

Programme Schedule

Day 1: 04-04-2025 (Friday)

Timing	Session Details
9:30 AM–10:40 AM	<p>Inaugural Session – “The future is Now: Embracing the opportunities of the Golden Era”</p> <p>Speaker: Ms. Chitra Hariharan, Secretary – VLSI Society of India (VSI), Head – University Relations, Government Affairs & Startup Collaborations, Renesas Electronics, Bangalore</p> <p>Venue: Sarabai Kalam Theatre, Admin Building, Kumaraguru College of Technology, Coimbatore - 49</p>
10:40 AM – 11:00 AM	Tea Break
11:00 AM– 11:45 AM	<p>Keynote Session – “Lightweight 3D Mapping: UAV Navigation with Low-Cost 2D LiDAR and Vision Fusion”</p> <p>Speaker: Ir. Dr. Phang Swee King, Senior lecturer, School of Engineering, Faculty of Innovation & Technology, Taylor's University Malaysia</p> <p>Venue: Sarabai Kalam Theatre, Admin Building, Kumaraguru College of Technology, Coimbatore - 49</p>
11:45 AM– 12:30 PM	<p>Keynote Session – “AI-Driven Cardiac Digital Twins: Revolutionizing Early Detection of Heart Failure Through Quantitative MRI Biomarkers”</p> <p>Speaker: Dr. Miko Chang May Lee, Senior Lecturer, Faculty of Engineering, Computing and Science, Swinburne University of Technology, Sarawak Campus, Malaysia</p> <p>Venue: Sarabai Kalam Theatre, Admin Building, Kumaraguru College of Technology, Coimbatore-49</p>
12:30 PM – 1:20 PM	Lunch Break
1:20 PM – 4:30 PM	Paper Presentation (AN Session)

Programme Schedule

Day 2: 05-04-2025 (Saturday)

Timing	Session Details
10:00 AM – 12:40 PM	Paper Presentation (FN Session)
12:40 PM – 1:30 PM	Lunch Break
11:00 AM– 1:00 PM 2:00 PM– 4:30 PM	Workshop – “Robotics Essentials: From Fundamentals to Hands-On Data Filtering” Resource Person: Ir. Dr. Phang Swee King, Senior lecturer, School of Engineering, Faculty of Innovation & Technology, Taylor's University Malaysia Venue: CAD Lab, D-Block, Kumaraguru College of Technology
1:30 PM – 4:30 PM	Paper Presentation (AN Session)

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN
Track: Power and Energy systems

Session Chair		Dr. S. Elangovan, Professor, Department of EEE, Jansons Institute of Technology, Coimbatore - 641659	
Session Co-Chair		Dr. P. S. Mayurappriyan, Professor, Department of EIE, Kumaraguru College of Technology, Coimbatore-641049	
Venue		Embedded System Lab, Department of EEE (B Block), Kumaraguru College of Technology, Coimbatore-641 049	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	53	Solar Panel Fault detection using Artificial Intelligence
2	10:10 AM – 10:20 AM	148	Hybrid Power System for DC Home Appliances
3	10:20 AM – 10:30 AM	152	Soft-starting of BLDC Motor using Model Predictive Control for Lightweight Electric Vehicles
4	10:30 AM – 10:40 AM	158	Harnessing Vertical Axis Wind Energy for Highway Lighting with Second-life battery storage and Energy Forecasting
5	10:40 AM – 10:50 AM	168	Real-Time Monitoring Wearable for Coal Mine Safety with Enhanced Communication.
6	10:50 AM – 11:00 AM	171	An Optimal SG-MFO Based Renewable Energy Source Power Quality Improvement Using UPQC in DPFC System
11:00 AM –11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	174	Protection of Three Phase Induction Motor under Single Phasing Conditions in Three Phase Systems

**2025 International Conference on Advancements in Electrical
Electronics Communication Computing and Automation
(ICAECA) , Kumaraguru College of Technology,
Coimbatore – 641049, Tamil Nadu, India.**



8	11:20 AM – 11:30 AM	186	ML Based Fruit Health and Quality Analysis System
9	11:30 AM – 11:40 AM	259	Performance Analysis of PMDC motor for Electric Vehicle Applications
10	11:40 AM – 11:50 AM	319	Design a High-Frequency Dual Active Bridge Converter for Discrete Time Frequency
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN
Track: Power and Energy systems

Session Chair		Dr. S. Elangovan, Professor, Department of EEE, Jansons Institute of Technology, Coimbatore - 641659	
Session Co-Chair		Dr. T. Shanthi, Assistant Professor III, Department of EEE, Kumaraguru College of Technology, Coimbatore-641049	
Venue		Embedded System Lab, Department of EEE (B Block), Kumaraguru College of Technology, Coimbatore-641 049	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	362	Isolated DC Microgrid with Multiport Converter For EV Application
2	1:40 PM – 1:50 PM	806	SMC Controller for PV Powered EV Charging Station using Zeta Converter
3	1:50 PM – 2:00 PM	904	Analyzing Electrical Characteristics of Semiconductor Devices using Raspberry PI And Python
4	2:00 PM – 2:10 PM	973	Robust and Optimal Control of Quanser Aero
5	2:10 PM – 2:20 PM	999	Economic Load Dispatch of Renewable Energy Using Optimization Techniques
6	2:20 PM – 2:30 PM	1052	Renewable Energy Based Hybrid Multilevel Inverter and Safe EV Charging System using Isolated Flyback Converter
7	2:30 PM – 2:40 PM	1113	A PV-Wind based EV Charging Station under Dynamic Weather Conditions

8	2:40 PM – 2:50 PM	1264	Improving the Efficiency of Hybrid Power Systems by Adaptive DVR Based on FOPID Control Logic
2:50 PM – 3:00 PM		Tea Break	
9	3:00 PM – 3:10 PM	1490	Comparative Study of Battery Fault Detection using Machine Learning Algorithm
10	3:10 PM – 3:20 PM	143	Graph Neural Networks for Functional Connectivity Analysis: Uncovering Neural Network Disruptions in Parkinson's Disease

