



PANIMALAR ENGINEERING COLLEGE
INTERNATIONAL CONFERENCE FOR
PHEONIXES ON EMERGING CURRENT
TRENDS ON INTELLIGENT COMPUTING
PECTEAM 2K26 – ICONIC



DATE: 27/03/2026 (FRIDAY)

BATCH-I

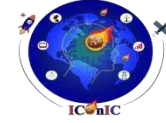
Timing: 11.45 AM-12.45 PM

VENUE: AV HALL 1 (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-33	Deep Learning Based Early Detection of Alzheimer's Disease Using MRI Images	GopikaShree A S,Gethu Shivani T S S ,Hari Priya P,Denisha S
G-37	DeepTraceNet	Esakki Sandhya M,Harini K,Deekshitha Selvam,Amirtha A
G-80	AI-Enhanced Augmented Reality Vein Visualization with Optimal Injection Site Detection and Real-Time Vein Tracking	Arshiya Roseline P, Abinaya M, Ashika D
G-91	Quantum Logic with AI for Personal Finance Tracker	Aishwarya P, Devadharshini G,Gowthamee G,Divya Shree V
G-94	Unmasking Anonymity: The role of digital Forensic Analysis	Deepamanasha M' T Harshavarthini Dharani C;Arthi B, Chaithra V
G-109	Echo-Guard : An Ai Driven Adaptive Travel Assistant	Uma Sumaswi Chintamaneni, Supriya.G, Dharani SH, Dharshini K
G-129	Ai-Based Crop Recommendation For Farmers	A.Joshi (professor) , T.Kalai chelvi (professor) , T.Selva banu priya (professor) , R.Rackshitha , V.Akshith kumar , T.E.Allen philip , M.Renuka devi
G-132	Multilingual AI Financial Advisor	Thanush C A,Sivanandham R ,Sriparthasarathy R,Kiran G,Mr. S. Suresh Siva S
G-133	Smart Air Pocket Detection System For Urban Flooding	Renitta J, Reshma R., Rithanya S
498	Classify AI: A Secure Natural Language Query System with Dual-Layer Validation for Educational Databases	S. Gabriel Alwin Varun, Aravinth S, Priya SB
1075	Power BI-Integrated Cloud-Edge Architecture for Real-Time Intelligent Data Analytics and Visualization in Distributed Edge Computing Environments	Savitha Gundappa Kurigara, Vaishnavi G P, Shaista Seher M A, Darshani A
1117	Deep Inspect AI: An Intelligent Machine Learning Framework for Automated Defect Detection in Smart Manufacturing Systems	NITHIN KATARIYA V , NARASIMHA , NIHAR JH , R MONISH BABU
1098	Multi-Agent Travel Planning System (MATPS): An Intelligent and Adaptive Trip Management Framework	Kondaparthi Guna vardhan , Pranav Nallari , T.Suvarna Kumari
1006	AI DRIVEN PERSONALIZED HEALTH AND DIET PLANNER	Sagnik Chakraborty
443	REMOTE HEALTH MONITORING SYSTEM WITH AI ANALYSIS	Shakunthala M, Srimathi M, Swathi J, Tirukala Yashika, Vijayavani K, Monisha V



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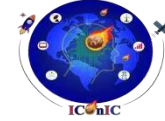
Timing: 01.30 PM-2.30 PM

VENUE: AV HALL 1 (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-139	Elderly fall detection using YOLOV8: Human Pose Estimation and Action Recognition	Pradakshana S, Thanusree K S, Preethi S, Yuvabarathi V
G-140	AgroBrain : Machine learning based Crop Recommendation for precision Agriculture	Shruthi S S, Swetha B, Sandhya C V
G-141	A Smart Wearable Safety Ring With Multimode Communication For Emergency Situations	Sasirekha S
G-147	PlacentaGuard: A Multi-Modal Deep Learning Framework for Temporal Ultrasound Analysis and Early Prediction of Placental Dysfunction	Nancy Angel J, Meenakshi A S, Madhivani A, Madhumetha M S
G-149	Ai-Powered Detection Of Fake Job Postings	Divya S
G-150	Adaptive Patient-Specific Alarm Optimization Using Statistical Modeling For Intelligent ICU Monitoring Systems	Varun M
G-152	Lung Cancer Detection	Suresh Kumar R
G-533	Meta-Learning For Self-Optimizing Artificial Intelligence Systems: Adaptive Strategies And Performance Enhancement	Shaunjay Roshan T
1100	AgroGuardAI: A Multimodal Deep Learning Framework for Early Detection of Plant Stress and Disease Using Smart Sensor and Vision Integration	Sagar Gangal , Sandeep Reddy , Rohith V , Sachidananda koujalgi
1116	Explainable AI-Based Financial Market Prediction Using Ensemble Machine Learning and Temporal Data Analytics	P N BHOOMIKA, SONIA N, ROCHAN R KULKARNI, NAVNITH KRISHNA G, K VENGATESAN, SWETA CHOPDAR
738	Road Damage Detection and classification using Drone images	Seemakurthi Abhiram MadiReddy Jaswanth Reddy Chinathambi Kamatchi
959	GENI Mail AI: An Intelligent Email Management System	P. Lavanya D. Pavan N. Srikar Venkata Rao. Y Devender Nayak. N
967	Smart E-Learning System with Emotion Detection using FER-2013 Dataset	N. Manogna, M. Govardhan Kumar, K. sandeep Kumar, K. Syed, M. Rambabu, N. Devender Nayak



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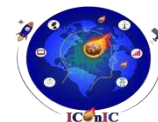
Timing: 11.45 AM-12.45 PM

