Engineering College, Chennai.
9.	267	Wellness Wizard - A Diet Planner Powered By AI <i>Ponsy RK Sathia Bhama, Shivani Suresh, Shyamala R B, and Jayanthi P</i> Madras Institute of Technology, Anna University, Chennai.



Track 4		
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Session Coordinator: Dr. H. Shahul Hamead, CSE, SSN CE		
S.No	Paper ID	Title
10.	274	Enhanced Healthcare Efficiency through IoT-Enabled Energy Monitoring System <i>R Glory Sangeetha, Nikhil A , Gowtham T , Madhavan R , Surya V</i> Vel tech multi tech Dr.Rangarajan Dr.sakunthal engineering college, Chennai.
11.	293	Bridging the Gap: Air gapped networks in the era of ML and Big Data <i>Maanya C Bharath, K. B. Sundhara Kumar</i> SNU, Chennai.
12	291	Modified Fractal Based Genetic Algorithm for Packet Scheduling in Mobile Ad hoc Networks <i>Mercy Sharon Devadas, Dr. N. Bhalaji</i> Jeppiaar Institute of Technology, Chennai
13	224	A2RS: Adversarial Attack Resistant Steganography Technique for Medical Images in Digital Healthcare <i>Anand B, Arun Amaithi Rajan, Vetriselvi V</i> College of Engineering Guindy, Anna University, Chennai
DAY 1 END		

Track 5		
Intelligent Vision for Creative Automation		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: CSE Seminar Hall		
Session Chairs: Mrs. Kirthika Sivaraj, Wells Fargo, Chennai		
Dr. J. Suresh, CSE, SSN CE		
Session Coordinator: Dr. M. Saritha, CSE, SSN CE		
S.No	Paper ID	Title
1.	323	PawsitivelyYours: A Comprehensive Approach to Detect Canine Atopic Dermatitis <i>C Madhuja , Shreya Bhanot , Samreen Sidhu , Sreevidya B, Rajesh M</i> Amrita School of Computing, Bengaluru



Track 5		
Intelligent Vision for Creative Automation		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: CSE Seminar Hall		
Session Chairs: Mrs. Kirthika Sivaraj, Wells Fargo, Chennai Dr. J. Suresh, CSE, SSN CE		
Session Coordinator: Dr. M. Saritha, CSE, SSN CE		
S.No	Paper ID	Title
2.	107	Multi-Class Diagnosis of Ocular Diseases in Fundus Images using Fine-Tuned EfficientNetV2B3 Model with Self-Attention <i>Alok Kumar Karn , Aniket Dixit , Arnab Thakur, and Rimjhim Padam Singh</i> Amrita School of Computing, Bengaluru
3.	109	Attention Integrated DenseNet121 based U-net model for efficient Segmentation using LGG Tumor data <i>Dandu Sasi Sathvik Varma, Desham Mahitha, Gandu Chirudeep, Shanmukha Aditya, Rimjhim Padam Singh</i> Amrita School Of Computing, Bengaluru
4.	116	Deep Convolutional Neural Network Model For Predicting Alzheimer's Disease <i>Saravanan N P, Abishek R , Gokul P , Gowtham M , Manimaran A</i> Kongu Engineering College, Perundurai
5.	117	Automatic Comic Converter From Videos <i>Heyshiya K, B.Priskila, Kalaichelvi Nallusamy</i> Sri Sivasubramaniya Nadar College of Engineering, Chennai
6.	130	Efficient Channel Attention Based CNN For Skin Disease Classification <i>C.Kalimuthu, S.Muthukumar, V Angel Petricia</i> St.Joseph's Institute Of Technology, Chennai
7.	132	Eyesight : Integrative AI For Non-Invasive Diabetic Retinopathy Detection Using Pupillometry and Ensemble Deep Learning <i>Lakshanya H, Preethi R , Dr. C.A Subasini</i> St. Joseph's Institute of Technology, Chennai
8.	145	Satellite Image Analysis Using Convolution Neural Networks For Environmental Monitoring <i>Makkena Ganesh Sathya Vishnu Vardhan, Madhan Gajawada , Dr B.U. Anu Barathi</i> Sathyabama Institute of Science and Technology, Chennai
9.	175	Backend Optimization and Face Recognition in Real-Time Surveillance using DeepFace <i>Palivela Thanishka, Pulavarthi Avinash</i> Sathyabama Institute of Science and Technology, Chennai