Paper-Presentation Schedule

Day 1: 04-04-2025 (Friday) – AN

Track: Embedded and Communication systems

Session Chair		Dr.D.Mohana Geetha Professor, Department of ECE, Sri Krishna College of Engineering and Technology, Kuniamuthur, Coimbatore- 641008.	
Session Co-Chair		Dr.A.Amsaveni Professor, Department of ECE, Kumaraguru College of Technology, Coimbatore -641049.	
Venue		Conference Hall ,C Block, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049	
S.No	Timings	Paper ID	Paper Title
1	1:20 PM – 1:30 PM	870	A slotted circular patch antenna structure for wireless applications
2	1:30 PM – 1:40 PM	1400	Design of a four element microstrip patch antenna with improved bandwidth for medical applications
3	1:40 PM – 1:50 PM	1416	Design of Fractal Antenna for Wireless Applications
4	1:50 PM – 2:00 PM	1434	Design of X-band RADAR antenna for through-wall penetration
5	2:00 PM – 2:10 PM	1444	High Gain Filtering Antenna using Slot Loaded E Shaped Patch and Defective Ground Structure
6	2:10 PM – 2:20 PM	1446	Design of a modified U patch antenna for wireless communications
7	2:20 PM – 2:30 PM	1459	Design of defected ground structure patch antenna for multiband applications
8	2:30 PM – 2:40 PM	1473	Frequency reconfigurable antenna using advanced Materials: A Study
9	2:40 PM – 2:50 PM	1475	Parasitic Elements Loaded Pattern Reconfigurable Antenna for 5G Communications
2:50 PM – 3:00 PM		Tea Break	

10	3:00 PM – 3:10 PM	1476	Design of Circularly Polarized Antenna for Bio-Medical Applications: A Study
11	3:10 PM – 3:20 PM	1489	Design Of Quad-Band Bandpass Filter Using Modified Quarter Wavelength Resonator with Multiple Transmission Zeros
12	3:20 PM – 3:30 PM	1492	A Compact Dual Band Substrate Integrated Waveguide Filtering Antenna using Multi Slot and Defective Ground Structure
13	3:30 PM – 3:40 PM	1526	Wearable Antennas - A Mini Review
14	3:40 PM – 3:50 PM	1528	Antennas in Unmanned Aerial Vehicles – A Short Review

Paper-Presentation Schedule

Day 1: 04-04-2025 (Friday) – AN
Track: Embedded and Communication systems

Session Chair	Dr.R.Shanthakumari Associate Professor, Department of Information Technology Kongu Engineering College, Erode - 638502		
Session Co-Chair	Dr.B.Gopinath Associate Professor, Department of ECE, Kumaraguru College of Technology, Coimbatore-641049		
Venue	TI COE Lab C Block, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049		
S.No	Timings	Paper ID	Paper Title
1	1:20 PM – 1:30 PM	301	Predicting Flood Incidences in Kerala Using Machine Learning Models
2	1:30 PM – 1:40 PM	674	Explainable AI based Improved Intrusion Detection System in Wireless Sensor Networks
3	1:40 PM – 1:50 PM	867	Cluster Based Classification of NDVI to Assess the Temporal Trend of Vegetation In Pollachi Taluk, Tamil Nadu, India
4	1:50 PM – 2:00 PM	1151	Robust communication techniques for securing handheld radios
5	2:00 PM – 2:10 PM	1257	Sparrow Mapping using Hyperspectral Remote Sensing and Deep Learning
6	2:10 PM – 2:20 PM	1375	Voice Vision Glass: A Smart Assistive Eyewear for the Blind and Visually Impaired
7	2:20 PM – 2:30 PM	1377	Image and Audio Based Emotion Detection using Deep Learning
8	2:30 PM – 2:40 PM	1393	Enhancing Dog Breed Identification Accuracy using Hybrid Inception V3 and Xception Model
9	2:40 PM – 2:50 PM	1403	Blockchain and Sharding for Scalable Decentralized Virtual Network Function Management
2:50 PM – 3:00 PM		Tea Break	

10	3:00 PM – 3:10 PM	1421	Metamaterial Inspired Low Profile Antenna for Satellite Communication
11	3:10 PM – 3:20 PM	1502	Image Pixelization Using Image Processing Algorithms
12	3:20 PM – 3:30 PM	1531	Advanced Filtering Techniques for Enhanced Flood Mapping Using Multispectral Imaging
13	3:30 PM – 3:40 PM	1572	Design of a two element microstrip antenna with improved bandwidth for medical applications
14	3:40 PM – 3:50 PM	1593	Integrated Predictive Maintenance and Performance Optimization of BLDC Motors Using GA, PSO, and LSTM on Temperature and Vibration Data Targeting Bearing Defects
15	3:50 PM – 4:00 PM	1470	Evaluating Next-Generation Open-Source Software-Defined Load Balancers and SSL Off loaders for Cloud-Native Applications

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN

Track: Embedded and Communication systems

Session Chair		Dr.P.Deepa, Associate Professor, Department of ECE, Government College of Technology, Thadagam Road, Coimbatore - 641 013.	
Session Co-Chair		Dr.K. Thilagavathi Assistant Professor III, Department of ECE, Kumaraguru College of Technology, Coimbatore - 641049	
Venue		Conference Hall C Block, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	6	Arduino based gaming glove using MPU6050 sensor
2	10:10 AM – 10:20 AM	267	Cattle Health and Gestation Monitoring System to Improve Dairy Production
3	10:20 AM – 10:30 AM	287	Smart Insulin Patch with AI Optimized Delivery
4	10:30 AM – 10:40 AM	302	SDR Based FMCW RADAR for Advanced Automotive Applications
5	10:40 AM – 10:50 AM	331	AI enhanced Autonomous Traffic Sign Recognition and Action System
6	10:50 AM – 11:00 AM	382	Diabetic Socks for Foot Ulcer Prediction and Monitoring
11:00 AM –11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	505	Smart water management system for rural and urban infrastructure using IOT
8	11:20 AM – 11:30 AM	1146	Adaptive Design and Implementation of Smart Irrigation System for Precision Agriculture: A Novel Approach
9	11:30 AM – 11:40 AM	1197	Design and Experimental Studies of RF Up/Down Conversion using GNU Radio and SDR