VENUE: AV HALL 1I (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-155	Uniassist: Intelligent All-In-One Student Optimization Platform	Surendhar R A
G-160	Freshsense: An Ai-Driven Multimodal System For Food Spoilage Detection And Shelf-Life Prediction	Sivasakthi.S
G-161	Medblock Ai: A Blockchain- Based Emergency Healthcare System Integration Metamask Authentication, Organ And Blood Donation Matching With Ai-Driven Ambulance Dispatch	Swapna R, VPoojasree K, Darji Nandhini, Vaishnavi V, Kavi Varshini G
G-172	An Intelligent Automated Resume Screening System Using Natural Language Processing And Large Language Models	G Yeswanth, C Yeshwanth
G-234	N Intelligent Space Computing Platform For Autonomous Management Of Orbital Data Centers .	Preethi M, Prathesa S, Srilekha S, Safana Yasmin S, P.Kavitha
G-240	Ai Based Pain Detection System For Non-Communicative Patients	Thirumalini J, Sharmila J, Vaishali R, Mahalakshmi B
G-241	Ai-Powered Smart Women Safety Application With Voice-Activated Sos And Real-Time Location Tracking	Priyadarshini D
G-314	Smart Air Pocket Detection System For Urban Floating	Renitta J, Reshma R, Rithanya S
G-373	Elderly People Fall Detection Using Yolo V8: Human Action Recognition And Pose Estimation	Pradakshana S, Thanusree K S, Preethi S, Yuvabarathi V
G-386	Evaluating The Hidden Costs Security And Maintainability In Llm-Generated Code—A Controlled Experiment	Gurucharan G
790	Interpretable EEG-Based Cognitive Performance Classification Using SHAP-Enhanced Random Forest Modeling	Esakkiammal A, Dr. George Fernandez I, Sumy Joseph, Shivani Kumari, Akshitha, Dhruthi V
1041	Survey of Multidocument Summarization Techniques for Informative Bug Reports	BOOMIKA M
50	Detection of dental anomalies in X-ray using super resolution and siamese contrastive loss models	Nithiyasri S, Jaya S, Mrs. M. Prabha
1136	Zero Trust Architecture for network security by using Context-Aware Dynamic Authorisation (CADA)	Bhimavarapu Koushik Reddy, B Gokul Krishna Sai, Parth Mahesh Joshi, V Jagannadha Dheeraj, G. Muni Nagamani, Chanumolu Kiran Kumar
410	Secure IoT-Based Energy-Efficient Smart Street Lighting System with Mobile App Control	Sathyabama A R, Jeevaa Katiravan, Yuvashree Nagappan, Jayadarshini Raman
955	KATHACONNECT	Bovani Anusha, Ayesha, Alaboina Saipriya, Podapati Asmitha, Nenavath Devender Nayak



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BATCH-II

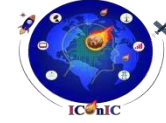
Timing: 01.30 PM-2.30 PM

VENUE: AV HALL 1I (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-389	Water Quality Prediction Using MI Models	Navin Balaji Vt, Nawin Kumar Us, Nawin Kaant Kp, Nielan C, S Arulanandan
G-404	Moldiffbind: Geometry-Conditioned Molecular Graph Diffusion For Protein-Drug Binding Affinity Prediction With Interpretable Pose Estimation	Infant Jason G A
G-440	Driver Drowsiness Detector	Kavya V B, Arulanathan D, Kanishka V, Krhutheekha S, Manjusri.P, Kiruthika S
G-441	Holosense: Ai-Driven Multimodal Spatial Interaction System	Hariharan A
G-444	Ai Medical Diagnosis Support System	Yashmitha, Kiruba Joyston, Yuthikha Shri , Madhumitha, Nanitta Serin , Malathi
G-446	Lightweight Ai Model For Crop Disease Detection In Low-Resource Environment	Mercy M, Jyotsna S, Lavanya K, Manisha D, Lakshmi Priyaa P, Monika J
G-458	Adaptxai-Med: An Adaptive Weighted Stacking Ensemble With Shap-Lime Reconciliation For Multi-Disease Early Prediction	Pugazhenthai M, Pranav V, Priyansh M, Shachin J
G-530	Piezoelectric transduction-Based Self- Powered Enclosure Autonomous Smartphone for micro- Energy Harvesting And emergency Management	Rubesh Adithya Selvarathnam, Raghul S, Pushparaj M, Raghul G, Rithikesh D
958	Rice Leaf Disease and Severity Level Detection Using EfficientNet-B0 with CBAM: A Deep Learning Approach	Pallikonda Sri Vardhini, Mohammed Danish Noman, Banoth Jahnavi, Sangyam Soundarya, Devender Nayak Nenavath
956	AI-Driven Multilingual Health Awareness Prediction-Level Disease Prediction System Using District-Level Data	M. Sreeja, M. Adarsh, R. Sathish, B. Sreenivas, N. Devender Nayak
426	SpoilSense-360: An AI-Driven Aroma Mapping and Shelf-Life Estimation System Using Hybrid Gas Sensor Arrays	SUSHMITHA V , VARSHINI G , JEMIMA HAVILA CATHERINE A
1360	Real-Time Monitoring and Performance Visualization of a Three-Phase Squirrel Cage Induction Motor	Divya P, Vishnu Priya M, W. Abitha Memala, A. Rameshbabu, G.T. Sundar rajan, C. Bhuvaneshwari
827	A Machine Learning-Driven Smart Agriculture System for Crop Yield Prediction and Fertilizer Recommendation Using LSTM and XGBoost Ensemble Models	ANBARASI S , ARCHANA V , DHARSHINI K, DIVYAASRI S, Mahendran N



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DATE: 28 /03/2026 (SATURDAY)

