



PANIMALAR ENGINEERING COLLEGE
2026 INTERNATIONAL CONFERENCE ON
INTELLIGENT COMPUTING
(ICONIC)



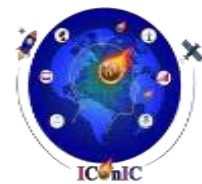
SCHEDULE

DATE : **28/03/26 (08.30 AM – 01.00 PM)** VENUE : **SYNERGY HALL, RESEARCH PARK**

SL NO	PAPER ID	TITLE & AUTHORS
1	1636	A Comprehensive Exploratory Data Analysis Framework for Global Covid-19 Snapshot Data <i>Revathi R, Rithika Sri Y, Nandhitha M, S. Malathi</i>
2	1599	Tourism-Led Growth and Regional Disparities: A Mediation Effect Analysis Based on Panel Data Modelling <i>Zhengxian Cui</i>
3	1596	Zero-Trust Data Access Control in Multi-Cloud Databases: A Dynamic Policy Enforcement Framework Based on Attribute and Risk Scoring <i>Lilong Qiao</i>
4	1522	Post-Deployment Performance Assessment of Machine Learning-Based Fraud Detection Models <i>Mr.Shivaraj D,Mr.Shankar Navneeth R R,Dr.Logeshwari Dhavamani</i>
5	1217	Beyond the Pixels: Deep Learning-Based Classification of AI-Generated Images <i>Dr. Jabasheela, Hariharan B, Gowtham K, and Kathireswver T</i>
6	1555	A Multi-Factor Biometric Document Authorization System <i>E Christopher Siddarth, Niroshini Infantia H, Rajesh U, Robin Nickson J</i>
7	1454	Integrate Augmented and Virtual Reality Settings for Digital Twins: Coordinated Representation and Management of Continuous Manufacturing Operations <i>Alok Jain,Padmavathi N, Ramesh BanothP. Yamini Devi Mohammad Kanan,B. Uma Rani</i>
8	673	Design and Implementation of a Low-Cost SEPIC-Based Cascaded DC-DC Converter For Renewable Energy Application <i>Vishalini R, Sindhumedha M, Sudhakar TD, Nishant S</i>
9	1480	Leverage Quantum Computing and Artificial Intelligence for Complex Problem Resolution: Innovative Optimization Framework <i>Amit Dutt, Rajini Parimala, Shobana D, J. Lethisia Nithiya, Hebatullah Awwad, Suresh Kumar Pithani</i>
10	1470	Multi-Scale Residual Dilated Temporal Convolutional Network (MRD-TCN) for Interaction-Aware Drug Recommendation in Breast Cancer <i>Charulatha.R.T, Aravind. T</i>
11	1554	Tamper-Proof Academic Credential Verification System Using Cloud-Based Ledger and DevOps <i>L. Arulmozhiselvan, Jeyaprakash M, Adhithyan S</i>
12	1609	Maize Leaf Disease Detection using Vision Transformer with Attention Mechanism <i>Selvam R, Dhanush M, Karthik Raja, Ajay S, Deepak Kumar K</i>
13	1494	Statistically Adaptive Smooth Heaviside Thresholding for Robust Signal Denoising <i>Laksheta D K, Mohanapriya P, S. Radhika</i>