10	11:40 AM – 11:50 AM	1248	Computation of 5G communication using FFT based parallel processing technique
11	11:50 AM – 12:00 PM	1271	Scalable UART Verification using AHP VIP for Optimal Coverage
12	12:00 PM – 12:10 PM	1309	A Study on Low Power Latch Comparator with Self-Cascode Pre-Amplifier
13	12:10 PM – 12:20 PM	1505	A Novel Metasurface-Embedded Antenna for WBAN Communications
14	12:20 PM – 12:30 PM	1570	Performance Analysis of LDPC Codes and Polar Codes
12:40 PM- 1:30 PM		Lunch Break	

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN

Track: Embedded and Communication systems

Session Chair		Mr.S.Ganesh Prabhu, Engineer – Embedded Division, Caliber Interconnects. Pvt. Ltd., Coimbatore - 641034	
Session Co-Chair		Dr.S.Umamaheswari Associate Professor, Department of ECE, Kumaraguru College of Technology, Coimbatore -641049	
Venue		TI COE Lab C Block, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	291	Development of an Automated Dental Caries Detection System using Federated Learning in X-Ray Images with Data Security
2	10:10 AM – 10:20 AM	294	Secure Step: IoT-Enabled Anti-Theft Flooring Mat for Home Security
3	10:20 AM – 10:30 AM	388	Unraveling the mysteries of Brain Tumors: Harnessing Deep Learning for Detection and Classification
4	10:30 AM – 10:40 AM	392	Predicting Cardiovascular Disease Risk and Outcomes using a Graph Convolutional Network Algorithm
5	10:40 AM – 10:50 AM	1259	Automated Seizure Control Using RFID and Wearable Patch Injector System
6	10:50 AM – 11:00 AM	1297	Performance Optimization of Double-Tail Dynamic Controlled Comparator at 90 nm Technology
11:00 AM –11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	1300	Performance Analysis of a CSRR-Based Metamaterial for Multiband Antenna Applications
8	11:20 AM – 11:30 AM	1343	Towards Enhanced Deep Fake Detection: Integrating Vision Transformers and EfficientNet Deep Features

9	11:30 AM – 11:40 AM	1347	Grape Disease Detection using Drone Imaging and Deep Learning – A Pilot Study
10	11:40 AM – 11:50 AM	1349	Deep CNN for Voice Pathology Classification using Electroglottography
11	11:50 AM – 12:00 PM	1396	AI Driven railway crack detection system using Convolutional Neural Network and IoT
12	12:00 PM – 12:10 PM	1414	Automated Leaf Disease Identification and Pest Detection for Precision Farming – A Study
13	12:10 PM – 12:20 PM	1563	Advancements in Avalanche Beacon Technology and Novel Concepts for Miniaturization
14	12:20 PM – 12:30 PM	1591	Underwater Image Enhancement using GAN
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN

Track: : Embedded and Communication systems

Session Chair		Dr. P. Deepa, Associate Professor, Department of ECE, Government College of Technology, Thadagam Road, Coimbatore- 641 013.	
Session Co-Chair		Dr. K.Paramasivam, Professor, Department of EEE, Kumaraguru College of Technology, Coimbatore-641049	
Venue		Conference Room C Block, Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore-641049	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	220	Fusion of IoT and GPS Technologies for Enhancing Security of ATM Cash Refilling Van
2	1:40 PM – 1:50 PM	326	MediBot: IoT-Driven Healthcare for Remote Communities
3	1:50 PM – 2:00 PM	437	FPGA based power efficient ECG heartbeat detection system for wearable devices with enhanced noise filtering
4	2:00 PM – 2:10 PM	451	Exploring Deep Learning Methods for Accurate Bridge Crack Detection: A Comparative Study
5	2:10 PM – 2:20 PM	463	Power Optimization of FPGAs Used in Autonomous Vehicles
6	2:20 PM – 2:30 PM	843	Design and analysis of high- performance 16-bit hybrid adder using KSA & HCA adder with domino logic
7	2:30 PM – 2:40 PM	1267	Ensuring drug safety and exposing counterfeit drugs using blockchain and edge computing
8	2:40 PM – 2:50 PM	1348	Voice Pathology Detection using Machine Learning and Electroglottography signals
2:50 PM – 3:00 PM		Tea Break	

9	3:00 PM – 3:10 PM	1353	A study on Ring Amplifier for Medical Imaging Applications using Anti Series Diode
10	3:10 PM – 3:20 PM	1362	ECRL-based adiabatic logic design for the logic unit of an ALU in medical applications using 45nM CMOS technology
11	3:20 PM – 3:30 PM	1373	Assistive Technologies for Blind and Visually Impaired Individuals – A Short Review
12	3:30 PM – 3:40 PM	1406	Design of barrel shift registers with enhanced performance analysis for modern processors
13	3:40 PM – 3:50 PM	1520	Cutting Edge design of High Performance Dadda Multiplier for Fast Arithmetic Operations

Paper-Presentation Schedule

Day 1: 04-04-2025 (Friday) – AN

Track: Innovation and Automation in Engineering

Session Chair		Dr. A. Saravanan Associate Professor, Department of Computing (Software Systems), Coimbatore Institute of Technology, Coimbatore 641014	
Session Co-Chair		Dr. J. Boobalan Assistant Professor II Department of Electronics and Communication Engineering Kumaraguru College of Technology	
Venue		Conference hall – E&I, D – Block (Second Floor), Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	1:20 PM – 1:30 PM	21	Smart Attendance System Using Bluetooth Beacon with Biometric Verification
2	1:30 PM – 1:40 PM	54	Automated System for Infant Sleep Pattern Analysis and Monitoring
3	1:40 PM – 1:50 PM	109	Artificial Intelligence Based Smart Water Quality Monitoring System with Electrocoagulation Technique
4	1:50 PM – 2:00 PM	149	Smart RO with AI monitoring system
5	2:00 PM – 2:10 PM	173	Deep Learning Advancing Image Classification - Neural Network Design and Performance Analysis
6	2:10 PM – 2:20 PM	175	Real Time Speech Emotion Recognition for Mental Health Monitoring System
7	2:20 PM – 2:30 PM	176	Design and Simulation of an Autonomous Docking System using Wireless Charging Method in Multirotor
8	2:30 PM – 2:40 PM	188	DistilBERT News Article Classification: Overcoming Data Challenges and Improving Deep Learning
9	2:40 PM – 2:50 PM	242	Algae Based Air Purifier
2:50 PM – 3:00 PM		Tea Break	