Track 5		
Intelligent Vision for Creative Automation		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: CSE Seminar Hall		
Session Chairs: Mrs. Kirthika Sivaraj, Wells Fargo, Chennai Dr. J. Suresh, CSE, SSN CE		
Session Coordinator: Dr. M. Saritha, CSE, SSN CE		
S.No	Paper ID	Title
10.	180	AI-Driven Multi-modal Story Generator by Integrating Image Understanding with Creative Narrative Generation Using Gemini and OpenAI APIs <i>Shaik Jeelani Hansha , Sirigiri Venkata Lalith Sai, Dr Sonia Jenifer Rayen</i> Sathyabama Institute of Science and Technology, Chennai
11.	203	Revolutionizing Seed Plant Classification: CNN Approaches For Enhanced Accuracy <i>Sinhuja P M, Mithun Kumaran K, Mohamed Shakeel AK</i> St. Joseph's College of Engineering , Chennai

Track 6		
Computer Vision for Sustainable Smart Systems		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: CSE Conference Hall		
Session Chairs: Mr. Radhaswamy P, TCS, Chennai Dr. B. Prabavathy, CSE, SSN CE		
Session Coordinator: Dr. S. Raghavendra Kumar Sakkali, CSE, SSN CE		
S.No	Paper ID	Title
1.	325	CureFinder - A Smart Health Care Aide for Predictive Analysis of Disease <i>Amrutha Sivakumar , Srinidhi M , Anaswara Reji , Sreevidya B , Rajesh M</i> Amrita School of Computing, Bengaluru
2.	214	AgriGuardNet: A Unified Approach to Plant Disease and Pest Detection <i>Jayashree P, Mugundh J B, Swathy K S, Pooja M J, Vijai Suria M, Siva Jegadeesh C B</i> Madras Institute of Technology, Anna University, Chennai
3.	215	Advanced Plant Disease and Pest Detection for Sustainable Agriculture <i>Jayashree P, Mugundh J. B, Jegadeesh C. B, Vijai Suria M, Swathy K. S, Pooja M.</i> Madras Institute of Technology, Anna University, Chennai



Track 6		
Computer Vision for Sustainable Smart Systems		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: CSE Conference Hall		
Session Chairs: Mr. Radhaswamy P, TCS, Chennai Dr. B. Prabavathy, CSE, SSN CE		
Session Coordinator: Dr. S. Raghavendra Kumar Sakkali, CSE, SSN CE		
S.No	Paper ID	Title
4.	225	Design of a unified framework for Automatic Detection of FOD (Foreign Object Debris) in Airport Runways <i>Sornalakshmi K, Hemavathi D, Sindhu S, Srividhya S</i> SRM Institute of Science and Technology, Chennai
5.	073	Topple-Net: A Modified U-Net Architecture for Classification of Diseased Tomato and Apple Leaves in Uncontrolled Environments <i>Guruprasad GL, Thangavelu S, Bagavathi C</i> Amrita Vishwa Vidyapeetham, Coimbatore
6.	247	A Low-Cost Vision-Based Framework for Autonomous Driving Using YOLO, MiDaS, and Stereo Vision <i>V.Gopi Kiran, T.Hemanth Babu, Vidula N.A, Tripty Singh</i> Amrita vishwa Vidyapeetham, Bengaluru
7.	248	Kidney Stone Detection in CT Scans: A Hybrid Approach with Machine Learning and Deep Learning <i>Kundrapu Vineetha, Mettukuru Tharun Reddy, Narisetty Prathima, Tripty Singh</i> Amrita vishwa Vidyapeetham, Bengaluru
8.	144	A Secure System to Detect Animal Intrusion and Notify Users in a Farmland <i>Karmel Arockiasamy, Arun Santhosh R, Josiga S, Yanamadala Sai Chakrin</i> Vellore Institute of Technology, Chennai
9.	327	The Synergy of Federated Learning and IoT: Pioneering Privacy and Efficiency in Decentralised Systems <i>Achyuth Mukund, T. Aditya Varun, Dr. Sundharakumar KB</i> Shiv Nadar University, Chennai