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SCHEDULE

DATE : 28/03/26 (08.30 AM – 01.00 PM) VENUE : MILESTONE HALL,RESEARCH PARK

SL NO	PAPER ID	TITLE & AUTHORS
1	1408	Apply 5G Wireless with Cybersecurity: Protect Data with a Secure Wireless Network <i>Gaurav Pushkarna , Bh.Prashanthi, Chithra A S, Samuthira Pandi V,Khaled Alqawasmi, A. Jaya Mabel Rani</i>
2	1415	Implement Edge and Cloud Computing for Distributed Healthcare Data Processing: Handling Medical Data in Real-Time <i>Ranjitha Devi T, K. Murugesan, Rajeev Sobti, Koliseti Giridhara Sravani,Mohammad Rasmi Al-Mousa</i>
3	1422	Exploit Blockchain Technology and Cybersecurity in Healthcare Records: Protect Patients'Private Information <i>AmandeepNagpal,P.Deepthi,,Sabitha.M,BhavaniGovarthanana,NidalYousef, Suresh Kumar Pithani</i>
4	1424	Create Resilient Edge-Cloud Computing Platforms with the Internet of Things for Disaster Management: Analyzing Sensor-Driven Emergency Data in Real-Time Scenarios <i>Ramesh Banoth,Sheik SaidhbiGaurav Pushkarna, J. ShakilaAhmad Abdelhafiz Ali SamhanChandra Doddapalli Ramachandra Reddy</i>
5	1483	Protect AI Model Implementation: Building Cyber-Resilient Threat Detection Systems with a Fusion of AI and Cybersecurity <i>Gaurav Pushkarna,Srilakshmi Aluri, M. Amutha,R. Deepa,Mahmoud Odeh,Naga Sekhar Madala</i>
6	1549	Novel Machine Learning and Quantum Computing for Audio Biometrics: Deep Audio Feature Analysis and Speech Patterns for Real-Time Authentication Systems <i>Dhanujasree R, L. Vinoth Kumar, A. Rajalingam, Lenin Anselm W. A., P. Lavanya, C. Anitha</i>
7	1514	Deep Learning Enhanced Key Generation Mechanism for Attribute-Based Encryption in Cloud Healthcare Security <i>Dr. D. Latha P. Karthik</i>
8	1515	Integrating Traditional Cultural Elements with Modern Design Sensibilities <i>Rupesh Anand Gajbhiye Debjani Mukherjee</i>
9	1500	AI-Enabled Smart Footwear For Women’s Safety With Iot-Based Emergency Alerts And Evidence Capture <i>M. Shobana, V. Harini, A. Lithishya, S. Dharshana</i>
10	1481	Novel Blockchain-Based Decentralized Image Processing Framework: Safe Data Exchange, Authentication, and Verification in Smart City Surveillance Applications <i>Navdeep Singh,J. Lakhmi Prasanna, V. Nehru ,Subhadra Perumalla,Khaled Alqawasmi,Khaled Alqawasmi</i>
11	1482	Big Data Analytics Proven Smarter with Quantum Computing: A Framework for Optimizing Data at Scale <i>Balpreet Singh, V. Manasa, S. Bhuvana P. Hanumantha Rao, Mohammad Kanan, Dhanalakshmi K</i>
12	1595	Detecting Regulatory Conflicts in Global AI Governance: A Knowledge Graph Approach to Mapping Legal Risks Across Jurisdictions <i>Li Hanbing</i>
13	1593	From Traditional to Digital: A Case Study on the Digital Transformation of Multi-Tier Automotive Parts Supply Chain Based on Cloud SCM Platform <i>Yan Dong, Song Jin</i>



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PECTEAM 2K23 – ICONIC



DATE: 28 /03/2026 (SATURDAY)