10	3:00 PM – 3:10 PM	269	Smart Helmet for Mining Workers using IoT with LoRaWAN based Communication Technology
11	3:10 PM – 3:20 PM	281	Design and Hardware Implementation of Dynamic Coil Alignment in Static Wireless EV Charging
12	3:20 PM – 3:30 PM	283	IoT Enabled Dynamic speed Control of Electric Vehicle Based on Vehicle Loan Status
13	3:30 PM – 3:40 PM	306	Autonomous Industrial Robots
14	3:40 PM – 3:50 PM	318	Solar-Powered Smart Wheelchair with Voice Controller for Physically Challenged People

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN

Track: Innovation and Automation in Engineering

Session Chair		Dr. A. S. Wincy Pon Annal Associate Professor Department of Electronics and Instrumentation Engineering Government College of Technology, Coimbatore	
Session Co-Chair		Dr. J. Darshankumar Assistant Professor III Aeronautical Engineering Kumaraguru College of Technology	
Venue		Conference hall – E&I, D – Block (Second Floor), Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	334	Automated Garbage Waste Management using Deep Learning for sustainability
2	10:10 AM – 10:20 AM	439	Floating Algae Harvester
3	10:20 AM – 10:30 AM	464	Q-Learning based intelligent level controller for Spherical tank system
4	10:30 AM – 10:40 AM	476	Climate Change Prediction Using Cloud Computing
5	10:40 AM – 10:50 AM	654	Touch Panel-Based Industrial Device Management System for Persons with Disabilities
6	10:50 AM – 11:00 AM	871	Design and Implementation of Eco - Lift Automation
11:00 AM – 11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	877	Design and Fabrication of Multirotor UAV for Medical Applications
8	11:20 AM – 11:30 AM	988	Edge Computing for Real- Time Decision-Making in Industrial Automation Systems

9	11:30 AM – 11:40 AM	990	Interactive Augmented Reality System for Real-Time Pre-Car Inspection and Maintenance Assistance
10	11:40 AM – 11:50 AM	992	Design and Development of Data Acquisition System for a FSAE car
11	11:50 AM – 12:00 PM	994	Android Health Monitoring and Dietary Guidance for Smartwatch
12	12:00 PM – 12:10 PM	995	Revolutionizing Agriculture: A Comprehensive Review of Machine Learning for Sustainable Farming
13	12:10 PM – 12:20 PM	998	IoT based automation system for household appliances
14	12:20 PM – 12:30 PM	1073	Advanced Aqua Source Electric Oil Skimmer with Oxygenation and pH monitoring
15	12:30 PM – 12:40 PM	1246	Design and Implementation of SCARA-Based Electronics Assembly Solution
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN

Track: Innovation and Automation in Engineering

Session Chair		Dr. A. S. Wincy Pon Annal Associate Professor Department of Electronics and Instrumentation Engineering Government College of Technology, Coimbatore	
Session Co-Chair		Dr. J. Darshankumar Assistant Professor III Aeronautical Engineering Kumaraguru College of Technology	
Venue		Conference hall – E&I, D – Block (Second Floor), Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	1415	Investigations on Analog Circuits using Optimization Algorithms
2	1:40 PM – 1:50 PM	1427	Simplifying Techniques for Speech Therapy with Cutting-Edge Application
3	1:50 PM – 2:00 PM	1428	Integrated Wearable System for Enhanced Soldier Health Monitoring and Battlefield Awareness
4	2:00 PM – 2:10 PM	1431	Integrated Real-Time Monitoring for Soldier Health and Operational Efficiency: A Multi-Metric Approach
5	2:10 PM – 2:20 PM	1435	Integrating Lora and Image Processing for Enhanced Military Surveillance and Situational Awareness
6	2:20 PM – 2:30 PM	1471	Home Safety System with Earthquake and Fire Detection
7	2:30 PM – 2:40 PM	1485	Indoor Navigation for KCT using AR
8	2:40 PM – 2:50 PM	1120	AI based Energy Optimization and Analysis of Textile Mill Through Energy Audit
2:50 PM – 3:00 PM		Tea Break	

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN
Track: AI and Data Science

Session Chair		Dr. Jai Singh W Professor and Head, School of Information Science Presidency University, Bangalore, Karnataka.	
Session Co-Chair		Mr. K. Manoj Assistant Professor I Department of Computer Science and Engineering Kumaraguru College of Technology, Coimbatore	
Venue		AD208 , Admin Block, MVB, Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	18	Towards Intelligent Healthcare: The Convergence of Deep Learning and Cyber-Physical Systems Enhancing Medical Image Diagnostics
2	10:10 AM – 10:20 AM	25	Leveraging Hybrid CNN Architecture for Accurate Detection of Lung Diseases
3	10:20 AM – 10:30 AM	76	Towards Accurate Diabetes Prediction: A Synergistic Approach Using Adaptive Deep Learning Techniques
4	10:30 AM – 10:40 AM	124	AI-Powered Multilingual Healthcare Assistant: Voice and Text-Enabled Medical Chatbot
5	10:40 AM – 10:50 AM	525	Advanced Lung Region Analysis and Anomaly Detection in CXR Images Using Optimized VGG-16 Structure
6	10:50 AM – 11:00 AM	648	Enhanced Brain Tumor Detection and Segmentation Using SVM and DS
11:00 AM – 11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	687	Transforming Diabetes Management Through LSTM Models, OCR, and AI Chatbot
8	11:20 AM – 11:30 AM	825	MR Image-Based Self-Supervised Learning for Knee Injury Classification