BATCH-III

Timing: : 9.00 AM-12.00 PM

VENUE: AV HALL 1 (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-457	Cyber Astra: An Ai-Powered Cyber Defence Intelligence System	Meenakshi R
G-452	Ai Network Traffic Anomaly Detection System	Monissha S,Kayalvizhi G,Mamtha R,Jeevadarshini L,Mukila S,Manoranjuna V
G-462	Real-Time Explainable Digital Twins For Icu Patients With Xai-Driven Resource Orchestration	Devadarshini
G-471	Woman Safety (Her Alert Safety Sensor)	S.Suresh -M. Vidhya Shree , Ramya S, Razeena R, Sancta Fannie
G-473	Ai-Driven Predictive Women Safety System	Jeevitha Jj ,Menmozhi K,Nisha K B,Nithyasri, Arunagiri,Yuvaraj P,Mohanakumaran K
G-475	Ai-Based Network Anomaly Detection And Risk Analysis System Using Machinelearning	Dama Balaji,Dinesh Karthikeyan P ,Dhaaresh Rohit T,Hariharan S,Deepan M, Dhivakar B
G-477	Online Biometric-Based Voting System With Enhanced Security	Adline Grace
G-482	Ai-Driven Predictive Smart Irrigation System With Water Optimization	R.Deepak,Ganesh.S,Dhayanand.T,Durai Ram.S,Jayaprakash.S,Joe Prince.A
G-483	Medlingua: A Multilingual Explainable Ensemble Learning Framework For Low-Cost Multi-Disease Prediction In Rural Healthcare Systems	Sriram S
G-485	Ai Based Optimization Framework For Achieving Campus Carbon Neutrality Under Resource Constraints	Ashik P , Deepan Vikram T R , Kavikaran , Madhan S
G-497	Blockchain-Based Blue Carbon Registry And Mrv System	1.Dhayanithi M,2.Balaganesh N,3.Arun E, 4.Anandhakrishnan K,5.Ariya Sri V
G-498	Smart Resume Analyzer:An Automated Approach For The Recruitment Process	Akash, Balasakthi,Aravind,Dhawal
G-507	Fake Review Detection Using Sentiment Analysis And Deep Learning For E-Commerce Integrity	Gracy Theresa
G-510	Ai-Based Smart Retrofit System For Old Appliances	Priyadarshini S, Swasthika S, Poshika Sri S, Sweetlin Christina B, Kaliappan
G-511	Ai-Based Network Anomaly Detection And Risk Analysis System Using Machinelearning	Dama Balaji, Dinesh Karthikeyan P, Hariharan S, Dhaaresh Rohit T, Deepan M, Dhivakar B



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DATE :28 /04/2023 (SATURDAY)

BATCH-IV

Timing: 9.00 AM-12.00 PM

VENUE: AV HALL I1 (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-521	Explainable Swarm Intelligence Framework For Traffic Optimization In Smart Urban Mobility	Vasundhara L, Thuvisha J , Nivethitha K, Prakima M, Praveena S, Shadhurshini S.
G-522	Autonoa: Where Geo-Fencing Meets Next-Gen Tracking	1. Divyadharshini A,2. Devadharshini Ma, 3. Bindu Sai A,4. Abirami G
G-527	Detecting Deepfakes Using Artificial Intelligence	Aarthi , Akshaya G, Akshaya P S, Dhaarika Sri S, Husna Rubhavathy, Jannai A, Sandhya
G-128	Ai-Based Energy Consumption Optimization System	Mohana Priya V(212), Jayashree V(177) , Mahalakshmi S(209) , Nithya Sree V(219)
G-546	Elevator Safety Measures For Modern High-Rise Buildings	Umesh I,Thushanthan R,Sivaraj R,Jenith Raja R,Vishal Babu B
G-549	Ai-Based System To Detect Online Exam Cheating	Sri Kanth Vp,Yogeshwaran S,Jeevan Kishore S,Thushanthan R,Thilak Rc
G-552	Ai-Based Smart Retrofit System For Old Appliances	Priyadharshini S, Swasthika S,Sweetlin Christina B,Poshika Sri S, Dharshini S, Gowshika M, Kaliappan
G-553	Visual Episodic Recall Assistant (Vera)	Prathiksha J, Oviya M.V, Patibandla Siri Varshini, Roshini Priya R, Vijayashree K, Yashika Varshitha M.A
G-560	Navi Ai - A Smart Indoor Navigation And Emergency Guidance System	Aryan A Sajith
G-561	NeuroAssist	(Sirisha. A), (Sherin Sanchana Jenifer. J), (Sree Vaishnavi. R), (Sneha Latha. YS), (Sweetly Saral. J)
G-562	MULTILINGUAL FAKE NEWS DETECTION USING NLP	Jaikerthe V,Dharshini P,Charulatha RK,Humairaa Fathima K,Aishwarya P,Hemapriya R
G-563	Driver Drowsiness Detection	Fouzia Sulthana S,G.Sailaja,Antlin Sweetly S.T,Anto Micheal Ansila M,Dharshini S,Aasha K,Mrs.Adlin Grace A.V.
G-564	AI-Driven Neem Disease Detection System Using Cnn And Swin Transformer For Smart Agriculture	Sridharan S



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DATE :28 /04/2023 (SATURDAY)
VENUE: DL (AI&DS BLOCK 1)