Track 7		
Transformative AI Solutions for Speech, Education and Healthcare		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: IT Seminar Hall		
Session Chairs: Dr. Senthilvelan, CMRIT, Bengaluru		
Dr. B. Bharathi, CSE, SSN CE		
Session Coordinator: Dr. S. Saraswathi, CSE, SSN CE		
S.No	Paper ID	Title
1.	304	Predicting Diseases from Symptoms Using Machine Learning Models and Open AI <i>Balla Charishma Sulochana , Bhavya Sri Pragada , Boya Chaitanya Kiran , Gaddam Anvith Reddy , Sreevidya B. , Rajesh M.</i> Amrita vishwa Vidyapeetham, Bengaluru
2.	324	A Hybrid approach to Movie Recommendation: Combining Neural Networks with Collaborative Filtering <i>Chellu Vyshnavi , Chukka Mishal Raj , Guddeti Bindu Prasanna , Sreevidya B., Rajesh M.</i> Amrita vishwa Vidyapeetham, Bengaluru
3.	196	Transforming Lives: AIoT-Driven Deep Learning for Real-Time Speech Assistance for the Ophthalmologically Impaired <i>Shaline Edward, Shanthini S, Raghi K R, Uma Maheswari P</i> St.Josephs college of Engineering, Chennai
4.	217	Automatic Answer Assessment System for E-learning <i>Kavitha.V, Dr. A. Jaya</i> B.S.Abdur Rahman Crescent Institute of Science and Technology, Chennai
5.	218	Integrating A-LSTM with XGBoost for Improved Crop Price Prediction <i>GM Koushika Priyadharshini, Dr. Jayashree Padmanabhan</i> Anna University - MIT campus, Chennai
6.	226	Experimenting AI-Driven Haiku Generation through Reinforcement Learning and User Feedback <i>Bagavathi C, B Thilaknath Reddy, B Sri Ganesh, S V S Krishna Aditya, Vedant Dhaval Jobanputra</i> Amrita Vishwa Vidyapeetham, Coimbatore
7.	242	Leveraging Attention Mechanisms for Toxic Comment Classification and Real-Time Moderation <i>Dharnesh K, Eliza J, Radhakrishnan K R</i> St. Joseph's College Of Engineering, Chennai



Track 7		
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Session Coordinator: Dr. S. Saraswathi, CSE, SSN CE		
S.No	Paper ID	Title
8.	318	Comparative Insights into Modern Architectures for Paraphrase Detection <i>Viswadarshan R R, Viswaa Selvam S, Felicia Lilian J, Mahalakshmi S</i> Thiagarajar College of Engineering, Madurai
9.	295	Speech Emotion Detection for Tamil Language: Performance Evaluation of Deep Learning Models <i>R. Rajadevi , R.S. Latha , E.M. Roopa Devi, K. Logeswaran , S. Thanush and S. Karthickeyan</i> Kongu Engineering College, Perundurai
10.	308	Enhancing Cardiac Pathosis Evaluation Bot: An AI-Powered Multimodal Approach for Risk Assessment <i>Nookapayyi Denny Angus, Ngangom Helindra, Shanmuga Prabha P</i> Sathyabama Institute of Science and Technology, Chennai
11.	075	A Comprehensive Survey on AI-Based Approaches for Android Botnet Detection <i>Vaishnavi Suryakant Patil, Harsha Sonune, Tarushi Nimje, Krushnakshi Naik, Akshada Gaikwad</i> MKSSS's Cummins College of Engineering for Women,Pune
12.	108	Enhancing Academic Performance Prediction: A Novel Approach Using the TabNet Algorithm <i>Dr. Susheelamma K H, Dr. K M Ravikumar, Dr. S Sampath</i> C M R Institute of Technology, Bengaluru
13.	326	Domain-Specific Paraphrase Identification for Tamil Using SBert Models <i>Mahalakshmi S, Felicia Lilian J</i> Thiagarajar College Of Engineering, Madurai