9	11:30 AM – 11:40 AM	856	Deep Learning-Based Microscopic Blood Cell Classification for Cancer Detection
10	11:40 AM – 11:50 AM	888	EEG-Driven Emotion Recognition Using an Enhanced CNN Model
11	11:50 AM – 12:00 PM	900	Efficient Classification of Abdomen Trauma Disease Using Neural Network Technique with EfficientNet Model
12	12:00 PM – 12:10 PM	914	Automated Medical Report Generation Using Deep Learning and Attention Mechanism
13	12:10 PM – 12:20 PM	957	Inner Vista - Mental Health Chatbot
14	12:20 PM – 12:30 PM	962	Boosting Multi-Cancer Classification: A Deep Dive into VGG and EfficientNet
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN
Track: AI and Data Science

Session Chair		Dr. Jai Singh W Professor and Head, School of Information Science Presidency University, Bangalore, Karnataka.	
Session Co-Chair		Dr.Chandrakala Professor Department of Artificial Intelligence and Data Science Kumaraguru College of Technology,Coimbatore	
Venue		AD208, Admin Block, MVB, Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	1027	IoT and Machine Learning-Powered Framework for Enhanced Alzheimer's Disease Care and Risk Management
2	1:40 PM – 1:50 PM	1028	Smart Glove for ENT Treatment
3	1:50 PM – 2:00 PM	1038	Glaucoma Detection using Golden Jackal Optimization based MobileNet Dual Attention Classification
4	2:00 PM – 2:10 PM	1090	Leveraging Cloud-Based Deep Learning for Cardiovascular Diseases Prediction: Challenges and Solutions
5	2:10 PM – 2:20 PM	1143	LoG Feature Extraction and Supervised SVM Classification for Accurate Lung Malignancy Detection and Classification in CT Scans
6	2:20 PM – 2:30 PM	1256	Cloud-Based Deep Learning for Pneumonia Detection: A Comprehensive Overview
7	2:30 PM – 2:40 PM	1346	Remote Patient Monitoring System for Post-Surgical Care (CABG – Cardiac Artery Bypass Graft Surgery)
8	2:40 PM – 2:50 PM	1352	Deep Learning Techniques to Analyze Chest X-Ray and Providing Accurate Predictions Regarding the Presence of Lung Disease
2:50 PM – 3:00 PM		Tea Break	
9	3:00 PM – 3:10 PM	1504	Medical Assistance System Using Large Language Model and Medical Data Management

10	3:10 PM – 3:20 PM	1538	Evaluation of Deep Learning Architectures for Classification in CXR Images
11	3:20 PM – 3:30 PM	1540	Anesthesia Level Prediction Using ML
12	3:30 PM – 3:40 PM	1562	Major Depressive Disorder Detection using Dung Beetle Optimization based QGNN Classification
13	3:40 PM – 3:50 PM	1596	AI Powered Monitoring and Risk Prediction for Maternal Health to Ensure Fetal Well-Being
14	3:50 PM – 4:00 PM	1597	Recommendation of Specialist on Clinical Reports Using Machine Learning

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN
Track: AI and Data Science

Session Chair		Dr.Priya L Department of Information Technology Bannari Amman Institute of Technology Sathyamanagalam, Erode	
Session Co-Chair		Dr.Vivek Anand Assistant Professor II Department of Computer Science and Engineering Kumaraguru College of Technology,Coimbatore	
Venue		AD210B , Admin Block, MVB, Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	208	NEXUSFLOW: A Unified Platform for Streamlined Intercollegiate Event Coordinator
2	10:10 AM – 10:20 AM	543	SMART AI-Based Attendance Monitoring System Using YOLOv8
3	10:20 AM – 10:30 AM	776	AI-Based Mock Interview Application
4	10:30 AM – 10:40 AM	1392	Predicting Student Attention and Engagement through Eye-Tracking Using Machine Learning
5	10:40 AM – 10:50 AM	26	Formula One: Racing Intelligence in the Age of AI
6	10:50 AM – 11:00 AM	1600	Enhancing Silent Speech Decoding Using AI for Assistive Communication Technologies
11:00 AM – 11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	253	Enhancing Accessibility: An AI-Powered OCR System for Real-Time Text and Object Recognition to Assist Visually Impaired Users
8	11:20 AM – 11:30 AM	1550	Enhanced CNN Model Integrated with Generative AI For Real-Time Pest and Disease Detection in Rice Farming

9	11:30 AM – 11:40 AM	736	An IoT-Based Smart System for Crop Management by Dynamic Irrigation System Using AI
10	11:40 AM – 11:50 AM	891	Design, Analysis, and Development of Fruit Disease Detection and Diagnosis Using Hybrid Machine Learning and Deep Learning
11	11:50 AM – 12:00 PM	1566	Optimized UAV Trajectory Planning for Precision Agriculture Using Wireless Sensor Networks
12	12:00 PM – 12:10 PM	1581	Forest Fire Detection Using YOLOv8 in Drone Images
13	12:10 PM – 12:20 PM	1331	AI-Driven Wildlife Detection and Management System for Agricultural Protection
14	12:20 PM – 12:30 PM	963	Tomato Plant Disease Classification with Pesticide Suggestion Using YOLOv8 Algorithm
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN
Track: AI and Data Science