BATCH-I

Timing: 9.00 AM-12.45 PM

VENUE: CSE AV HALL (CSE BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
G-258	A Scalable Hybrid Modeling Framework for Air Quality Index Forecasting Using MultiSource Environmental	Neha P S, Ranithaa S J, Mrs.Jaichitra Vasudevan I
G-292	COUGH-NET – A real-time AI-based cough detection System	Dr.M.Sangeetha Niranjan.S Prabhu.D
G-305	Plant Disease Detection using Convolutional Neural Networks (Offline)	Murali S Navalarasu M
G-306	SMART GRID MANAGEMENT SYSTEM : DYNAMIC PRICING WITH INTERACTIVE SIMULATION	PRABAKARAN R, NANDHAKUMAR S
G-322	SmartSEO: AI-based Content Optimization and Keyword Suggestion System	Akshay G, Megeeswaran N
G-339	SMART RESUME ANALYZER	Nidhish Kumar R R, Praneeth S
G-362	Java Based Fake News Detector (Offline - Dataset)	Harish.k, jagapathy.k,Gokul.T, Gobishaanth.A
G-385	EcoRoute-A Smart Navigation System for Pollution-Aware Route Planning	Harini J, Gnansi V
G-11	Smart agriculture advisory system	Abirami S, Adithi Shree V
G-31	WATER POLLUTION ALERT SYSTEM	S. DHAKSHINA SHRI , DARSHINI B
G-36	Vision-Based Intelligent Waste Bin Monitoring and Overflow Detection Framework Using YOLOv8	Dhanushree S P , Akshya shree M
G-34	CuraTrace: A Verifiable Framework for Prescription-Controlled Medicine Dispensation and Counterfeit Detection	Akshaya R D, Akshaya R
G-566	AI BUDDY – AN INTERACTIVE AI LEARNING COMPANION FOR KIDS	Bharathi S , Dhanalakshmi P
G-192	UNLOCKING DIGITAL EVIDENCES UTILIZING AND SAVING WIZARD IN FORENSIC ANALYSIS	Dakshini kannan L, Aishwarya MS
G-135	Geo-Aware AI Chatbot for Providing State-Specific Legal Guidance	BATTALA SUMITHRA VAISHNAVI OGGU RAJITHA
G-390	Healthcare Prediction and Early Warning System for Public Health	Sanjana P Sharon Blessy E Ms.Suntheya A.K



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G-180	SMART AMBULANCE MANAGEMENT	M.Mancy,M.Madhumathi
G-103	Smart Water Quality Monitoring System Using IOT	Zaiba Fathima I, Sahana M
G-83	Phishing detection and prevention using machine learning	Sri ranjithkumar K Shathvaran S



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DATE: 28 /03/2026 (SATURDAY)
VENUE: CSE AV HALL (CSE BLOCK III)

BATCH-II

Timing: 11.45 AM-12.45 PM

ID	TITLE	NAME OF THE AUTHORS
G-593	Embedded system using smart agriculture using soil nutrient and moisture sensor	Vishal R, Rahul GS, Priyadarshan D, Praveen S P, Sachin Raj M, Praveen Kumar S
G-598	Smart anti-Sleep alert system for drivers using eye blink detection	R.M.VIJAY BALAJI
G-600	Smart IoT-Based Water Quality Monitoring System	Roopan Siva V S
G-185	DETECTION OF NEWS WHETHER IT'S FAKE OR NOT USING DATA ANALYTICS	VIGNESH KUMAR R, VIMALRAJ M, SATHIYA V, SUBEDHA V, SHARMILA S
G-73	TruthGuard:DeepFakeFace Detection Using Machine Learning	Swetha S,Swetha V,Dr.TAMILVIZHIT,Dr.SUBEDHA V,SHARMILA S,Dr.JABASHEELAL
G-56	AI-Powered Autofill Patient Discharge System	Vindhya S , Yamini P
G-96	AWARE DRIVE: A MULTIMODAL REAL-TIME DRIVER DROWSINESS DETECTION AND ALERT SYSTEM	Swetha S
G-168	PHISHING MAIL DETECTION	VIKRAMAN A VIJAYABHASKAR R
G-85	Chatbot For Mental Health Support Using AI	Thriloshan Karthikeyan Thayanidhi N
G-7	Breast Cancer Prediction And Dignosis Using Machine Learning	Varnilhaa Sree.R and Varsha.D
G-82	Biometrics of Hand Geometry	Shri Hari Sivakumar and Siddheshwar S
G-391	SPATIOTEMPORAL ANALYSIS OF SOCIAL MEDIA DATA FOR URBAN WATER ISSUES	Gobishaanth.A,Gokul.T, Harish.K,Jagapathy.K
G-421	Low-Cost Computer Vision-Based Waste and Overflow Detection System for Smart Sanitation Monitoring	Aaradhana G
G-358	CRIME PREDICTION	Thiyaneswar B, U Thiyaneswar, Uvabalaji K, Mr Dr A N Sasikumar, Mr Veeramanikandan
G-279	SHESHIELD - A MORAL TECH SOLUTION FOR WOMEN SAFETY	PAVITHRA E, RAMYA M



