IEEE MADRAS SECTION

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IEEE International Conference on
EMERGING TECHNOLOGIES IN ENGINEERING APPLICATIONS

ICETEA 2025
5 – 6 June 2025

Track-3: Digital Manufacturing, Automation and Robotics						
Day1: 5th June 2025 (Thursday)- Session-1						
Session Details	Paper ID	Paper Title	Authors Details	Date of Presentation	Timing	Venue Details
1	122	Deep-Learning-As-A-Service For Digital Twins: Ensuring Security With Adaptive Qos Techniques Using Secureflex Algorithm	Mr. Prithviraj R, Manishankar R Saminathan R, V. Padmavathi	5th June 2025	2.00 PM- 4:30 PM	COE-4
	225	225- Routing optimization of the Internet of Vehicle with Artificial intelligence.225 and 226- Efficient and secured Routing Management for Internet of vehicle using AI.	Kalaivani K, N Deepa			
	226	Efficient and secured Routing Management for Internet of vehicle using AI.	.K. Kalaivani , N. Deepa			
	452	Deep Learning Based Flaw Recognition And Its Source Analysis For Dynamic Industrial Processes	N. Nithiyanandam, Aswin Suresh , Nidhin Rajesh			
	601	Enhancing Machine Learning Performance with AI-Based Virtual Machine Load Balancing	R. SanthiKumar, Sahaya Sheela M, Bekzod Madaminov, Rajesh G, C.Navaneetha,Haritha KS			
	661	Intelligent Speed Control System for Automated Vehicles with Real-Time Hazard Detection and Response	Banumathy V , Kanimozhi M- Santhosh S, Satheesh Kumar T Rithick Roshan S			
	684	Contrast Enhancement And Noise Reduction Through Synthesizing Gaussian Filter, Clahe And He Algorithm For Image Preprocessing	K. Kumar, B. Theeban Chakkaravarthy			
	835	AI-Enhanced Materials and designs Inspired by Nature	P I Akshaya Sabarinathan S Sindhuja J			
	874	Intelligent System Log Analysis for Cybersecurity: Implementing Advanced Anomaly Detection	Puspita Dash, Balaji S, Ragul S			

	1676	Multiphysics Finite Element Analysis of a U-shaped Thermal Microactuator for MEMS applications	Dhananchezhian Uthiratchan, Vijayakumar Krishnan Karthick B Jntua, B Balasundaram			
	1678	Vehicle Roll dynamics control using Active Rear suspension in Three wheeled Vehicle	R Krishnakumar			