Session Chair		Dr.Priya L Department of Information Technology Bannari Amman Institute of Technology Sathyamanagalam, Erode	
Session Co-Chair		Dr.P.Shenbagam Assistant Professor III, Department of Artificial Intelligence and Data Science Kumaraguru College of Technology,Coimbatore	
Venue		AD210B, Admin Block, MVB, Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	122	Web-Based Wine Quality Prediction Using Explainable AI
2	1:40 PM – 1:50 PM	1048	Enhanced Patent Classification using Natural Language Processing
3	1:50 PM – 2:00 PM	1215	AI-Integrated Web Complaint Management System with Risk Analysis and Geolocation
4	2:00 PM – 2:10 PM	1371	Emotion Sync: AI-Driven Emotion-Aware Recommendation System for Smart Task Prioritization & Well-Being Productivity
5	2:10 PM – 2:20 PM	1595	Political Sentiment Analysis on Twitter Using Deep Learning and LLM Models
6	2:20 PM – 2:30 PM	1602	Tamil Text Summarization using Graph Convolutional Networks and Google's MT5 Transformer
7	2:30 PM – 2:40 PM	1449	GenAI-powered Itinerary Planner
8	2:40 PM – 2:50 PM	1511	Artificial Intelligence Powered Badminton Posture Correction System
2:50 PM – 3:00 PM		Tea Break	

9	3:00 PM – 3:10 PM	1577	Customer Technology Adoption of P2p Lending Platforms in India: A Comprehensive Study Using the Extended Technology Model (E-Tam) – An Empirical Study Using Machine Learning
10	3:10 PM – 3:20 PM	1578	Buy Now, Pay Later (BNPL) and Generation Z: A Machine Learning Approach to Spending Behaviour and Financial Well-Being
11	3:20 PM – 3:30 PM	1269	Ensemble CNN Architecture with Multi-Modal Disease Detection for Sustainable Banana Crop Management
12	3:30 PM – 3:40 PM	1273	Proposed Hybrid AI-Driven Framework for Stock Market Prediction

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN
Track: AI and Data Science

Session Chair		Dr.Kanimuthu Karpagam College of Engineering, Department of Information Technology, Coimbatore	
Session Co-Chair		Dr.P.C.Thirumal Associate Professor Department of Information Technology Kumaraguru College of Technology, Coimbatore	
Venue		AD211, Admin Block, MVB, Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	324	Flexible Multi-Modality Deepfake Identification with Dynamic Learning and Cross-Modality Inconsistency
2	10:10 AM – 10:20 AM	549	AI-Enhanced Predictive Analytics for Fraud Detection in Smart Grid Systems
3	10:20 AM – 10:30 AM	691	Real-Time Cyberbullying Detection Across Multimodal Platforms Using XLNet and Deep CNN
4	10:30 AM – 10:40 AM	928	Cognitive Flux Detection and Adaptive Emotional Modulation
5	10:40 AM – 10:50 AM	1222	Securing Sensitive Data in Cloud-Based Applications Using Enhanced Access Control Mechanisms and Blockchain
6	10:50 AM – 11:00 AM	1385	Enhancing Cyber Security Through Intrusion Monitoring Using Deep Learning
11:00 AM – 11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	1436	AI-powered Load Balancer in Cloud Computing
8	11:20 AM – 11:30 AM	1545	DQN-Based Crypto Trading: A Hybrid Approach to Market-Aware Buy-Hold Decisions and Profit-Driven Selling

9	11:30 AM – 11:40 AM	1598	Enhanced Image Steganography Using Neural Style Transfer
10	11:40 AM – 11:50 AM	1603	Generative AI in Autonomous UAV Systems: Revolutionizing Surveillance and Rescue Missions
11	11:50 AM – 12:00 PM	66	Deforestation Detection based on Swin Transformer and U-Net Architecture in Satellite Images
12	12:00 PM – 12:10 PM	85	Behavioral and Hybrid Anomaly Detection Techniques for Enhanced Fraud Prevention in E-Commerce Transactions
13	12.10 PM- 12.20 PM	332	Hybrid Quantum Model for Digital Media Processing for Metal Surface Defect
14	12.20 PM- 12.30 PM	367	Centralised Platform for Career Growth Community
12:30 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN
Track: AI and Data Science

Session Chair		Dr.Kanimuthu Karpagam College of Engineering, Department of Information Technology, Coimbatore	
Session Co-Chair		Ms.Preethi Assistant Professor Department of Artificial Intelligence and Data Science Kumaraguru College of Technology, Coimbatore	
Venue		AD211, Admin Block, MVB, Kumaraguru College of Technology	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	178	Emerging Trends and Analytical Perspectives in the Development of New Smartphones
2	1:40 PM – 1:50 PM	735	Campus Placement Analysis: Predictive Insights with Machine Learning Models
3	1:50 PM – 2:00 PM	981	Developing Audio Narratives from Visual Images for the Visually Challenged
4	2:00 PM – 2:10 PM	1255	Enhancing Remote Sensing Image Classification with DWT and CSG-CAM for Visual Explanations
5	2:10 PM – 2:20 PM	1190	Privacy-Preserving Sequential Recommendation: Enhancing User Privacy with Differentially Private RNNs, GRUs, and Transformers
6	2:20 PM – 2:30 PM	1080	Enhancing Reading and Learning for Dyslexic Children with AR and VR
7	2:30 PM – 2:40 PM	1288	Enhanced Document Clustering Through Combined Latent Dirichlet Allocation and Fuzzy C-Means
8	2:40 PM – 2:50 PM	1579	Evaluating Channel and Appeal Effectiveness to Optimize Digital Campaigns in Fashion Marketing
2:50 PM – 3:00 PM		Tea Break	

9	3:00 PM – 3:10 PM	1601	Recommendation System for Personalized Customer Engagement Using ResNet
10	3:10 PM – 3:20 PM	778	Performance Analysis of License Plate Detection and Recognition Using YOLO and OCR
11	3:20 PM – 3:30 PM	916	Efficient Method for Product Cost Estimation Using Artificial Intelligence Techniques
12	3.40 PM- 4.00 PM	1501	Constraint-Satisfied Randomized Seating Algorithm for Efficient and Fair Examination Seat Allocation

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN
Track: Cyber Security and Internet of Things