BATCH-V

Timing: 9.00 AM-12.00 PM

ID	TITLE	NAME OF THE AUTHORS
444	Flame Watch Smart Mobile Rover for Real-Time Fire Detection, Alarm Activation, Mobile Alerts, Bluetooth Navigation, and Camera-Based Environmental Monitoring	Sathyabama A R, Jeevaa Katiravan, Jaiyanth S K, Mitthun G
1051	GEN-PATH: A Generative AI-Driven Framework for Personalized Course Recommendation	Atcharaji R Harini G Deepa A Dr. Kavitha Subramani Dr. Umamaheswari A
727	VITALEYE : A VISION-ASSISTED PATIENT MONITORING FRAMEWORK FOR CLINICAL SAFETY.	Shruthi R, Vinmathi M.S, Sudha V
928	AI-DRIVEN OPPORTUNISTIC SCREENING FOR PANCREATIC CANCER	Dr. George Fernandez, Bhavana, Chaithra R, Ferozkhan, Aman
580	NEXT-GENERATION AMBULANCE CONNECTIVITY USING INTELLIGENT COMMUNICATION TECHNOLOGIES	Shakunthala M, Nandhini S B, Sandhya M, Swetha K S, Navami Krishna R, Pooja S
1191	SafeSpeak: A Secure and Anonymous Blockchain-Based Grievance Management System for Academic Institutions	Anand C, Logapriya K, Thirunelai oveya S, Shalini S, Nandhini A, Mohaideen Fathima P
1192	VIUGUARD TRAIN: A SMART VIOLATION DETECTION SYSTEM TRAINED USING REAL-TIME SURVEILLANCE DATA	Mrs. Nandhini A, Abarna I K, Abinaya J, Sriram V, Dr. R Adline Freeda, Mr. C.Anand
953	Navigating Infinite Choice: A Hybrid Learning Model for Personalized Travel Recommendation	CH. rohit ,G. bhanu prasad,B. ganesh,b. Siva shankar,S. Pradhyumna reddy,N. Devender Nayak
957	REPLATE-A Smart Decision-Support System for Food Service Waste Minimization Using AI and Geolocation Analytics	Padala naga balaji, voggu venkat ramana , Nenavath devender nayak and Mudusu rambabu
960	Mech Aware: AI-Powered Predictive Maintenance System For Manufacturing Equipment	1. Gone Swetha, 2. Nerala Jhansi, 3. Egurapu Akash, 4. Gurrala Raghavender, 5. Nenavath Devender Nayak
962	Adaptive AI-Driven Business Analytic Platform	S.Manikanta,T.Anitha,E.Vardhan,S.Raj avardhan,Bapu sreenivas,N.Devender nayak
954	AI-Powered Virtual Fitness Assistant for Personalized Wellness Management	D.Rahul, M.Parimal, K.Nandha Kishore, D.Nithin Reddy, N.Devender Nayak
992	Satellite-Based Air Quality Downscaling using Machine Learning	Abhinayashree M, Dhashna M, Dr.Kavitha Subramani, Dr.L.Jabasheela

383	Explainable Multimodal Deep Learning for Trustworthy Human–AI Collaboration	Manas Singha, Chandan Maji, Praveen Gopal Gaonkar, Rupam Bhagawati, Vengatesan.K, Likith Gowda BH
1181	HOPE CONNECT – AI Powered Platform Supporting for Children in Poverty	Mrs. A. Nandhini, Dr. Muthuselvan S, Mr. R. Rajasekaran , Yuvan Shankar B, Gowtham B, Praveen Kumar J
1196	Smart Iot-Based Vehicle Diagnostic System With Predictive Maintenance Using Stm32 And Tinyml	TARUN P MUTHAMIZH SELVAN AM M R EBENEZAR JEBARANI SRINIDHI M R
381	Energy Efficient TinyML Models for Intelligent Wearable Devices	Soumadip Mondal, Sweta Chopdar, Mithun Kumar, Vengatesan.K, Rupam Bhagawati, Dr. Samee Sayyad
382	Emotion-Adaptive Intelligent Systems Using Multisensory Data Fusion	Sweta Chopdar, Soumadip Mondal, Mithun Kumar, Vengatesan.K, Rupam Bhagawati, Dr. Samee Sayyad
445	Localhousehub-AGEospatial E-Commer platform	A.R. Sathyabama , jeevaa katiravan, N.Mahalakshmi, M.Malini
1347	A Data-Driven Approach to Early-Stage Autism Spectrum Disorder Detection	Dr. R. Adline Freeda, Chris Aaron, Chris Livingstone, A. Gopikrishnan, Ms. A. Nandhini, Mr.R.Rajasekaran
1062	AI-BrainSight: Hybrid Stacked Ensemble for Brain Tumor Classification with LLM-Powered Interpretability	Someshwar V, Sivashankari B
1133	Next-Generation AI-Powered Border Security Framework Using Multi- Model Surveillance and Intelligent Threat Detection	Sanjana R G, Rahila Mahammedshafee Sarwan, Nawaz Ahmed