Track 8		
Next Gen AI for Sustainable Systems		
Day 2: 14th Feb 2025, Friday		Time: 12.45 – 03.00 pm
Venue: CTS Lab		
Session Chairs: Dr. Beulah A, Rajalakshmi Engineering College, Chennai		
Dr. D. Venkata Vara Prasad, CSE, SSN CE		
Session Coordinator: Dr. A. Vijayalakshmi, CSE, SSN CE		
S. No	Paper ID	Title
1.	051	Automated Motor System for efficient Water Management: A step towards Sustainable Future <i>Jaydeep Lokhande, Bharati Dixit</i> Dr. Vishwanath Karad MIT World Peace University, Pune
2.	081	AI-Powered Scribble Analysis for Early Detection of Developmental Challenges in Special Children <i>R Pricilla, J Gold Beulah Patturose, M Naveen</i> St Joseph's Institute of Technology, Chennai
3.	087	Beyond 5G: How Blockchain is Revolutionizing Mobile Connectivity <i>Tiyasha Ghosh, Dheya Reddy Doddipalli and Radhakrishnan Delhibabu</i> VIT Vellore, Vellore
4.	236	A Review of Neuromorphic Computing and its Potential for Enhancing Digital Twin Technology <i>Vijayakumar K, Dr. C Lakshmi</i> SRM Institute of Technology and Science, Chennai
5.	257	Quality processing for mobile crowdsensing user data <i>Gladys-Alicia Tenesaca-Luna, Edgar Fabián Guamo</i> Universidad Técnica Particular de Loja
6.	320	Unlocking Hidden Patterns: A Comparative Analysis of Apriori and Adaptive PCY Algorithms in Big Data Association Rule Mining for Business Intelligence <i>Ajai Krishna T.S., Ramanan S.J, Jakkamsetti Ganesh, Vijayalakshmi S, Shalini B</i> College of Engineering, Guindy, Anna University, Chennai
7.	204	A Hybrid System for Sustainable Pesticide Application and Health <i>Joewin Daniel Raj G, Nandagopal K,, Sinhuja P M</i> St.Josephs college of engineering, Chennai
8.	259	A Vision Based Hand Gesture Interface For Controlling VLC Media Player <i>Karthikhaa Shree K T, Lakshna Shree R, Lakshmi S</i> St. Joseph's College of Engineering, Chennai
9.	276	Enhanced GAN based Framework for Super Resolution of Satellite Images <i>Dasarath R, Giftson Samuel Raj T, Heltin Genitha C</i> St. Joseph's College Of Engineering, Chennai



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Session Coordinator: Dr. A. Vijayalakshmi, CSE, SSN CE		
S. No	Paper ID	Title
10.	281	Neuro Fusion Advancing Brain Tumor Diagnosis using ManualNet models <i>Harshavardhini U , Dhevika M , EgaDharshine V , Madhumitha S</i> Vel Tech MultiTech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai
11.	299	Breast Cancer Detection through Tumour Metrics using Machine Learning Algorithm <i>Archana Reddy , Divya Jyothi G., Varshita Velumury , Chennupati Akshitha</i> <i>Sreevidya B., Rajesh M.</i> Amrita School of Computing, Bengaluru
DAY 2 END		