Session Chair		Dr.R. Nedunchezian Professor Department of Computer Science and Engineering Coimbatore Institute of Technology, Coimbatore.	
Session Co-Chair		Dr.A.Roshini Assistant Professor-III Department of Computer Science and Engineering Kumaraguru College of Technology, Coimbatore	
Venue		A. Muse Thought Lab (MGCL) Admin Block 1 st Floor. Kumaraguru College of Technology, Coimbatore	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	55	A Hybrid Machine Learning Approach for Securing Emails: Phishing Detection and Prevention
2	10:10 AM – 10:20 AM	78	A Dynamic Anomaly Detection Framework for Malicious URL Identification
3	10:20 AM – 10:30 AM	79	Enhanced Graph based Approach to detect Malicious URL
4	10:30 AM – 10:40 AM	295	Automated Web Application Vulnerability Reporting System with Slack Integration
5	10:40 AM – 10:50 AM	546	Comparative Analysis of Advanced Blockchain Authentication Model for Loan and Tender Sanctioning
6	10:50 AM – 11:00 AM	829	AI Driven Exploit Mitigation for Zero Day Vulnerability using SVM and autoencoder
11:00 AM – 11:10 AM		Tea Break	

7	11:10 AM – 11:20 AM	860	A Highly Secured Web Application for Encrypting Decrypting Documents Using ECC and AES Algorithm
8	11:20 AM – 11:30 AM	1024	Implementation of Key Cloud Secure Access for Residential Buildings
9	11:30 AM – 11:40 AM	1114	Detection And Tracking of Drug Trafficking in Encrypted Social Media
10	11:40 AM – 11:50 AM	1129	Smart Women's Safety Bangle: Innovative Wearable Technology for Real-Time Personal Security
11	11:50 AM – 12:00 PM	1167	Smart phishing detection system: Using Machine Learning Model Integrated with Virustotal API.
12	12:00 PM – 12:10 PM	1180	User Centric Mobile Application Development Platform
13	12:10 PM – 12:20 PM	1324	Leveraging Fine-Tuned LightGBM for Advanced AI-Driven Android Malware Detection
14	12:20 PM – 12:30 PM	1523	Intrusion Detection System for Healthcare Environment
15	12:30 PM – 12:40 PM	1558	An Efficient Penetration testing framework for Web Applications
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN
Track: Cyber Security and Internet of Things

Session Chair		Dr.R. Nedunchezian Professor Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore.		
Session Co-Chair		Dr.N.Jeba Assistant Processor-II Department of Computer Science and Engineering, Kumaraguru College of Technology, Coimbatore		
Venue		A. Muse Thought Lab (MGCL) Admin Block 1 st Floor. Kumaraguru College of Technology, Coimbatore		
S.No	Timings	Paper ID	Paper Title	Authors
1	1:30 PM – 1:40 PM	35	Dynamic Optimization in AI-Powered Traffic Prediction Models for Smart Cities	
2	1:40 PM – 1:50 PM	408	Battery Monitoring System with IoT Integration	
3	1:50 PM – 2:00 PM	696	IoT-Enabled Piezoelectric Energy Harvesting System for Mobile Charging with DC-DC Power Regulation and Supercapacitor Storage	
4	2:00 PM – 2:10 PM	861	SAFEROUTE - Enhancing Road Safety with I2V Communication With LORA & IoT Technology	
5	2:10 PM – 2:20 PM	948	IoT-Based LoRa-Enabled Safety Monitoring System for Coal Mining Workers	
6	2:20 PM – 2:30 PM	1308	Waste Wisely: IoT-Powered Smart Bins Redefining Food Waste Management	
7	2:30 PM – 2:40 PM	1344	Biometric and IoT-based Vehicle Security Systems: Advancements and Applications	
8	2:40 PM – 2:50 PM	1379	Artificial Intelligence-Driven Internet of Things for Elderly Well-Being: From Assisted Living to Predictive Health Monitoring	
2:50 PM – 3:00 PM		Tea Break		

9	3:00 PM – 3:10 PM	1530	Design and Implementation of an IoT-Enabled Tracking System with Real-Time Monitoring for Low Battery and Signal Loss Scenarios
10	3:10 PM – 3:20 PM	1548	IoT-Enabled Real-Time Vaccine Storage Monitoring and Alert System
11	3:20 PM – 3:30 PM	1569	IoT Based Bird Repelling System
12	3:30 PM – 3:40 PM	1282	Smart Straw for Dilated Cardiomyopathy Patients
13	3:40 PM – 3:50 PM	1457	Analysis of OSPF Routing Protocol Using FABRIC testbed for Network Optimization
14	3:50 PM – 4:00 PM	821	Hybrid Fusion Approach for Animal Species Identification Using Facial Images
15	4:00 PM – 4:10 PM	1599	Pothole detection on Roads using CNN for Autonomous vehicles

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – AN

**Track: Advanced Materials for Technological Applications & Women in
Science and Technology**

Session Chair		Dr. A. Kumaravel Associate Professor, Department of Chemistry PSG Institute of Technology and Applied Research, Coimbatore.	
Session Co-Chair		Dr. R. Sengodan Assistant Professor, Department of Physics School of Foundational Sciences Kumaraguru College of Technology, Coimbatore.	
Venue		Gandhian Study Centre, Arumugam Students Centre School of Foundational Sciences, KCT	
S.No	Timings	Paper ID	Paper Title
1	1:20 PM – 1:30 PM	258	AI Based Adaptive QoS Optimization for IoT Devices in Healthcare Networks
2	1:30 PM – 1:40 PM	346	Enhancing Student Learning with a Customizable Virtual Learning Assistant
3	1:40 PM – 1:50 PM	522	A Study on Utilizing Failure Mode and Effects Analysis (FMEA) to Identify Root Causes Contributing to Student Learning Failures in an Academic Environment
4	1:50 PM – 2:00 PM	748	Comparative Study of Outcome Based Accreditation: NBA 2016 vs. 2024 Program Outcomes for UG Engineering Programs
5	2:00 PM – 2:10 PM	761	Biometric Assisted e - Health Record for Patients linking Primary Health Centers (PHCs) and Hospitals
6	2:10 PM – 2:20 PM	953	Nanotechnology and its application: A review
7	2:20 PM – 2:30 PM	1075	Experimental Study on Mechanical Behaviour of Reinforced Composite for Automotie Interior Panel applications
8	2:30 PM – 2:40 PM	1117	Advancement in Smart Prepaid Electric Meter System
9	2:40 PM – 2:50 PM	1315	OFDM For Underwater Acoustic Communication Using FPGA

