



Program Schedule

International Conference on Computational Engineering, Sensing Technology and Management (ICCETM – 2025)

CONFERENCE RECORD NUMBER 66557

Tuesday 18th November 2025

Zoom Link: <https://amity->

[edu.zoom.us/webinar/register/WN_d2lh3QpARqefigDb8SwwLA](https://amity-edu.zoom.us/webinar/register/WN_d2lh3QpARqefigDb8SwwLA)

Session Time: 10 am – 01:00 pm AEDT 04:30 am – 07:30 am IST Location: Western Sydney University, Paramatta Campus South Hall: PS-EA.2.13 (LT 02)	
1100 – 1105 Hrs (NSWT) 0530 – 0535 Hrs (IST)	Invocation and Welcome by Master of Ceremony
1105 – 1120 Hrs (NSWT) 0535 – 0550 Hrs (IST)	Welcome Address by Prof. (Dr.) Gurinder Singh, Group Vice Chancellor, Amity Universities
1120 – 1135 Hrs (NSWT) 0550 – 0605 Hrs (IST)	Payam Zekavat (PhD), Associate Dean International School of Engineering, Design and Built Environment, WSU (Offline)
1135 – 1145 Hrs (NSWT) 0605 – 0615 Hrs (IST)	Special Address by Professor Gurmeet Singh, Deputy Vice-Chancellor and Vice President, Research and innovation, The University of the South Pacific
1145 – 1155 Hrs (NSWT) 0615 – 0625 Hrs (IST)	Special Address by Prof Syed Abbas, Section Chair IEEE, NSW
1155– 1210 Hrs (NSWT) 0625– 0640 Hrs (IST)	Address by Vik Bansal (Founder and CEO, Boral, Sydney, Australia) (Offline)

Address by Mr Anthony Vippond, CEO- Lotus Energy & Chorus Group, Australia (Offline)

Conferring of Amity Academic & Industry Excellence Awards

- Keith Sherringham, Trusted Advisor- trusted advisory service on enabling and embedding AI, Director-ADT Partners (Offline)
- Mr Palash Nandy, CEO-Legrand Australia (Offline)
- Ben Jones, COO- Lotus Energy (Offline)
- Dr Masoud Mohammadian, University of Canberra (Offline)
- Dr Krishna M Kovur, Chief Innovation Officer, Banking Labs Inc., Canada, Department of Biological Sciences and Computing Science, University of Alberta, Edmonton, Canada (Online)
- Rajender Chilukala, Assistant Vice President, US Bank, USA (Online)
- Arun Kumar Yadava, Senior Finance System Leader and Expert – AI, ERP, and Fintech, HCL Technologies, USA (Online)
- Ankur Tiwari, AI Powered Content Management Architect, Movaro-Toronto, Canada (Online)
- Jagadeesh Vasanthada,SAP Ariba Enterprise Architect and Project Delivery Manager, Kyyte, Atlanta, USA (Online)
- Aryender Tyagi, Head of Auro Originations Technology, Wells Fargo, USA (Online)
- Krishna Mula, Principal Software Engineer, Navy Federal Credit Union, USA (Online)
- Dharnisha Narasappa, Senior Network Architect, Versa Networks, Austin, Texas, USA (Online)

1210 – 1310 Hrs (NSWT)
0640– 0740 Hrs (IST)

1310 – 1320 Hrs (NSWT)
0740 – 0750 Hrs (IST)

Chancellor's Address - Dr. Atul Chauhan, Honourable Chancellor, Amity University (TBC)

1320 – 1330 Hrs (NSWT) 0750 – 0800 Hrs (IST)	Visionary thoughts by Dr. Ashok K. Chauhan Honourable Founder President, Ritnand Balved Education Foundation (The Foundation of Amity Institutions and the sponsoring body of Amity Universities) & Chairman, AKC Group of Companies (TBC)
1330 – 1332 Hrs (NSWT) 0802 – 0804 Hrs (IST)	Vote of Thanks
1332 onwards 0804 onwards	Lunch Break

Alumni Session – Amity Australia
Roots and Routes: Celebrating the Amity Bond Across Continents

(A heartfelt nod to where it all began - our shared roots at Amity
 &
 How our journeys have spread across the world.)

Hybrid Mode

1400 – 1500 Hrs. (AEDT)

Location: Western Sydney University, Paramatta Campus South

Hall: PS-EA.2.13 (LT 02)

Online Link: https://amity-edu.zoom.us/webinar/register/WN_JbACQFF0TteDdvOW35Ypbw

Time (SST)	Event
1400 – 1405 Hrs.(NSWT) 0830 – 0835 Hrs. (IST)	Invocation by Master of Ceremony
1405 – 1415 Hrs. (NSWT) 0835 – 0845 Hrs. (IST)	Opening Remarks & Welcome Address Prof. (Dr.) Gurinder Singh, Group Vice Chancellor, Amity Universities
1415 – 1425 Hrs. (NSWT) 0845– 0855 Hrs. (IST)	Chancellor's address - Dr. Atul Chauhan, Honourable Chancellor, Amity University (TBC)
1425 – 1435 Hrs. (NSWT) 0855 – 0905 Hrs. (IST)	Visionary thoughts by Dr. Ashok K. Chauhan Honourable Founder President, Ritnand Balved Education Foundation (The Foundation of Amity Institutions and the sponsoring body of Amity Universities) & Chairman, AKC Group of Companies (TBC)
1435 – 1535 Hrs. (NSWT) 0905 – 1005 Hrs. (IST)	Alumni Experience sharing (all Alumni are requested to give 2 minutes experience sharing and acceptance speech for the alumni achievers award. <ul style="list-style-type: none"> ➤ Tushar Kaushik ➤ Meenakshi Uppal ➤ Himanshu Sharma ➤ Ashutosh Bhushan

	<ul style="list-style-type: none">➤ Mayank Kansal➤ Mr. Gurnoor Singh➤ Mr. Siddharth Sahni➤ Mr. Naman Jain➤ Ms. Harshita Bhardwaj Kumar➤ Ms. Yutika Tiwari➤ Ms. Mahika Ashish Mathur➤ Ms. Gunya Malhotra➤ Mr. Vishnu Kanth Gandharaj➤ Ms. Shailey Sharma➤ Mr. Nidheesh Sinha➤ Mr. Raghav Batra
1535 – 1540 Hrs. (NSWT) 1005 – 1010 Hrs. (IST)	Vote of thanks

OFFLINE SESSION: HYBRID MODE

Zoom link:

https://amity-edu.zoom.us/webinar/register/WN_d2lh3QpARqefiqDb8SwwLA

Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)
Venue: Room (PS-EA.2.13 (LT02))