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G-98	Deep Learning-Based Yield Forecasting for Rice Varieties	Tanushri E & Thiruselvi Thirunavukkarasu
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DATE : 28 /03/2026(Saturday)

BATCH-1

Timing: 09.00 AM-12.30 PM

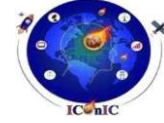
VENUE: IT SMART CLASS ROOM- II (IT BLOCK-II)

SN O.	ID	TITLE	NAME OF THE AUTHORS
1.	G-122	Ai-Based Classroom Eco-System For Enhanced Learning, Monitoring And Academic Integrity	Praveen K , Vishaal Jr
2.	G-484	Fake Food Review Detection System: A Machine Learning And Linguistic Rule-Based Approach	Dilip V, Dhanush A, Dinesh Kumar A, Deephan M, Cris Roger N, Dhanush M
3.	G-486	Smart Design Of Lightweight Vpn For Remote Education	Devakkumar S N, Dhibin B, Dhamodharun
4.	G-535	Geovalue Analyzer Using Machinelearning	Dravide Suyambu Raj J , Dinesh M , Evanesh R Adikesavan J Gokul T Gogula Narayanan Venkataramanan
5.	G-538	Next-Generation Bail Management Using Intelligent Automation And Secure Ledger Systems	Madhan, Nithin, Kishore, Linno Gladsmo, Mohammed Fazil, Kishore
6.	G-551	Bi-Directional Sign Language Translation Using Ai	Kevin I , Jegatheesh Mohamed Yasir M R , Karunyan K , Inbanesan V
7.	G-556	Greenwave: Iot-Enabled Emergency Vehicle Priority System	Jagan.S, Jaganarayan.N, Lokeshkumar.S, Madan.A, Mohanraj.M, Lithesh Kumar S.K
8.	G-558	AI-Based Criminal Face Recognition System	Kathiravan S Kesavan M Keshav Vamsi G
9.	G-588	Ai-Based Smart Crop Recommendation System With Real-Time Weather And	Arunkumar B Bharath Bharath Divraj M

		Market Analysis	Athish J S Agilesh S
10.	G-603	Real-Time Predictive Detection Of Dual Engine Failure In Commercial Aircraft Using Ai And Iot Sensor Analytics	Abibu Rahuman M , Ajay Raghavan D , Ashwin U , Balaji P , Balasubramanian G, Dharinish S.
11.	G-612	Iot-Enabled Smart Pildispenser With Real-Time Patient Monitoring And Caregiver Alerts	Manoj R, Karikalan K, Joy Shaju J, Katheesan J S, Sanjay A, Marvin Remiigius J
12.	G-613	Ai Based System For Detecting Cloned Plates And Unauthorized Vehicle Use	Mohamed Ali K , Magesh S, Midhun M Logesh V Mukesh A Kamalesh M P,
13.	G-631	Sizesync: Multi-Store Fashion Aggregator With Personalized Fitting	Jaya Prakash.G Gowtham.B Gokulnath Rao.H
14.	G-517	Brain analysis - Computer Interface	Sabarinath V, Nithish Kumar B
15.	G-608	Cyber Threat Detection Using Ai	R.Poovarasam , S.P.Dhilip Kumar , R.Prem Kumar , M.R.Nawfal Moideen, A.Perarasu, R.Nandhan
16.	G-547	FeelMeFlora : A Talk-Embedded Smart Plant Pot Using IoT Technology	Angelin A, Divya Dharshini D, Fastina S , Hemadershani H, Hemalatha K, Fathima Foumina M
17.	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



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DATE: 28 /03/2026 (SATURDAY)
PM VENUE: AV HALL 1 (AI&DS BLOCK 1)