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BATCH-I

Timing: 11.45 AM-12.45 PM

VENUE: CSE AV HALL (CSE BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-10	Crime Arrest Prediction Using Stacking Ensemble Learning	JAYASANJAY T, JAYA SABARI R, DEEPA P
G-12	Chain-Of-Hope: Blockchain for Ethical Blood and Organ Matching	Lincy Jemina S, Gautham Sangaraju , Gunji Venkata Krishna Karthik
G-13	Defense GPT – Phishing detection using ML	Godwin Arulraj S , Ezhilarasan E
G-58	AI-Based Waste Segregation Mangement	Dilip Kumar B , Gobinath R
G-75	AgriSense AI: Machine Learning Approaches for Smart Crop Yield Prediction	Mr.C.Elangovan Raja Rajeshwari K -Ponkeerthiga T-
G-88	Smart Vehicle Safety System With Alcohol Sensor-Based Engine lock and Wireless Reporting System	Gunatheesh R
G-101	Data-Driven Crop Recommendation System Using Machine Learning	Dhiviksan k k , Janarthanan R , Giridharan R , HariHaran M
G-125	Face Recognition based Attendance System	Dr.A.Hemlatha Dhevi , r.L.JABASHEELA , Dr. V. SUBEDHA , V..ANITHA , Aderu Chenchu Nikhil , Chakka
G-130	Offline Ensemble Deep Learning Framework for Automated Tomato Leaf Disease Diagnosis	LincyJemina S, Harikrishnaa S, Gokul E
G-154	EYEQ:Eye Stress Detection System	VARSHA PRIYAINI SATHYA MOORTHY
G-282	Early Hunger Risk Prediction and Transparent Relief Distribution Using AI and QR Verification	Monisha B, Monica S.J
G-311	OFFLINE LEARNING APP FOR RURAL STUDENTS	PRIYADHARSHINI K
G-316	Safety-Aware Urban Route Planning Using Risk-Weighted Graph Optimization	PRASHANTH S
G-320	Ai POWERED SIGN LANGUAGE TRANSLATOR	MONISHKUMAR M & NITHYANANDHAM S
G-324	Weather-Aware Smart Irrigation System for Water Resource Optimization using IoT and Machine Learning	Mukeash B, Mohammed Irfan S



PANIMALAR ENGINEERING COLLEGE
9th International Conference for
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PECTEAM-2K26



PECTEAM 2K26

DAY 1: 27/03/2025 (Friday)

Session-I

Timing: 11:45 AM to 3.00 PM

Venue: MECH DEPT / Second Floor / AV HALL

S.NO	PAPER ID	PAPER TITLE	NAME OF THE AUTHORS
1	G-38	Analysis and Optimization of Car Seat Frame to Increase Safety Measures	Rishi Madhan, Rahul A, Krishnasamy N, Saran M, Naveen K
2	G-39	IoT-Based Hierarchical Solar Array Monitoring System (HSAMS) of Real-time Panel-Level Fault Detection with ESP32 and INA219 Sensors	Mathiyazhagan S, Dharansurendar S S, Rahul M J, Jaya Surya S, Puviyarasan M.
3	G-40	Mechanical Performance Evaluation of Hybrid Composite Woven Ring Joints	M. Harish, B Shanmuganathan, D Logeshwaran, I. John Solomon, B. Prabhu
4	G-41	Comparative Finite Element Analysis of Epoxy Resin Reinforced Laminated Composite Plates Using Glass and Basalt with Different Fiber Orientations	P Iyyan Paramanandam, J Bharath, D Subramaniam, G Surendar, S Surendar
5	G-42	Mechanical and Operational Characteristics of Pneumatic Feed Drilling Machine	N. Nithyanandan , Pragadeeswar L , Suresh R , Rahul Ganesh A. U, Subhashanraj P
6	G-43	Influence of Stitching on the Impact Resistance of Fiber-Reinforced Epoxy Laminates	R.Harish, S.NaveenKarthik, M.Madhan Kumar, J.Gunasekaran, J.Murugesan
7	G-44	A Review on Flax Fibre Reinforced Polymer Composites Modified with Alumina (Al ₂ O ₃) Fillers	Ganesan Gnanakumar, Caleb K J, Sanjivarajan P A,



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S.NO	PAPER ID	PAPER TITLE	NAME OF THE AUTHORS
			Sukumar E D, Yuvabalaganesh S
8	G-45	Effectiveness of Clay-Based Prosthetic Implants for Amputated Metatarsus: Implications for Gait Restoration and Biocompatibility – A Review	B Bradley Bright
9	G-47	Enhancement of performance and emission characteristics of neat palm biodiesel with enriched hydrogen	K.Thiruselvam, G.Yuvaraj, Yaswanth.U, Surya.R , Sathya Narayanan.V
10	G-49	Mechanical Characterization and Vibration Analysis of Flax Fibre and Rice Husk Reinforced Polymer Composites: A Review	S.Santhosh Kumar, M.Guhan, E. Kavimani, K.S.Vignesh, P.Anish
11	G-50	Design and Analysis of Tee Joint in FDM 3d Printer Using PLA Material	Anbarasu. A, Agathiyan A, Anand Raj R, Anthony Francis N, Adhi Kesavan V Adhi Subramani I.
12	G-51	Artificial Intelligence in Biomaterials for medical implantation - Comprehensive Review	Senthil Kumar P
13	G-414	A Critical Review on Mechanical Properties of Synthetic Fiber Reinforced Polymer Composite Laminates	Aravindhnan R, Aravinth Arasu D, Harish Kumar K, Nagaarvinth N, Murugan R, Karthikeyan L
14	G-289	A Critical Review on Free Vibrational Characteristics of Natural Fiber Reinforced Polymer Composite Laminates	K.M. Keerthi Ramanaa, J. Jeeva, R. Prasanna, S. Manoj Kumar L. Karthikeyan, R. Murugan,
15	G-127	Comparative Analysis of Spur Gear Drive Made of Same Material and Different Material	G.Senthilkumar, I. Kevin Robert, S.Sathish kannan, M.Kishore, S.Gokulnath



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DAY 1: 28/03/2025 (Saturday)