Time: (4:30AM -5:30AM) IST, (10AM-11AM) AEDT

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
1		294	ScrumBench and Jason Mack: Scaling Agentic AI for Automation in Agile Software Teams	JoIngold, Walayat Hussain (Australian Catholic University)*
2		455	Reconfigurable Bandstop Surface for Beyond 5G/6G Applications	Alisha (University of Sydney) and Syed Muzahir Abbas
3		37	Data Driven Based Neural Network Model for Waste Bin Production	RA Begum (Western Sydney University)
4		488	WHEN SECURITY ALIGNS: SECURITY CONCORD AS A DETERMINANT OF SENIOR MHEALTH ADOPTION	Abdulaziz Alshammari (university of canberra)
5		343	A Multi-Model Framework for Automated News Credibility Analysis and Fake News Detection and Web Scraping	Ashutosh Bhushan (AUS) (Offline)
6		497	From Policy to Practice in Smart home Sensing: How Cybersecurity Policy and Privacy Concern Drive IoT Security Behaviour	Abdalmajeed Alharthy and Masoud Mohammadian
7		304	Autonomous Learning Coach: A Text-Centered Agentic AI Approach to Effective Learning	Walayat Hussain (Australian Catholic University)
8		148	FPGA-Assisted MR brain tumor segmentation using VGG-16 CNN architecture: A Transfer Learning Approach for Early-stage Cancer Detection	Zeeshan Ahmed (South East University, China)
9		17	An Analysis of Machine Learning-Based Bankruptcy Prediction in Indian Manufacturing Companies: With Reference to Corporate Governance Indicators	Simrat Kaur (Offline)
10		52	A Novel Financial Risk Model Framework using Machine Learning in Conjunction with Allied Quantitative Models	Krishna M Kovur, Canada (Online)
11		466	Using Machine Learning Techniques and Pose Estimation for Elderly Fall Detection	Masoud Mohammadian, University of Canberra (Offline)
12		50	Financial Quantitative Modelling and Artificial Intelligence – Current Landscape and Future Directions	Krishna M Kovur, Canada (Online)
13		473	Unified Federated Product Intake Framework: A Blueprint for Scalable Product & Pricing Enablement	Amit Kumar Padhy USA (Online)
14		469	Zero-Trust Interconnect Framework for Secure Multi-Cloud Connectivity	Shubham Singh, USA (Online)

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/8EU0jN4PQVKzOi0z5vHEIA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-1 (11:00-12:00) IST, Room-A

Session Chairs:

1. Kiran Kumar Reddy Kalam, SAP Technical Architect, Global IT Solutions, USA
2. Dr. Ritu Singhal, Dept. of Comp. Sc., IP College, University of Delhi, Delhi, India
3. Dr. Ravneet Singh Bhandari, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	11:00-11:10 am	Session Keynote Speaker: Harshit Kohli, Sr Technical Account Manager, Amazon Web Services, USA		
1	11:10-11:15 am	599	Predictive Bayesian Models for Measuring Marketing Campaign Impact	Ankush Sanjay Mahajan, USA (Online)
2	11:15-11:20 am	606	Transforming Healthcare Supply Chains with AI Predictions and APEX Visualization	Ashraf Syed, USA (Online)
3	11:20-11:25 am	472	Next-Generation Cloud Ecosystems: Architecting Intelligent Platforms for Autonomous Enterprise Evolution	Amit Kumar Padhy USA (Online)
4	11:25-11:30 am	607	Low-Code/No-Code Automation Framework for Library Prep Automation in Next Generation Sequencing (NGS) for Methylation Workflows	Saket Mishra, USA (Online)
5	11:30- 11:35 am	84	AI-Driven Optimization of Regional Cinema Distribution and Multi-Stream Revenue Models: A Framework for Sustainable Film Monetization	Venkatraman Viswanathan, USA (Online)
6	11:35- 11:40 am	192	MedGenie: Advancing Clinical AI through Multi-Modal Medical Data Fusion and Diagnostic-Conversational Benchmarking	Sandeep Reddy Gantla, USA (Online)
7	11:40- 11:45 am	191	The Double-Edged Blade: Navigating Confidentiality in Context-Injected Language Generation	Srikanthreddy Devireddy, USA (Online)
8	11:45- 11:50 am	287	Autonomous Multi-Agent Self-Healing for Cloud Microservices via Causal Digital Twins and Hybrid Swarm-RL Control	Chandra Sekhar Kubam, USA (Online)
9	11:50- 11:55 am	288	Contract-Centric ETL: Adaptive Schema Evolution with Real-Time Data Contract, Repair, and Risk-Budgeted Rollout	Vijayakumar Krishnapillai, USA (Online)
10	11:55- 12:00 pm			

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/z2JOMkboQuiV6G-rl10e1A>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-1 (11:00-12:00) IST, Room-B

Session Chairs:

1. Manish Kumar, SAP Technical Architect, USA
2. Dr. Shweta Meena, Dept. of Software Engineering, Delhi Technological University, New Delhi
3. Dr. Vivek Kumar, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	11:00-11:10 am	Session Keynote Speaker: Dharnisha Narasappa, Senior Network Architect, Versa Networks, USA		
1	11:10-11:15 am	289	Hawkes-Guided Dynamic Graph Learning for Collusion Detection in Financial Systems	Krishna Mula and Chandra Sekhar kubam, USA (Online)
2	11:15-11:20 am	295	Quantum-Accelerated Real-Time Fraud Detection: Optimizing Resource Utilization and Analyst Productivity at the Edge enabled Finance System	Prateek Sharma, USA (Online)
3	11:20-11:25 am	348	Multi-Agent Reinforcement Learning with Policy-Driven Shift-Left Integration and Resource Allocation in Cloud Environments	Venkata Sai Nageen Kanikanti, USA (Online)
4	11:25-11:30 am	461	Ethical AI in SAP-Enabled Digital Transformation: Human-Centric Adoption through Mixed-Methods Research	Jagadeesh Vasanthada, USA (Online)
5	11:30- 11:35 am	465	Redefining Code Security with LLMs toward Fully Automated Self-Adaptive Detection of Software Vulnerabilities in Complex Evolving Codebases	Jaya Krishna Modadugu, USA (Online)
6	11:35- 11:40 am	475	Actuarial Science Driven Personalization: Optimizing Offers Through Compliance	Ankush Mahajan, USA (Online)
7	11:40- 11:45 am	478	Mastering Access Management for Zero Trust Security	Anvesh Gunuganti, USA (Online)
8	11:45- 11:50 am	479	Compliance-Driven Identity and Access Management (IAM) in Critical Infrastructure	Srikanth Mandru, USA (Online)
9	11:50- 11:55 am	485	Agentic AI Foundations and Infrastructure for Scalable Multi-Agent System	Shally Garg, USA (Online)
10	11:55- 12:00 pm	491	Integrating IoT-Based Sensing and Automation Frameworks for Smart Construction Management: A Computational Engineering Approach	Venkata Vamsi Emani, USA (Online)

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/P02TvXIPQE-0AJ7ERipJGA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-1 (11:00-12:00) IST, Room-C

Session Chairs:

1. RAJENDER PELLREDDY, CYBER SECURITY MANAGER, Dominion Energy, USA
2. Dr. Aakash, Ramanujan College, University of Delhi, Delhi
3. Prof. Namita Sahay, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	11:00-11:10 am	Session Keynote Speaker: Abdul Hadi, Lead BMS and Process Control Solutions Executive, Mesh Electric (System Integrator), Houston, TX, USA		
1	11:10-11:15 am	151	IRS-Aided Joint Design for Secure Integrated Sensing and Communication	Shatakshi Singh
2	11:15-11:20 am	467	Green AI for Sustainable Supply Chains: Challenges in Emerging Economies	Vernika
3	11:20-11:25 am	349	Advancements and Challenges in Multilingual and Multimodal Sentiment Analysis: A Comprehensive Review	Shweta Meena
4	11:25-11:30 am	28	Machine learning based prediction of delamination factor (Fd) in natural kevlar fiber epoxy composites machined by abrasive water jet (AWJ)	LAVANYA M
5	11:30- 11:35 am	47	AI-powered Green HRM: Towards a Sustainable Workplace with Technological Advancement	vidhi kapruwan
6	11:35- 11:40 am	49	Enhancing Student Performance Prediction Using Machine Learning: A Comparative Study with XGBoost	Akhila BABU
7	11:40- 11:45 am	66	Communicable Data Intelligence for Sustainable Decision-Making in the Age of Machine Learning	Kavita Thapliyal
8	11:45- 11:50 am	67	Scan to Plan: Integrating Smart Sensing Technologies into Marketing Strategy Through Semopy-Based Predictive Path Modeling	Anam Afaq
9	11:50- 11:55 am	22	Applications of Deepfake Technologies in Biomedical Sciences	Jeewanshu
10	11:55- 12:00 pm	64	Gamification with AI: A Cost-Effective Approach to Modern Assessments	Raghav Gupta

ONLINE SESSION: HYBRID MODE

Zoom link: https://amity-edu.zoom.us/meeting/register/E_hHN9jGQuacvZelcwn1IQ

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-1 (11:00-12:00) IST, Room-D

Session Chairs:

1. Ram Reddy Jonnalagadda, IT Technology Services Senior Specialist, USA
2. Dr. Ankita Bansal, Dept. of IT, Netaji Subhas University of Technology, Dwarka, New Delhi
3. Dr. Rashmi Maini, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	11:00-11:10 am	Session Keynote Speaker: Dr. Quazi Taif Sadat, Director, Bangladesh University, Dhaka, Bangladesh		
1	11:10-11:15 am	25	Reliable Epidemic Forecasting: A Framework for Stability, Sensitivity, and Scalability	Ramakrishnan Raman
2	11:15-11:20 am	150	Realtime Talking Head Generation using ER-NeRf and LivePortrait	Avneesh Sirohi
3	11:20-11:25 am	45	IoT-Based Exam Paper Booklet Stock Detection Vending System	Santhiya GM and Nithya shree
4	11:25-11:30 am	4	Optimization Techniques for Sustainable High-Rise Design in Urban Environments	Vaibhav Garg and Yash Dagar
5	11:30- 11:35 am	267	Why Smart Routing Alone Isn't Enough? Insights from Indian Agriculture Supply Chain	Deepika Joshi
6	11:35- 11:40 am	24	Reliability Framework for Epidemic Risk Prediction: Current Pandemic Insights and Future Applications	Alka Munjal
7	11:40- 11:45 am	268	Innovation Diffusion through the Lens of Market Coverage	Umashankar Samal
8	11:45- 11:50 am	53	Augmented Reality as a Mitigation Strategy for the "Squint-and-Guess" Paradigm – A Case Study of Eyewear Industry	Jitendra Charan
9	11:50- 11:55 am	48	Rare Earth Elements, Technology, Energy and Geopolitical Risk Connectedness in Australia: Insight from Wavelet Coherency	Rajbeer Kaur
10	11:55- 12:00 pm	328	An Analytical Approach with Grice's Conversational Maxims for Visualization	Naveen Kumar V

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/fvCzc51JSee0BudkJsbnUw>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-1 (11:00-12:00) IST, Room-E

Session Chairs:

1. SHARATH REDDY Gade, Vice President, USA
2. Dr. Ishu Sharma, School of Engineering and Technology, CGC University, Mohali, Punjab, Ind
3. Dr. Nikhil Kaushik, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	11:00-11:10 am	Session Keynote Speaker: Sessa Sai Sravanthi Valiveti, Net Technical Lead, Infosys Limited, Dallas, Texas, USA		
1	11:10-11:15 am	54	Sustainable HRM Practices for Responsible Consumption: A Review of Public Sector Initiatives in India	Rakshanda kakran
2	11:15-11:20 am	291	The concept of ecotourism as the climate option to work in fragile ecosystems	VIBHA BAHUGUNA
3	11:20-11:25 am	290	Towards Net-zero and Climate Stability: The Circular Strategies and the Renewable Energy ways to beyond Carbon	RAJAT RAWAL
4	11:25-11:30 am	611	Artificial Intelligence in E-Learning: Shaping Personalized Education through Adaptive Systems	Chahat Sahani
5	11:30- 11:35 am	345	Resource Utilization in Containerized Workloads: Patterns and Implications for Adaptive Scheduling in Cloud Computing	Ritu Singhal
6	11:35- 11:40 am	476	Algorithmic Humanity: Exploring AI, Robotics, and the Ethics of Posthuman Life through Posthuman Imagination	ANSHUL SRIVASTAVA and VINEETA SINGH
7	11:40- 11:45 am	347	E-Commerce Adoption and Retail Business Performance in Indonesia and Nigeria: An Empirical Analysis (2014-2024)	Animesh Singh
8	11:45- 11:50 am	460	TriSense-IoMT model for Real-Time MQTT DDoS Attack Detection in IoMT	Lata Yadav
9	11:50- 11:55 am	605	A Comparative Study of Threshold Determination Algorithms for Code Similarity Detection	Akash Bhattacharyya
10	11:55- 12:00 pm	55	Numerical Benchmark Function Optimization Using Nature-Inspired Swarm Intelligence: Savannah Bengal Tiger, Whale, and Gray Wolf Optimizers	Krishnapada Mondal, Bangaldesh

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/8EU0iN4PQVKzOi0z5vHEIA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-2 (12:00-1:00) IST, Room-A

Session Chairs:

1. Rajesh Sura, Head of Data Engineering and Analytics, Amazon Stores, Seattle, WA, USA
2. Dr. Ritu Singhal, Dept. of Comp. Sc., IP College, University of Delhi, Delhi, India
3. Dr. Ravneet Singh Bhandari, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	12:00-12:10 pm	Session Keynote Speaker: Sai Raghavendra Varanasi, Change/Release Manager, Cigna Healthcare, Dallas, Texas, USA		
1	12:10-12:15 pm	494	Unemployment in the Age of Intelligent Systems: A Technical Perspective	Nazia Hasan
2	12:15-12:20 pm	595	Sensing Engagement through Gamified Training: A Computational Learning Framework	Preeti Garg
3	12:20-12:25 pm	500	Artificial Intelligence in Mental Healthcare	Sonali Chopra
4	12:25-12:30 pm	474	Comparative Analysis of Brain Tumor Detection and Classification using Deep Learning	Naveen Kumari
5	12:30-12:35 pm	609	Forecasting Iron Ore Price Volatility Using GARCH, SVR and ANN	Rakesh Jha
6	12:35-12:40 pm	499	Evaluating User Perception of AI-Driven Autonomous Vehicles in India: A Socio-Technical Analysis	VIDHI VASUDEVA
7	12:40-12:45 pm	265	Sustaining Healthcare Accreditation: An evidence-based study using Failure Mode and Effects Analysis (FMEA) tool from hospitals of Delhi NCR	Archana Koul
8	12:45-12:50 pm	46	Beyond the Green Façade: A Data-Driven Analysis of Ethics vs. Tactics in Corporate Sustainability	Komal Kumari
9	12:50- 12:55 pm	352	Brain Tumor Detection using Transfer Learning	Shweta Meena
10	12:55- 1:00 pm	493	Technological Capabilities in Driving Green Innovation and Sustainable Development	Nazia Hasan

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/z2JOMkboQuiV6G-rl10e1A>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-2 (12:00-1:00) IST, Room-B

Session Chairs:

1. Ramesh Reddy Julakanti, Senior Technical Services Manager SAP America
2. Dr. Shweta Meena, Dept. of Software Engineering, Delhi Technological University, New Delhi
3. Dr. Vivek Kumar, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	12:00-12:10 pm	Session Keynote Speaker: Aravind Satyanarayanan, Lead machine learning Engineer, ADP Technology Services Inc, Jersey City, USA		
1	12:10-12:15 pm	69	HYDROSPHERE: Autonomous Grey water Recycling with Energy-Positive Operation	Pushpalatha Naveenkumar
2	12:15-12:20 pm	141	Computational Engineering of Advanced Alloys for Temperature-Sensitive Device Applications	Rachit Agwan
3	12:20-12:25 pm	496	Intelligent IoT and AI-Driven Ambulance Dispatch and Traffic Preemption System	Pushpalatha Naveenkumar
4	12:25-12:30 pm	156	AI Enabled Decentralized Finance Frameworks for Scalable, Secure and Transparent Transactions	Dr.Tejaswini
5	12:30-12:35 pm	160	Option Trading with Option Greeks and Machine Learning: A Quantitative Approach	Dr.Srinivasan Arun Kumar
6	12:35-12:40 pm	44	AI-Driven Demand Sensing: Real-Time Forecasting from Social Media, IoT, and Market Signals	Rajan Goyal
7	12:40-12:45 pm	495	SMART SHELF MONITORING SYSTEM FOR RETAIL STORES USING AI	Pushpalatha Naveenkumar
8	12:45-12:50 pm	164	Challenges and Limitations of AI Adoption in Agile Software Testing Life Cycle (STLC): Scalability, Adaptability, and Ethics	S Huxley
9	12:50- 12:55 pm	293	Intra-day Volatility and Trading Behavior in BSE Sensex: A GARCH Model Analysis	Ranganatha R
10	12:55- 1:00 pm	296	Integrating Artificial Intelligence in Analyzing Financial Literacy and Investor Satisfaction: A Behavioural Study among Retail Investors in Karnataka	Mr.Vijay Nag J

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/join/P02TvXIPQE-0AJ7ERipJGA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-2 (12:00-1:00) IST, Room-C

Session Chairs:

1. NARENDRA MEDIKONDA, SAP BTP Technical Architect, USA

2. Dr. Aakash, Ramanujan College, University of Delhi, Delhi

3. Prof. Namita Sahay, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	12:00-12:10 pm	Session Keynote Speaker: Vinay Chowdary Manduva, Software Engineer, Docusign, USA		
1	12:10-12:15 pm	43	Resilient Grid Overload Mitigation and Slot Efficiency Optimization with Fault-Tolerant Digital Twin Control for Distributed Electric Vehicle Charging Stations	Desh Sharma
2	12:15-12:20 pm	310	Financial Literacy and Sustainable Livelihoods: A Study on Microfinance Practices and Their Ecological-Economic Implications in Rural Communities	Hemalatha L N
3	12:20-12:25 pm	312	Green Banking 4.0: The Role of AI, Blockchain, and Sovereign Gold Bonds in Sustainable Financial Systems	Dr Ravi
4	12:25-12:30 pm	161	Machine Learning Analysis of Indian Equities' Recovery from US Tariffs Announcements	Dr.Srinivasan Arun Kumar
5	12:30-12:35 pm	598	Automation of Financial Inclusion and Developing Digital Ecosystem in Emerging Economies	Nazia Hasan
6	12:35-12:40 pm	30	AI-Driven Health Monitoring Systems: Enhancing Patient Outcomes	Shikha Kapoor
7	12:40-12:45 pm	9	Managerial Insights into Automated Detection of Atrial Fibrillation: Using Wavelet-Based Classification for Improved Healthcare Outcomes	Anupama Rajesh and Vedant Patil
8	12:45-12:50 pm	269	InsureTech 2.0: The AI-driven Future	Manish Sharma and Sunil Kadyan
9	12:50- 12:55 pm	39	Leveraging AI in Healthcare: Engaging Industry and Academia for Development Work	Shikha Kapoor
10	12:55- 1:00 pm	10	EmotionSense: AI-Powered Emotional Intelligence and Stress Management Solution	Anupama Rajesh and Vedant Patil

ONLINE SESSION: HYBRID MODE

Zoom link: https://amity-edu.zoom.us/meeting/register/E_hHN9jGQuacvZelcwn1IQ

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-2 (12:00-1:00) IST, Room-D

Session Chairs:

1. PAVAN NOOKALA, Director - Program & Project Management, Microsoft (via LTIMindtree) – XStore Infra Group, USA
2. Dr. Ankita Bansal, Dept. of IT, Netaji Subhas University of Technology, Dwarka, New Delhi
3. Dr. Rashmi Maini, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	12:00-12:10 pm	Session Keynote Speaker: Krishna Mula, Sr. Software Lead Engineer, Navy Federal Credit Union, Vienna, Virginia, USA		
1	12:10-12:15 pm	492	Cluster Analysis and Latent Class Modelling for Consumer Segmentation in Digital Marketing	Sapthagiri Padmanabham
2	12:15-12:20 pm	471	Logistic Regression Modelling for Predicting Conversion Probabilities in Digital Ads	Venkata Ramachandra karthik Chundi
3	12:20-12:25 pm	498	Bayesian Inference Models for Estimating the Effectiveness of Pay-Per-Click Campaigns	Samara Simha Reddy Yerramada
4	12:25-12:30 pm	353	Responsible AI for Organizational Transformation: A Mixed-Methods Analysis of Ethical Dilemmas and Human-Centric Adoption	Aakash
5	12:30-12:35 pm	462	Management of IoT-Driven Digital Transformation: Identifying and Validating Critical Success Factors in Industry 4.0	Aakash
6	12:35-12:40 pm	351	Quantitative Modelling of Blockchain's Role in Reverse Logistics Risk Mitigation: A Game-Theoretic Analysis	Aakash
7	12:40-12:45 pm	305	Ethical Leadership: Using Artificial Intelligence for Building Trust, Transparency, and Resilience in a Post-Pandemic World	Dr Hemanth kumar M S
8	12:45-12:50 pm	157	AI Enhanced Risk Management Strategies for Optimizing Algorithmic Trading Performance	Dr.Anusha
9	12:50- 12:55 pm	463	Artificial Intelligence for Sustainable Innovation: Identifying Drivers Through a Triangular Approach of Organizational, Technological and Institutional Perspectives	Aakash
10	12:55- 1:00 pm	350	Blockchain Adoption Challenges and Opportunities for Sustainable Digital Transformation: A Mixed-Methods Multi-Sector Analysis	Aakash