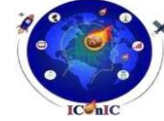
BATCH-III

Timing: : 9.00 AM-12.00

ID	TITLE	NAME OF THE AUTHORS
G-457	Cyber Astra: An Ai-Powered Cyber Defence Intelligence System	Meenakshi R
1583	A Context-Aware Multimodal Deep Learning Framework for Real-Time Surveillance and Automated Risk Evaluation	Pavithran M, Rukesh Kumar S, Shakthimurugan R, Selvam R, Sadhasivam M
G-462	Real-Time Explainable Digital Twins For Icu Patients With Xai-Driven Resource Orchestration	Devadharshini
959	GENI Mail AI: An Intelligent Email Management System	P. Lavanya D. Pavan N. Srikar Venkata Rao.Y Devender Nayak. N
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-482	Ai-Driven Predictive Smart Irrigation System With Water Optimization	R.Deepak,Ganesh.S,Dhayanand.T,Durai Ram.S,Jayaprakash.S,Joe Prince.A
1360	onitoring and Performance Visualization of a Three- Phase Squirrel Cage Induction Motor	Divya P, Vishnu Priya M, W. Abitha Memala, meshbabu,G.T.Sundar rajan, C. Bhuvaneswari
G-314	Smart Air Pocket Detection System For Urban Floating	Renitta J,Reshma R,Rithanya S
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
955	KATHACONNECT	Bovani Anusha, Ayesha,Alaboina Saipriya,Podapati Asmitha,Nenavath Devender Nayak
790	Interpretable EEG-Based Cognitive Performance Classification Using SHAP-Enhanced Random Forest Modeling	sakkiammal A, Dr. George Fernandez I, Sumy Joseph,Shivani Kumari,Akshitha, Dhruthi V
383	Explainable Multimodal Deep Learning for Trustworthy Human–AI Collaboration	Manas Singha, Chandan Maji, Praveen Gopal Gaonkar, Rupam Bhagawati,
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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DATE :28 /04/2023 (SATURDAY)
PM VENUE: AV HALL I1 (AI&DS BLOCK 1)

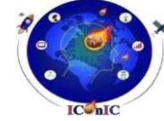
BATCH-IV

Timing: 9.00 AM-12.00

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.
1389	Real-Time Fault Detection and Localization in Edge Networks Using Efficient AI Models and Blockchain-Assisted Security	M. Rajesh , K.Vengatesan, Shilpa Mahalle, Neha Chopade,Vimala s
G-527	Detecting Deepfakes Using Artificial Intelligence	Aarthi , Akshaya G, Akshaya P S, Dhaarika Sri S, Husna Rubhavathy, Jannai A, Sandhya
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
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
583	A REAL-TIME EMOTION-TRIGGERED ALERT AND VOICE CALL-BASED INTERVENTION SYSTEM FOR MENTAL HEALTH SAFETY	Harshini R, Srinithi D, sankari D
G-560	Navi Ai - A Smart Indoor Navigation And Emergency Guidance System	Aryan A Sajith
962	Adaptive AI-Driven Business Analytic Platform	S.Manikanta,T.Anitha,E.Vardhan,S.Raj avardhan,Bapu sreenivas,N.Devender nayak
G-562	MULTILINGUAL FAKE NEWS DETECTION USING NLP	Jaikerthe V,Dharshini P,Charulatha RK,Humairaa Fathima K,Aishwarya
954	AI-Powered Virtual Fitness Assistant for Personalized Wellness Management	D.Rahul, M.Parimal, K.Nandha Kishore, D.Nithin Reddy, N.Devender Nayak
G-564	AI-Driven Neem Disease Detection System Using Cnn And Swin Transformer For Smart Agriculture	Sridharan S
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
G-386	Evaluating The Hidden Costs Security And Maintainability In Llm- Generated Code—A Controlled Experiment	Gurucharan G
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



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DATE :28 /04/2023 (SATURDAY)

BATCH-V

Timing: 9.00 AM-12.00

PM VENUE: OPSS LAB CC - 16 (AI&DS BLOCK 1)