2:50 PM – 3:00 PM		Tea Break	
10	3:00 PM – 3:10 PM	1372	Optimised experimental evaluation of Surface roughness of age hardened & ground Al6061/SiC/Graphite composite alloys using Taguchi Orthogonal Array
11	3:10 PM – 3:20 PM	1380	Optimizing Healthcare (Nephrology) Automation to Enhance Patient Care and Operational Efficiency
12	3:20 PM – 3:30 PM	1384	Design and Performance Evaluation of a Wireless Energy Transfer System for Dynamic Charging of Electric Vehicles
13	3:30 PM – 3:40 PM	1433	Advanced fault detection in aircraft motors using vibration analysis through floating-point fft
14	3:40 PM – 3:50 PM	1549	MEAL MATCH: A Food Donation Platform
15	3:50 PM – 4:00 PM	1565	Investigation Of Synergistic Hybrid Composite for Aerospace Applications

Paper-Presentation Schedule

Day 2: 05-04-2025 (Saturday) – FN
Track: Women in Science and Technology

Session Chair		Dr. Senthil Kumar. M, Professor, Department of Applied Mathematics and Computational Sciences, PSG College of Technology, Coimbatore -641004	
Session Co-Chair		Dr. Maheswari K Assistant Professor and Head, Department of Mathematics, Kumaraguru College of Technology	
Venue		Mathematics Laboratory – F Block, KCT	
S.No	Timings	Paper ID	Paper Title
1	10:00 AM – 10:10 AM	68	Advanced Smart Systems for Detecting and Mitigating Aggression in Poultry Farms Using CNN & SVM algorithm.
2	10:10 AM – 10:20 AM	304	Analytical Properties of a Novel Fractional Integral Transform with Mittag Leffler Kernel
3	10:20 AM – 10:30 AM	305	Analysis of Fractional-Order Biological Model via A Novel Semi-Analytical Approach
4	10:30 AM – 10:40 AM	523	Assessing Indian Private Banks: A DEAR Algorithm-Based Ranking Method
5	10:40 AM – 10:50 AM	869	Statistical Data-Driven Analysis of Fashion Influencers Impact on Consumer Buying Behaviour
6	10:50 AM – 11:00 AM	897	Data Analysis on the comparison of IC vs EV Vehicles
11:00 AM – 11:10 AM		Tea Break	
7	11:10 AM – 11:20 AM	903	Predictive Analysis of Cardiovascular Disease Using Random Forest Algorithm

8	11:20 AM – 11:30 AM	910	Regression Analysis of Trapdoor Chabazite for Characterizing Electrical Conductivity
9	11:30 AM – 11:40 AM	934	Predictive Modeling for Diabetes Diagnosis Using Diagnostic Measures: A Study on Female Pima Indian Patients
10	11:40 AM – 11:50 AM	972	Epidemiological Analysis of Cancer in India
11	11:50 AM – 12:00 PM	986	Social Media Emotional Analysis
12	12:00 PM – 12:10 PM	1003	Analysing Educational Parameters Across Indian States: A Comprehensive Study of Trends and Disparities
13	12:10 PM – 12:20 PM	1067	Fuzzy Logic based Kinematics Mathematical Modelling of Lower Limb Exoskeleton for Rehabilitation in Stroke Patients
14	12:20 PM – 12:30 PM	1158	Assistive Lower Limb Exoskeletons for Elderly Patients: FEA-Based Design and Performance Optimization
15	12:30 PM – 12:40 PM	1161	FPGA Implementation of Cotton Leaf Disease Detection Using CNN
12:40 PM- 1:30 PM		Lunch Break	

Paper Presentation Schedule

Day 2: 05-04 -2025 (Saturday) – AN
Track: Women in Science and Technology

Session Chair		Dr. Senthil Kumar. M, Professor, Department of Applied Mathematics and Computational Sciences, PSG College of Technology, Coimbatore -641004	
Session Co-Chair		Dr. Shobhana.R Assistant Professor, Department of Physics, Kumaraguru College of Technology	
Venue		Mathematics Laboratory – F Block, KCT	
S.No	Timings	Paper ID	Paper Title
1	1:30 PM – 1:40 PM	1163	IoT based Smart Trolley with Integrated RFID reader and Advanced Billing System
2	1:40 PM – 1:50 PM	1178	Engagement and Performance in Calculus: A Comparative Analysis of Guided Problem-Based Learning
3	1:50 PM – 2:00 PM	1260	An approach for solving transportation problem using possibility interval valued intuitionistic fuzzy soft sets
4	2:00 PM – 2:10 PM	1290	AI-Driven Motion Analysis of Lower Limb Exoskeleton with Integrated Backpack Load
5	2:10 PM – 2:20 PM	1339	Optimizing Network Structures Using Bipolar Single Valued Neutrosophic Minimal Spanning Tree in Tree Topology
6	2:20 PM – 2:30 PM	1350	A Study on b-chromatic Number of Comb Product of Cycle graph related Graphs
7	2:30 PM – 2:40 PM	1469	Analyzing the Determinants of Student Placements

8	2:40 PM – 2:50 PM	1477	Analyzing Consumer Preferences to Determine the Leading Online Shopping Platform
2:50 PM – 3:00 PM		Tea Break	
9	3:00 PM – 3:10 PM	1479	Aligning Analytics Education with Industry Demands: Bridging the gap
10	3:10 PM – 3:20 PM	1481	Exploring the Factors Shaping Customer Preferences in Online Food Delivery Apps
11	3:20 PM – 3:30 PM	1524	Structural Equivalence Between Mobile Networks Via Neutrosophic Nano Topology Using Graph
12	3:30 PM – 3:40 PM	1546	Study on Special Bipartite Graph through Topological Framework
13	3:40 PM – 3:50 PM	1553	Vedic Mathematic Techniques- Real World Applications in Various Fields