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/fvCzc51JSee0BudkJsbnUw>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-2 (12:00-1:00) IST, Room-E

Session Chairs:

1. Sujeet Kumar Tiwari, Software Developer Engineer in Test, Independent Researcher, USA
2. Dr. Ishu Sharma, School of Engineering and Technology, CGC University, Mohali, Punjab, Ind
3. Dr. Nikhil Kaushik, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	12:00-12:10 pm	Session Keynote Speaker: Narasimha Rao Vanaparathi, Assistant Vice President, State Street, Boston, MA, USA		
1	12:10-12:15 pm	158	Artificial Intelligence Enabled Decision Support System for Customer Satisfaction in Digitalised Indian Public Sector Banks	Dr.Renuka
2	12:15-12:20 pm	159	Predicting Customer Satisfaction Patterns in Merged Public Banks Using Machine Learning Approach	Dr.Renuka
3	12:20-12:25 pm	136	CNN BASED CLASIFICATION FOR INTELLIGENT DIABETIC DECISION SUPPORT SYSTEMS	Myasar Mundher adnan
4	12:25-12:30 pm	139	COMPUTATIONAL ENGINEERING FOR IOT-INTEGRATED SMART APPLIANCES WITHIN THE FRAMEWORK OF HEALTHCARE	Santosh Kumar
5	12:30-12:35 pm	119	ULTRA-RELIABLE AND LOW-LATENCY COMMUNICATION IN IOT OVER 5G: TAXONOMY AND RESEARCH OUTLOOK	Aniket Sonagara
6	12:35-12:40 pm	121	CHALLENGES AND SOLUTIONS IN BIG DATA INTEGRATION OF HETEROGENEOUS DATA SOURCE UNIFICATION	Lingarasu Kittusamy
7	12:40-12:45 pm	118	AGROTECH BASED ENVIRONMENTAL MONITORING USING IOT-BASED EDGE COMPUTING FRAMEWORKS	Ramy Riad Al-Fatlawy
8	12:45-12:50 pm	116	DEEP LEARNING MODEL FOR CLASSIFICATION OF AI-DRIVEN OPTIMIZATION STRATEGIES IN CLOUD COMPUTING	Anurag Shrivastava
9	12:50- 12:55 pm	117	MULTICLASS APPROACH FOR SEAMLESS COMMUNICATION IN IOT-DRIVEN SMART LEARNING ENVIRONMENTS	Anurag Shrivastava
10	12:55- 1:00 pm	130	Energy Efficient Model for Low-Power IOT Architectures with High-Precision Satellite Image Classification	Anurag Shrivastava

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/8EU0jN4PQVKzOi0z5vHEIA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-3 (2:00-3:00 pm) IST, Room-A

Session Chairs:

1. Mykhailo Hanol, Software Development Engineer (Web/UI), Amazon, USA
2. Sheetal Mavi, Dept. of Computer Science, Bharati College, University of Delhi, Delhi
3. Dr. Ravneet Singh Bhandari, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	2:00-2:10 pm	Session Keynote Speaker: Ravindra Putchakayala, Software Engineer, U.S. Bank, Dallas, TX, USA		
1	2:10-2:15 pm	470	Survival Analysis for Estimating Customer Churn in Subscription-Based Digital Platforms	Ravi Teja Balla
2	2:15-2:20 pm	484	Conjoint Analysis for Estimating Consumer Trade-Offs in Online Product Choices	Ravi Teja Balla
3	2:20-2:25 pm	486	Sentiment Analysis with NLP and Chi-Square Tests for Evaluating Consumer Responses on Twitter Campaigns	Rohan Salvi
4	2:25-2:30 pm	228	AI BASED TEXTUAL ANALYSIS FRAMEWORK: UNLOCKING PATTERNS IN LITERARY WORKS	Paramveer Singh
5	2:30- 2:35 pm	127	Deep Learning Based CNN Model for Privacy Preserving Techniques in Health Care Imaging	Santosh Kumar
6	2:35- 2:40 pm	122	MACHINE LEARNING AND DEEP LEARNING TECHNIQUES IN BIG DATA ANALYTICS: SURVEY OF MODELS AND APPLICATIONS	Aniket Sonagara
7	2:40- 2:45 pm	140	Framework for Scalable Serverless Architecture Integrating Remote Sensing Image Classification	Anurag Shrivastava
8	2:45- 2:50 pm	195	Engineering the Heritage Conservation: Examining Technological Practices for Preserving Forts and Palaces	Pooja
9	2:50- 2:55 pm	196	TECHNOLOGICAL ANALYSIS OF MOVIES AS SOCIAL MIRROR: EXAMINING ITS INFLUENCE ON GENDER PERCEPTIONS	Sachin Pratap Singh
10	2:55- 3:00 pm	197	CATALYST MODELLING FOR TECHNOLOGY BASED SOCIAL MOBILITY: OPPORTUNITIES FOR FUTURE DEVELOPMENT	Bhoomika Badlani

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/z2JOMkboQuiV6G-r110e1A>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-3 (2:00-3:00 pm) IST, Room-B

Session Chairs:

1. Komal Manohar Tekale, Sr Dev Ops Engineer, Auto club of Southern California, USA
2. Dr. Bushra, Jagan Institute of Management Studies, Rohini, Delhi, India
3. Dr. Vivek Kumar, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	2:00-2:10 pm	Session Keynote Speaker: Rohit Yallavula, Data Governance Analyst, Kemper, Dallas, TX USA		
1	2:10-2:15 pm	198	INTEGRATING ARTIFICIAL INTELLIGENCE IN EDUCATION SYSTEM: ANALYZING ITS IMPLEMENTATION AND IMPACT	Renu Garg
2	2:15-2:20 pm	199	AI BASED PREDICTION OF EMPATHY IN SHAPING DECISION-MAKING STYLES AMONG YOUNG ADULTS	Sapna Tatiwala
3	2:20-2:25 pm	200	INTELLIGENT MODELING EMBRACING DIVERSITY FOR PROMOTING REGIONAL LANGUAGES IN NEW EDUCATION POLICY	Harshita Sharma
4	2:25-2:30 pm	201	DIGITAL EQUITY TOWARDS SWAMI VIVEKANANDA'S RELEVANCE IN GLOBAL PEDAGOGICAL PRACTICES	Tilak Kumar Sharma
5	2:30- 2:35 pm	202	IT BASED ANALYSIS ON WOMEN'S POLITICAL LEADERSHIP: SOCIO-CULTURAL, ECONOMIC AND INSTITUTIONAL BARRIERS	KAVITA SAINI
6	2:35- 2:40 pm	203	AI BASED ANALYSIS ON THE CHANGING SOCIOLOGY OF MENSTRUATION IN INDIA	Pummy Kumar
7	2:40- 2:45 pm	204	INTELLIGENT MODELLING ON GENDERED CHOICES: ELECTORAL TRENDS AND PARTICIPATION	Ragini Agrawal
8	2:45- 2:50 pm	205	LEVERAGING ARTIFICIAL INTELLIGENCE FOR DESIGNING TECHNOLOGICAL NATURE-INSPIRED PERFORMANCE SPACES	Renu Garg
9	2:50- 2:55 pm	487	Leveraging Artificial Intelligence to Forecast IPO Outcome	Anam haider khan
10	2:55- 3:00 pm	594	Multivariate Regression Analysis for Measuring Cross-Platform Social Media Impact	Samara Simha Reddy Yerramada

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/P02TvXIPQE-0AJ7ERipJGA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-3 (2:00-3:00 pm) IST, Room-C

Session Chairs:

1. Vinay Chowdary Manduva, Software Engineer, Docusign, Seattle, USA
2. Dr. Jasmine Kaur, School of Business and Management, Christ University, India
3. Prof. Namita Sahay, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	2:00-2:10 pm	Session Keynote Speaker: Siva Karthik Parimi, Senior Software Engineer, PayPal, Austin, Texas, USA		
1	2:10-2:15 pm	206	INTELLIGENT MODELLING FOR SOCIETAL SUPPORT IN ENHANCING LIFE SATISFACTION OF AGING POPULATION	Tavishi Limaye
2	2:15-2:20 pm	207	INNOVATIVE PRACTICES IN STRENGTHENING PILLARS OF JUSTICE, LEGISLATIVE AND INSTITUTIONAL REFORMS FOR WITNESS PROTECTION	Srinibas Nayak
3	2:20-2:25 pm	208	ENGINEERING THE MICROFINANCE AND WOMEN'S EMPOWERMENT IN RURAL INDIA FOR SUSTAINABLE DEVELOPMENT	Yamini Kaushik
4	2:25-2:30 pm	209	IMPACT OF PARENTING STYLES ON ADOLESCENTS' MENTAL HEALTH: ENGINEERING THE INNOVATIVE PRACTICES	Nidhi Sharma
5	2:30- 2:35 pm	210	ENGINEERING THE SOCIETAL IMPACT: CRITICAL ANALYSIS OF ENVIRONMENTAL AWARENESS AND PUBLIC DISCOURSE	Sachin Pratap Singh
6	2:35- 2:40 pm	211	INTELLIGENT MODELLING FOR DNA ANALYSIS IN SCIENTIFIC INVESTIGATION AND ITS IMPLICATIONS IN LEGAL PROCEEDINGS	Rimpy Bhardwaj
7	2:40- 2:45 pm	212	EXPLORING RELATION BETWEEN DEMOGRAPHIC VARIABLES AMONG IT PROFESSIONALS: A SEM APPROACH	Ashima Garg
8	2:45- 2:50 pm	213	SAFEGUARDING PERSONAL PRIVACY IN THE ERA OF ARTIFICIAL INTELLIGENCE SYSTEM	Rahul Gautam
9	2:50- 2:55 pm	214	BLOCKCHAIN AND ETHICAL FINANCE: LESSONS FROM INDIC PHILOSOPHICAL TRADITIONS	Swati Jain
10	2:55- 3:00 pm	215	AI AND THE LAW OF EVIDENCE: ADMISSIBILITY AND RELIABILITY OF MACHINE-GENERATED DATA	Sushree Devashrita

ONLINE SESSION: HYBRID MODE

Zoom link: https://amity-edu.zoom.us/meeting/register/E_hHN9jGQuacvZelcwn1IQ

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-3 (2:00-3:00 pm) IST, Room-D

Session Chairs:

1. Shivakrishna Vangala, Principal Architect, T-Mobile USA Inc, Seattle, USA
2. Dr. Mohammed Shahid Irshad, ASMOC, SVKM's NMIMS Deemed to be University, Mumbai, Ind
3. Dr. Rashmi Maini, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	2:00-2:10 pm	Session Keynote Speaker: Rajesh Cherukuri, Senior Software Engineer, PayPal, Austin, Texas, USA		
1	2:10-2:15 pm	216	NAVIGATING THE TECHNOLOGY BASED DIGITAL AGORA: FUTURE OF DEMOCRATIC DISCOURSE IN MEDIA	Deepshikha Parashar
2	2:15-2:20 pm	217	SPECULATIVE FUTURITY AND QUEER TEMPORALITY IN AI-ASSISTED NOVELS	Karthikeyan S
3	2:20-2:25 pm	218	INNOVATIONS IN AI PERSPECTIVES FOR ENGLISH LITERATURE BASED ON SIRI	Al Iqyan Fidvi
4	2:25-2:30 pm	219	INTEGRATING AI WITH PATENTS, TRADEMARKS, COPYRIGHT AND TRADITIONAL KNOWLEDGE: CRITICAL ANALYSIS ON IPR	Tarun Pratap Yadav
5	2:30- 2:35 pm	220	COGNITIVE COMPUTING- AI DRIVEN RISK ASSESSMENT FRAMEWORK FOR STRATEGIC BUSINESS PLANNING	J. Sadeesh
6	2:35- 2:40 pm	221	AI-POWERED LEGAL ASSISTANTS: MODEL FOR REVOLUTIONIZING CLIENT CONSULTATION AND LEGAL ADVICE	Deepali Singh
7	2:40- 2:45 pm	222	BLOCKCHAIN AND INTELLECTUAL PROPERTY LAW: PROTECTING DIGITAL RIGHTS	Bikashdev Chhura
8	2:45- 2:50 pm	223	AI AND ML IN MARKETING: ENHANCING CONSUMER ENGAGEMENT AND PERSONALIZATION-PATHAK	Amit Kumar Bhanja
9	2:55- 2:55 pm	224	TECHNOLOGICAL STUDY ON RISK-RETURN DYNAMICS IN PUBLIC VS PRIVATE SECTOR MUTUAL FUNDS IN INDIA	Shiwangi Sonkhiya
10	2:55- 3:00 pm	225	MACHINE LEARNING FOR PREDICTIVE CUSTOMER RETENTION IN COMPETITIVE MARKETS	Mohammad Ahmar Khan

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/fvCzc51JSee0BudkJsbnUw>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-3 (2:00-3:00 pm) IST, Room-E

Session Chairs:

1. Ravi Teja Balla, Senior Oracle PaaS Developer, ABM Industries Inc., Dallas, TX, USA
2. Venkata Ramachandra karthik Chundi, Staff Software engineer, Atlanta, USA
3. Dr. Nazia Hasan, Institute of Management, Uttaranchal University, Dehradun Uttarakhand, Ind
5. Dr. Nikhil Kaushik, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	2:00-2:10 pm	Session Keynote Speaker: Venkat Kishore Yarram, Senior Software Engineer, PayPal, Austin, Texas, USA		
1	2:10-2:15 pm	226	INDUSTRIAL ANALYSIS ON MARKET RESPONSE TO BUYBACK ANNOUNCEMENTS: EVIDENCE FROM THE IT SECTOR	Vaishali Rana
2	2:15-2:20 pm	227	PREDICTIVE ANALYTICS IN HR: USING AI FOR FUTURE WORKFORCE TREND ANALYSIS	Soumya Chowdhury
3	2:20-2:25 pm	229	HARNESSING AI: ECONOMIC AND TECHNICAL PARADIGM SHIFTS IN MODERN BUSINESS PRACTICES	Shinki K Pandey
4	2:25-2:30 pm	230	AI AND ML IN E-COMMERCE: ENHANCING PRODUCT RECOMMENDATIONS AND SALES FORECASTING	Swagatika Panda
5	2:30- 2:35 pm	231	AI DRIVEN ADAPTIVE LEARNING PLATFORMS: REVOLUTIONIZING EDUCATION WITH PERSONALIZATION	Monika Aggarwal
6	2:35- 2:40 pm	232	ASSESSING THE IMPACT OF TECHNOLOGY – DRIVEN EDUCATION ON SOCIAL AND COGNITIVE SKILLS DEVELOPMENT	Deepali Singh
7	2:40- 2:45 pm	233	Securing 5G and Beyond Networks: A Survey on Beamforming Approaches for Physical Layer Security	Meghna Sharma
8	2:45- 2:50 pm	234	INFORMATION SIGNALLING THROUGH DIVIDEND ANNOUNCEMENTS: IMPACT ON STOCK MARKET PERFORMANCE	Vaishali Rana
9	2:50- 2:55 pm	235	QUANTITATIVE ANALYSIS: STOCK SPLIT ANNOUNCEMENTS AND THEIR INFLUENCE ON SHAREHOLDER WEALTH	Vaishali Rana
10	2:55- 3:00 pm	236	INTELLIGENT MODELLING FOR FINANCIAL MARKET RESPONSE TO CORPORATE ANNOUNCEMENTS	Vaishali Rana

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/8EU0jN4PQVKzOi0z5vHEIA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-4 (3:00-4:00 pm) IST, Room-A

Session Chairs:

1. Sammip Biradar, Lead Software Developer, Flow Inc, Pittsburgh, PA, USA
2. Sheetal Mavi, Dept. of Computer Science, Bharati College, University of Delhi, Delhi
3. Dr. Ravneet Singh Bhandari, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	3:00-3:10 pm	Session Keynote Speaker: Anjani kumar Polinati, Technical Lead, Primoris Systems, Wesley chapel, FL, USA		
1	3:10-3:15 pm	237	AUTOMATING ADMINISTRATIVE TASKS: EFFICIENCY AND ACCURACY THROUGH AI AND MACHINE LEARNING	Poonam Rajharia
2	3:15-3:20 pm	270	AI-ENABLED STRATEGIES FOR FUTURE-ENTERPRISES: INTERFACING LEGAL MANAGEMENT AND ENGINEERING SYSTEMS	Ishan Atrey
3	3:20-3:25 pm	271	AI AND LEGAL SAFEGUARDS FOR DOMESTIC WORKERS: BRIDGING HUMAN RIGHTS AND ENGINEERING INNOVATION	Shubhi Bhargava
4	3:25-3:30 pm	272	ARTIFICIAL INTELLIGENCE ASSISTANCE FOR LEVERAGING CRIMINAL INVESTIGATION WITH MONEY LAUNDERING	Riya Goel
5	3:30- 3:35 pm	273	AI TURBOCHARGING THE OFFENCE OF MONEY LAUNDERING	Riya Goel
6	3:35- 3:40 pm	275	RIGHT TO PRIVACY AND THE GROWING SCOPE OF ARTIFICIAL INTELLIGENCE	Rahul Gautam
7	3:40- 3:45 pm	276	DYNAMIC RESILIENCE MODELLING: MULTI AGENT SYSTEMS AND REAL-TIME SIMULATION FOR CLIMATE-ADAPTIVE SMART CITIES	Mayurkumar Prajapati
8	3:45- 3:50 pm	278	BROADCASTING SPORTS EVENTS IN INDIA: AN INTERPLAY OF ARTIFICIAL INTELLIGENCE, ENGINEERING AND SPORTS	Isha Dhanda
9	3:50- 3:55 pm			
10	3:55- 4:00 pm			

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/z2JOMkboQuiV6G-r110e1A>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-4 (3:00-4:00 pm) IST, Room-B

Session Chairs:

1. Amit Walia, Research Engineer/System Development Engineer, Amazon, Seattle, WA, USA
2. Dr. Bushra, Jagan Institute of Management Studies, Rohini, Delhi, India
3. Dr. Vivek Kumar, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	3:00-3:10 pm		Session Keynote Speaker: Chandra Sekhar Kubam, Integration Architect, Miracle Software Systems Inc, Dallas, Texas, USA Session Keynote Speaker: Ravi Teja Balla, Senior Oracle PaaS Developer, ABM Industries Inc., Dallas, TX, USA	
1	3:10-3:15 pm	281	INNOVATION WITH ETHICAL AI STRATEGIES TO PREVENT GENDER-BASED VIOLENCE BASED ON INTELLIGENT MODELLING	Anjali Dixit
2	3:15-3:20 pm	283	ANALYTICAL REVIEW ON GENDERED EXPLOITATION OF AGRICULTURAL LAWS MISUSE BY WOMEN IN INDIA	Pankaj
3	3:20-3:25 pm	284	BLOCKCHAIN BASED SECURITY MEASURES FOR REDEFINING FINANCIAL MANAGEMENT STRATEGIES	Anjali Kale
4	3:25-3:30 pm	285	ENGINEERING AI FOR CONTRACT ANALYSIS AND DRAFTING EFFICIENCY FOR ACCURACY IN LEGAL WORKFLOWS	Bhavana Sharma
5	3:30- 3:35 pm	286	AI APPLICATIONS IN HEALTHCARE EDUCATION SECURITY AND SMART CITIES	Mohammad Ahmar Khan
6	3:35- 3:40 pm	120	Intelligent Transport Systems: Employing Wireless Sensor Networks for Smart Vehicle Communication	Neeraj Varshney
7	3:40- 3:45 pm	126	Leveraging Blockchain Technology to Ensure Data Integrity in Wireless Sensor Networks	Santosh Kumar
8	3:45- 3:50 pm	129	Nano-Networks: Exploring the Role of Nanotechnology in Future Wireless Communication Systems	Ankita Nainwal
9	3:55- 3:50 pm			
10	3:55- 4:00 pm			