Session-II

Timing: 08:45 AM to 11.45 AM

Venue: MECH DEPT / Second Floor / AV HALL

S.NO	PAPER ID	PAPER TITLE	NAME OF THE AUTHORS
1	G-55	Optimization of Process Parameters on TIG Welded AISI 409 Stainless Steel	G.Senthilkumar, V.Thamizh Nilavan, L.Hariharan, M.Kesavan, P.Pozhilan
2	G-65	Investigation of Drilling-Induced Delamination in Carbon/Glass Hybrid Composite Laminates Using Taguchi Experimental Design	L. Karthikeyan, R. Murugan,
3	G-67	Synthesis and Mechanical Characterization of Aluminium 6061–Graphite Composites via Stir Casting	Louies Praveen S, Senthil Kumar P, Saravanan R , V.J.Bharaneedharan, Niwin Solomon W
4	G-68	Analysis of performance and emission characteristics of biodiesel using cotton seed oil with cerium oxide nanoparticles	K.Thiruselvam, Rishit Bhuvan B M, Rajasekar D, Vishwa K, Santhosh Kumar M
5	G-69	Digital Twin Assisted Monitoring and Optimization of Fused Deposition Modeling (FDM) Additive Manufacturing Process	Sujith E, Devadharshan S, Ramkumar S, Ashok Kumar K, Sakthi Kumar P, Puviyarasan M
6	G-70	Data-Driven Online Prognostics for Machine Health Monitoring in Digital Manufacturing	Avinash, Raghavendra, Blesswin, Raja Karthikeyan K, Puviyarasan M, Karthikeyan L
7	G-79	Portable Air Filtration and Pollution Control Unit for Urban Environments	K.R.Padmavathi, Michael Megus M, Prathish B, Siraan Abdul Razack S,



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S.NO	PAPER ID	PAPER TITLE	NAME OF THE AUTHORS
			Anbumani V, Angnilo Berlins K
8	G-35	Investigate The Quality of Surface Roughness Using Various 3d Printing Technologies	C. Karthikeyan, S. Dhanasekar
9	G-102	Design and Analysis of Hybrid Manufacturing of Go-Kart Tires	S.DhanaSekar , Vikram R, Ilaiyarsan M, Sunil P, Santhosh Kumar P
10	G-437	Design and Structural Analysis of Tractor Rear Axle Using Finite Element Method	Antony Nixen Raj A Infant Aswanth J Lathishwaran M Manikandan K
11	G-415	A Critical Review on Mechanical Properties of Reinforced Polymer Composite Laminates made of Natural Fibers	Hariharan E, Sri Sathuguru Paramathma V, Umapathy V, Sakthivel P, Murugan R, Karthikeyan L
12	G-53	Study On Mechanical Behavior of Austempered Ductile Iron for a Coupler Head During Wedm	Sharun . V, Paul Theophilus Rajakumar . I, Amos Gamaleal David, Raja Karthikeyan I
13	G-429	A Critical Review on Free Vibrational Characteristics of Synthetic Fiber Reinforced Polymer Composite Laminates	Gokulraj V, Naveen Kumar D, Manoj Kumar M, Kathiravan N, Murugan R, Karthikeyan L
14	G-52	Performance Enhancement of Photovoltaic Thermal Collectors Using Obstacle-Based Heat Transfer Techniques: A Review	N. Poyyamozi, Akash R, Anand K, Gowtham B, Selvaguru J, Iyyan Paramanandam P



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External Session Chair: Mr. Jeri Prince L

Williams Lea(RRD) Manager Talent Acquisition - India
Diversity & Inclusion, Process Excellence, Chennai, Tamil Nadu, India.

Internal Session Chair: Dr. Chitra D, Professor, MBA.

Venue: MBA Smart Classroom

Day 1- 27/03/2026 (Friday)

Session I

Timing: 11.45 A.M To 03.00 P.M

S. No	Paper ID	Title of The Paper	Name of The Author
1.	G-117	Role of Auditor Independence In Ethical Financial Reporting	Ms. Ilakeya U, Mrs. Lakshmi B, Dr. Sofia Vincent J
2.	G-271	A Study on the Impact of Movies and Web series on Socio – Emotional Intelligence on Gen Z in Chennai	Jerita Esther J, Rajeswari E, Lavina P, Uma Mageswari S , Vishali V, Rithiga T
3.	G-287	The Influence of Artificial Intelligence-Based Personalization on Consumer Buying Behaviour in Online Retail Platform	Amuthuni S, Hemalatha M, Harini S, Hanshiga G V, Arthi M, Kishanthika K
4.	G-290	The Role of Employee Emotions in Building A Positive Workplace Culture	Mrs. Jayasree K, Veena Vathani R, Sanjana S, Ilakiya P K, Abinaya R, Janani S
5.	G-293	Effects of Social Media on Governance and Public Decision-Making in India	Dr. Sindhiya Rebecca A, Aishwarya V, Chitra Devi P, Dhanya A K, Hemapriya A S
6.	G-297	An Empirical Study on The Influence of Customer Feedback on Online Purchase Behavior in The FMCG Sector	Dr. Elaiyaraja A, Harini S, Harshini V, Harini S, Brindha M
7.	G-90	Process Optimization and Emission Control in LPG Pipeline Hot Flaring Operations Using Six Sigma Methodology	Dr. Venkateswaran N Dean and Professor
8.	G-144	An Empirical Study on Loan Portfolio in Financial Service Industry	Dr. Chitra D Professor