ID	TITLE	NAME OF THE AUTHORS
1349	Q" a-t" m-Based Zcío-KaQ I-tí" sio- Kctctio- Usi-ig Q" a-t" m Icat" íc E-codi-ig a-d Vaiatio-al A" toc-codcí	Kíitkikaa Vc-íket VS, Vig-ícsk K" maí, Sama-ítka
1561	Pothole detection with location tracking	Sudarvizhi T, Amuthavarahi M, Jabashthiya D, saravanakumar M
G-553	Visual Episodic Recall Assistant (Vera)	Prathiksha J, Oviya M.V, Patibandla Siri Varshini, Roshini Priya R, Vijayashree K, Yashika Varshitha M.A
1101	M"ltimodal Ía-sroímcí-Based Aíckitct" íc roí EaílQ Kctctio- a-d S"í:ial Pídictio- i- Ca-íccí	na Pí"tk:i a-d Píar"l S a-d Vaía Píasad GK a-d Íejas G a-d Saqib Kka-í B
G-522	Autonoa: Where Geo-Fencing Meets Next-Gen Tracking	1. Divyadharshini A,2. Devadharshini Ma, 3. Bindu Sai A,4. Abirami G
1295	Deployment of AI Based Transformer Fault Detection System For Predictive Maintenance	Dr.D.N.S.Ravi Kumar, Krishnaa Jayan, Shanbhog Ravindra Nithya Sree
G-561	NeuroAssist	(Sirisha. A), (Sherin Sanchana Jenifer. J), (Sree Vaishnavi. R), (Sneha Latha. YS), (Sweety Saral. 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
G-33	Deep Learning Based Early Detection of Alzheimer's Disease Using MRI Images	Soumadip Mondal,Sweta Chopdar,Mithun Kumar, Vengatesan.K,Rupam Bhagawati,Dr. Samee Sayyad
1117	Deep Inspect AI: An Intelligent Machine Learning Framework for Automated Defect Detection in Smart Manufacturing Systems	HIN KATARIYA V , NARASIMHA , NIHAR JH , R MONISH BABU
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-452	Ai Network Traffic Anomaly Detection System	Monissha S,Kayalvizhi G,Mamtha R,Jeevadarshini L,Mukila S,Manoranjuna V
1388	Emotion-Aware AI for Next-Generation Human- Machine Interaction	Mary Angel M, BALAMMAL,A. Kistan,P Ramya,J. Stephan,
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
954	AI-Powered Virtual Fitness Assistant for Personalized Wellness Management	D.Rahul, M.Parimal, K.Nandha Kishore, D.Nithin Reddy, N.Devender Nayak



PANIMALAR ENGINEERING COLLEGE

9th International Conference for
Phoenixes on Emerging Current Trends in Engineering
and Management
PECTEAM-2K26



PECTEAM 2K26

DAY 2: 28/03/2026 (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-68	Analysis of performance and emission characteristics of biodiesel using cotton seed oil with cerium oxide nanoparticles	K.Thiruselvam, Rishit Bhuvanan B M, Rajasekar D, Vishwa K, Santhosh Kumar M
2	G-65	Investigation of Drilling-Induced Delamination in Carbon/Glass Hybrid Composite Laminates Using Taguchi Experimental Design	K.M. Keerthi Ramanaa, M. Kishore Kumaar, K. Pranav, R. Madhankumar, E. Rogitkumar, R. Murugan, L. Karthikeyan
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-55	Optimization of Process Parameters on TIG Welded AISI 409 Stainless Steel	G. Senthilkumar, V. Thamizh Nilavan, L. Hariharan, M. Kesavan, P. Pozhilan
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, Anbumani V, Angnilo Berlins K



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S.NO	PAPER ID	PAPER TITLE	NAME OF THE AUTHORS
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, Ilaiyaranan 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-576	Design and Analysis of Scissor Jack	Nithyanandan N, Shreyas S, Vishal K N, Sanjay S, Sudhakaran S.
14	G 601	Design and Analysis of High Precision Plasma Cutting System Using Magnetic Arc Control	Abdul Rawoof.H, Vinoth.K, Bhavanidharan.T, R. Saravanan L. Karthikeyan



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

Internal Session Chair: Dr. S.SatheeshKumar Associate 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