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/P02TvXIPQE-0AJ7ERipJGA>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-4 (3:00-4:00 pm) IST, Room-C

Session Chairs:

1. Sunil Kumar Suvvari, Agile Delivery Lead/ Digital Accessibility Advocate, Bank of America, Texas, USA

2. Dr. Jasmine Kaur, School of Business and Management, Christ University, India

3. Prof. Namita Sahay, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	3:00-3:10 pm	Session Keynote Speaker: Venkata Ramachandra karthik Chundi, Staff Software engineer, Atlanta, USA Session Keynote Speaker: Rajender Pellreddy, Enterprise Architect, Dominion Energy, Richmond, Virginia, USA		
1	3:10-3:15 pm	135	Machine Learning Approaches for Predictive Maintenance in Wireless Sensor Networks	Shailesh Kumar
2	3:15-3:20 pm	138	The Role of Artificial Intelligence in Optimizing Routing Protocols for Wireless Sensor Networks	Kassem Al-Attabi
3	3:20-3:25 pm	142	Enhancing Agricultural Productivity Through the Application of Wireless Sensor Network Technologies	Lingarasu Kittusamy
4	3:25-3:30 pm	145	Enhancing IoT Ecosystems with Adaptive Wireless Sensor Networks: Challenges and Solutions	Mohammed Al-Farouni
5	3:30- 3:35 pm	72	Computational Engineering Through Financing In Corporate Social Responsibility - A Bibliometric Analysis	J. PAVITHRA
6	3:35- 3:40 pm	73	FACTORS INFLUENCING TECHNOLOGICAL ADAPTABILITY TOWARDS AI BASED TEACHING-LEARNING AND EVALUATION PROCESS	KAMATCHI A
7	3:40- 3:45 pm	74	TECHNOLOGICAL EFFECT OF AI IN MANAGEMENT EDUCATION TOWARDS PRACTICES IN BUSINESS SCHOOLS	KANCHANA P
8	3:45- 3:50 pm	75	ANALYTICAL ONLINE REVIEW ON WORKLIFE BALANCE AND WELL-BEING AMONG FEMALE SCHOOL TEACHERS	C.RAMAIYAN
9	3:50- 3:55 pm			
10	3:55- 4:00 pm			

ONLINE SESSION: HYBRID MODE

Zoom link: https://amity-edu.zoom.us/meeting/register/E_hHN9jGQuacvZelcwn1IQ

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-4 (3:00-4:00 pm) IST, Room-D

Session Chairs:

1. Sreedhar Pamidiparthi, VP, Director- Technical Architecture, Pikestreet Labs, WaFd Bank, Redmond, WA, USA
2. Dr. Mohammed Shahid Irshad, ASMOC, SVKM's NMIMS Deemed to be University, Mumbai, Ind
3. Dr. Rashmi Maini, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	3:00-3:10 pm		Session Keynote Speaker: Sapthagiri Padmanabham, Lead System Architect, JP Morgan Chase, Plano, TX, USA Session Keynote Speaker: Manish Kumar, SAP Product Owner, Toyota Motor North America, Houston, Texas, USA	
1	3:10-3:15 pm	78	AI BASED ENGINEERING FRAMEWORK ADDRESSING CUSTOMERS ISSUES ON PURCHASING ORGANIC PRODUCTS	Tamilarasu.M
2	3:15-3:20 pm	79	ENGINEERING THE NURTURING DIVERSITY, CHAMPIONING EQUITY, AND CULTIVATING INCLUSION FOR TRANSFORMATIVE CHANGE	PREETHA M
3	3:20-3:25 pm	80	PREDICTION OF EMOTIONAL INTELLIGENCE OF IT EMPLOYEES WITH GREEN ENGINEERING TOOLS	Z. SAYEEDHA FIRDOUSE
4	3:25-3:30 pm	81	AI Approach for Classification and Recommendation of Education Data mining using Hybrid Deep Learning	Mukul V. Khasne
5	3:30- 3:35 pm	82	DIGITAL LEADERSHIP IN THE ERA OF AI: DYNAMIC FACIAL AUTHENTICATION	Anurag Shrivastava
6	3:35- 3:40 pm	83	AI-POWERED STRATEGIES FOR SENTIMENT ANALYSIS TACKLING MARKET VOLATILITY	Anurag Shrivastava
7	3:40- 3:45 pm	292	Cross-Market Herding Between Derivatives and Cryptocurrencies: Evidence of Behavioural Spillovers	Ms. Soujanya L
8	3:45- 3:50 pm			
9	3:50- 3:55 pm			
10	3:55- 4:00 pm			

ONLINE SESSION: HYBRID MODE

Zoom link: <https://amity-edu.zoom.us/meeting/register/fvCzc51JSee0BudkJsbnUw>

Venue: Western Sydney University, Paramatta Campus South
IEEE AUSTRALIA (SYDNEY)

Slot-4 (3:00-4:00 pm) IST, Room-E

Session Chairs:

1. Pratyay Banerjee, Senior DevOps and MLOps Engineer, Fidelity Solutions, Dallas, TX, USA
2. Dr. Shiwani Tiwari, GITAM University, Bengaluru, Karnataka, India
3. Dr. Nazia Hasan, Institute of Management, Uttaranchal University, Dehradun Uttarakhand, Ind
4. Dr. Nikhil Kaushik, AIBS, Amity University, Noida, India

S. NO.	Time	Paper ID	Paper Title	Paper Presenter
	3:00-3:10 pm	Session Keynote Speaker: Srinivas Maddela, Principal Sas Analyst, Saeits Inc, Texas, USA		
1	3:10-3:15 pm	76	COMPUTATIONAL ENGINEERING ON INVESTIGATING AND VALIDATING JOB DEMANDS ON ORGANISATIONAL COMMITMENT	LOVELY JOSEPH PULLOKARAN
2	3:15-3:20 pm	77	TRANSFORMER-BASED SENSATIONAL FRAMEWORK FOR REAL-TIME MISINFORMATION DETECTION WITH SOCIAL MEDIA	MANISHA
3	3:20-3:25 pm	131	Optimizing Energy Harvesting Techniques for Sustainable Wireless Sensor Networks	Kanchan Yadav
4	3:25-3:30 pm	132	Ubiquitous Computing and the Integration of Wireless Sensor Networks in Everyday Devices	Shailesh Kumar
5	3:30- 3:35 pm	279	ENGINEERING THE TECHNOLOGICAL DIGITAL DANGER: RISING THREAT OF CYBER CRIMES AGAINST WOMEN	Suraj Mandhan
6	3:35- 3:40 pm	280	AI ARBITRATORS: POSSIBILITY OR DYSTOPIA? AN ASSESSMENT OF LEGAL EXPEDIENCE AND ETHICAL QUANDARY	Nayanika Jain
7	3:40- 3:45 pm			
8	3:45- 3:50 pm			
9	3:50- 3:55 pm			
10	3:55- 4:00 pm			