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9.	G-298	A Study on the Social Media Influencers on Gen Z Purchasing Behavior Pattern Towards Skin Care Products in Chennai City	Dr. Mickle Aancy H, Mirudula M, Pavithra J, Ranjana C, Vijayalakshmi K
10.	G-299	Trust In Trends : Understanding Genz's Reliance on Social Media Influencers	Dr. Satheesh Kumar S , Gayathri V, Gifta Getziah Y, Hemalatha H, Krithika S, Abinayaa R
11.	G-321	Impact of Gamification on Employee's Motivation Towards Engagement	Dr. Sofia Vincent J, Venassheni R, Ragavi D, Ramya S, Vidhya R, Tamil Selvi J
12.	G-379	The Rise of Social Commerce : A Comparative Analysis With Traditional E-Commerce Among Gen Z College Students	Mrs. Shireen Fathima S, Sivaram R, Sundar G, Sujith Kumar S, Santhosh Kumar S
13.	G-380	An Empirical Study of Budgetary Behaviour and Decision Making Logic Among The Next Generation Work Force	Dr. Elaiyaraja A, Sharan D, Yuvaraj M K, Navin Muthurajan Ayyasamy, Bharani Kumaran S, Sivaram R
14.	G-381	Financial Literacy And Financial Behaviour Among College Students : An Empirical Study	Mukesh G, Vignesh R, Praveenraj K, Naveen D, Sanjay N, Sivaram R
15.	G-382	A Study on Awareness About SDG Goals Among Gen Z	Mrs. Anisha J, Ponratchagan K, Prasanth K, Sakthivelan V, Sivaram R, Divakar S
16.	G-403	A Study on Consumer Perception and Purchasing Behavior About Consumer Trust in AI Generated Advertisement	Mrs. Jayasree K, Saravanan D, Santhosh Kumar S, Ramana Natrayan R N, Sujeesh T, Vijayaragavan G
17.	G-405	Impact of Meme Marketing on Brand Recall Among College Students in Chennai City	Mrs. Swetha V P, Yugaesh S, Manikandan S, Manikandan D, Jidesh J, Karthick S



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External Session Chair: Mrs. Gowthamapriya K
Techstar Group – Account Manager, Chennai, Tamil Nadu, India.

Internal Session Chair: Dr. Beulah Viji Christiana M, Professor, MBA.
Venue: MBA Smart Classroom

Day 2- 28/03/2026 (Saturday)

Session II

Timing: 9:00 A.M To 01.00 P.M

18.	G-304	A Study on The Relationship Between Consumer Buying Behaviour and Brand Preference	Mr. Sakthikumar S Mrs. Rajeswari V, Athira G, Bharathy S, Kaneshka A, Kavya S K
19.	G-308	Exploring How User Stickiness and Social Psychological Factors Stimulate (E-Wom) in Fintech Innovation	Mrs. Jayasree K, Harini J P, Jeevitha K, Jaishree R, Kanchana K
20.	G-309	Impact of AR and Live Shopping on Gen Z's Video-Based Commerce in Tamil Nadu	Sreebagya J, Ramya E, Thanisha Priyanka N V, Naveena R, Vaishnavi R
21.	G-317	Impact of AI on Recruitment Process in Chennai IT Sector Companies	Dr. Suresh Kumar K, Monisha D, Mounsudha M, Sakthi Poojitha M, Sumaya Farhein, Nithya Veni
22.	G-323	Viewer Attention and Distraction Behavior While Watching Movies : A Comparative Study of OTT and Theatre Audience	Dr. Suresh Kumar K, Ragamaliga J, Pooja K, Raksha R P, Rithika S, Sneha K
23.	G-326	A Study on The Impact of Discounts and Promotional Offers on Impulse Buying Behavior	Dr. Pradeep M, Mithra G, Tamilselvi J, Swathi S , Sandhiya L
24.	G-328	Attitude of Employees Towards Gender Equality in Educational Institutions	Jenitha G, Hemasri D, Anandhi A, Keerthivaheni S, Pavithra N, Christy Jasmine R
25.	G-71	An Empirical Study on The Effectiveness of Traditional and Online Learning Methods	Dr. Raman P Professor
26.	G-213	Post Interaction Communication and Niche Talent Retention: A Longitudinal Study	Dr. Beulah Viji Christiana M Professor



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27.	G-334	A Study on the Impact of Business Analytics on Improving Hiring Efficiency in IT Companies from a Candidate Perspective	Radhiga R, Archana R, Jaya Shree B, Bhavya G
28.	G-335	The Study on The Role of Venture Capital In Fostering Startup Development, Driving Innovation, and Enhancing Entrepreneurial Growth in Emerging Markets	Keerthana M, Karthika S, Janaki B, Varsha T R
29.	G-345	UPI Culture: How Digital Payments Influence Student Spending Behavior	Dr. Sofia Vincent J, Reshma Y, Bhargavi S, Kavidharshini K, Baby Raji Roslin A
30.	G-346	A Study on Occupational Health and Safety Practices	Akilan Ramaswamy , Rehoboth Jonathan, Micheal Varun, Anish Godshalom
31.	G-352	Role of Social Media in Shaping Beauty Perceptions and Consumer Behavior.	Dr. Shalini P, Prithusha P, Vaishnavi Venugopal, Lalitha M, Vennila R, Sowmya Singh S
32.	G-353	AI Based Learning Platforms And Their Influence on Student Satisfaction	Shailayaanee M, Vijaya Lakshmi G, Sanjusree J, Priya N, Yamuna M, Nila M
33.	G-356	How Firms Act As A Political Actors In Global Markets	Kola Nikitha, Abirami B, Kiruthika R T, Chandrakala B, Devadharshini K, Thanushri S V
34.	G-363	Students Perception of AI Integration In Higher Education	Dr. Shalini P, Roshini Reka C, Murugeswari M, Subiksha R, , Praveena S, Monika Swathy S
35.	G-480	Employee Engagement As A Strategic Driver of Organizational Result	Dr. Satheesh Kumar S, Beena Jemima R, Aparna H B, Ashika S, Asha K, Arundhathi R



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Day1-27/03/2026(Friday)

BATCH-1

Timing: 11.45 A.M to 2.30 P.M

CHAIR PERSON:

Venue: EEE SMART CLASS ROOM

ID	TITLE OF THE PAPER	NAME OF THE AUTHOR
G-110	PROACTIVE DISCIPLINE MONITORING SYSTEM	Krishna Kumar S Kaamalesh K Ajay Kumar S Gunasekaran G
G-116	AI-Based Condition Monitoring of Conveyor Belt Systems Using IoT, Machine Learning, and Deep Learning	RAMAPRABA P S SRIVATHSAN S SUDHARSHANA KANNAN P SIDDHARTHAN S
G-371	EcoSortNet: An Intelligent Multi-Stage Waste Segregation Framework Using Deep Learning and Robotic Manipulation	Lavanya Dhanesh Malini.A.G S.Divyadarshini S.Subhashini Pavitra.D Sivadarshini.V.R
G-425	Indoor Autonomous Car	Lalith Adithya S Madesh D Keerthivasan S G Muthumanogaran M
G-474	Development of Sensor for Detection of Microplastics	Abinesh R Akilan K, Durgesan E Gopinathan M
G-489	A Novel Adaptive Protection Scheme Using Federated Learning for Microgrids with Variable Renewable Penetration	Dr. S.Selvi B.Swetha M.K.Harini K.Durgasree S.S.Shona B.Yeshvetha
G-491	Explainable Artificial Intelligence (XAI) for Probabilistic Solar Power Forecasting: A Post-Hoc Interpretation Framework	Dr. S.Pushpa Lekha shree S Kayalvizhi N.B Rajarajeswari C Madhumitha L Monika I



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G-492	Physics-Informed Neural Networks (PINNs) for Hybrid Solar-Wind Power Forecasting with Uncertainty Quantification	Mrs.Vijaya Saraswathi R.J Sri Harini M Lakshaya S S Anna Sheeja Neeraja S Ranjana K
G-495	Grid Integration of Renewable Energy Sources: Challenges and Solutions	Mythili M S.Vimala Vasu Sheba Sharon Elakkiya C.M Lathika M Addinki Manju Sri
G-490	Wind Energy Forecasting Using Machine Learning Models	Kirthiga B J Harini G Gopika S SAmeenadevi V Sivadharshini V R Dr.S.Deepa
G-518	SecuraGuard: A Platform-Agnostic Offline Face Authentication Framework Leveraging HardwareAnchored PKI	Dr. N.KARTHIKEYAN SHANTHOSH K VASANTHA KUMAR P VISHAL G VELMURUGAN PJ YOGARAJI K



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Day2 -28/03/2026(Saturday)

BATCH-2

Timing: 8.30 A.M TO 12.45 P.M

CHAIR PERSON:

Dr P.Hari Rama krishnan

Dr.A.SIVAKUMAR

Professor /EEE

Professor/EEE

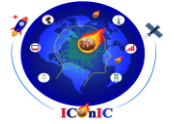
Panimalar Engineering College
Venue: EEE SMART CLASS

Panimalar Engineering College

ID	TITLE OF THE PAPER	NAME OF THE AUTHOR
G-501	Optimal Vehicle-to-Grid Scheduling Using Multi-Agent Reinforcement Learning with Uncertain EV Behavior	Mrs.G.Benedict Josly Priya S Dharshini B Deepika P Latha G
G-503	Digital Twin-Based Predictive Maintenance Framework for Grid-Connected Power Transformers Using Hybrid Deep Learning	Amudha Priya S Dhivya Shree S Sai Atchaya A Swetha K Subhashini S Kunguma Kanishka K
G-504	Digital Twin for Li-Ion Battery Health Management Using Physics-Informed Neural Networks	Dr. Shobana D Gaberiala S Keerthika A Khaviya A Akshayasri B Asha A
G-506	Deep Reinforcement Learning for Real-Time Voltage Control in Distribution Networks with High PV Penetration	S.Balaji Yukadharshini.S Annointing Mary.M Santhiya.T Amirtha.U Narmatha.A
G-509	Solar Powered Smart Mobile Charger	Amudhan S Stephen Raj A Vijayasathy G Srivathsan K R D Silas Stephen



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G-513	Resilience-Driven Optimal Scheduling of Mobile Energy Storage Systems Under Compound Weather-Triggered Contingencies	V.Taruneshwar S.Thirumoorthi M.Sanjay K.Vijayaprabhakaran K.Sakthivel
G-514	Meta-Learning for Few-Shot Fault Diagnosis in Power Transformers Across Different Manufacturers	B.KANDHAKUMAR SARAN AV NANDHA KUMAR.K YOGESH.J MOULIRAJ.T
G-516	Attention-Based Interpretability in Transformer Models for Solar Forecasting	D.INIYAVAN T.KISHORE S.HARINATHAN N.KAMESH N.S.ANISH Mrs.M.J.SUGANYA
G-518	Distributed Blockchain-Based Transactive Energy Framework for Peer-to-Peer Trading in Active Distribution Networks	Mrs.S.Lakshmi M.Naveenkumar TRK.Sreevarshan Jagadeesh.S Ammaiappan.K VasanthKumar.P
G-110	PROACTIVE DISCIPLINE MONITORING SYSTEM	Krishna Kumar S Kaamalesh K Ajay Kumar S Gunasekaran G Dr N Manojkumar, M.E, Ph.D.
G-116	AI-Based Condition Monitoring of Conveyor Belt Systems Using IoT, Machine Learning, and Deep Learning	RAMAPRABA P S SRIVATHSAN S SUDHARSHANA KANNAN P SIDDHARTHAN S
G-118	INTELLIGENT HOME ENERGY SYSTEM WITH AI ENERGY ASSISTANT	C.T. Manikandan R. Madhan kumar PL. Govardhan V. Govindan P.Aravind Tharun
G-66	Self-Balancing Electric Cycle Using Gyroscopic Stabilization and PID Control	Shreya M G.Merlin Suba Abinaya B Shamini S Mirudhula A