International Conference on
Interdisciplinary Research in Technology and Management

Vigyan Gurjari
Gujarat Chapter of Vijnana Bharati

Vivekananda Vijnan Mission,
West Bengal Chapter of Vijnana Bharati

**IRTM 2025: International Conference On
"Interdisciplinary Research in
Technology & Management"
19th-21st November 2025, IIT Gandhinagar, India**

TECHNICAL PROGRAM SCHEDULE

INSTITUTE OF ENGINEERING & MANAGEMENT
Good Education, Good Jobs

UNIVERSITY OF ENGINEERING & MANAGEMENT
Good Education, Good Jobs

**All timings given in Indian Standard Time (IST)

TECHNICAL SCHEDULE: CONTENT

Physical Location for Inaugural ceremony & valedictory session: Room No. 313 , Research park, IIT Gandhinagar

Physical Location for award distribution ceremony: Room number 201, IIT Gandhinagar Campus

Inaugural ceremony, award distribution ceremony, Keynote & valedictory session online link:

DAY	EVENT DETAILS	TIMING
DAY 1 **(19th November 2025)**	**Registration & Breakfast**	09:30 AM-10:00 AM
	INAUGURATION:	10:00 AM-10:30 AM
	• **Introduction by Prof. Sanghamitra Poddar, Institute of Engineering & Management, Kolkata, India, Convener, IRTM 2025**	10:00 AM- 10:05 AM
	• **Address by Prof. Satyajit Chakrabarti, Director, IEM**	10:05 AM-10:15 AM
	• **Address by Mr. Sreeprasad M Kuttan, Kshetriya Sangadan Mantri, Vijnana Bharati- Paschim Kshetra and Samyojak - Arab Countries**	10:15 AM-10:20 AM
	• **Address by Prof. Malay Gangopadhyay, Institute of Engineering & Management, Kolkata, India, Convener, IRTM 2025**	10:20 AM-10:25 AM
	• **Address by Prof. R. M. Chauhan, Vice Chancellor, Sardarkrushinagar Dantiwada Agricultural University**	10:25 AM-10:30 AM
	• **KEYNOTE SPEAKER 1: Prof. Tarun Jain, RBI Chair Professor, IIM Ahmedabad (Keynote Address: 30mins, Q&A: 10min (Location: Room No. 313 , Research park, IIT Gandhinagar)**	10:30 AM-11:15 AM
	• **Networking Session**	11:15 AM-11:30 AM
	• **KEYNOTE SPEAKER 2: Prof. Shailendra Saraf, Director, National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad (Location : Room number 201, IIT Gandhinagar Campus)**	11:30 AM- 12:00 AM
	• **Distinguished Global Award Ceremony:: Chaired by Chief Guest: Sri Arjunbhai Devabhai Modhwadia, Minister of Forests and Environment, Climate Change, Science and Technology , Govt. of Gujarat (Location : Room number 201, IIT Gandhinagar Campus)** • **Award recipient:** ➢ **Prof. Rajat Moona, Director,IIT, Gandhinagar** ➢ **Prof. Shailendra Saraf, Director, National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad** ➢ **Prof. Chaitanya G. Joshi, Former Director,Gujarat Biotechnology Research Centre & President- Vigyan Gurjari Gujarat Chapter Of Vijnana Bharati** ➢ **Prof. R. C. Patel, Vice Chancellor, Indian Institute of Teacher Education** ➢ **Prof. Rajul K. Gajjar, Vice Chancellor,Gujarat Technological University** ➢ **Prof. R. M. Chauhan, Vice Chancellor, Sardarkrushinagar Dantiwada Agricultural University** ➢ **Prof. Devika P. Madalli, Director, INFLIBNET, Professor, ISI, Bangalore** ➢ **Mr. D S Olakiya, Head GPRD CELL GUVNL & Superintending Engineer(R&D)**	12:00 PM -01:00 PM
	Lunch	01:00 PM-02:00 PM
	Parallel Session 1 (Session 1-4)	02:00 PM- 04:00 PM
	Tea & Networking Session	04:00 PM- 04:30 PM
DAY 2 **(20th November 2025)**	**Registration & Breakfast**	09:00 AM-09:30 AM
	KEYNOTE SPEAKER 3: Prof. Subhadip Roy, Professor, Indian Institute of Management, Ahmedabad, India (Keynote Address: 30mins, Q&A: 10mins)	09:30 AM-10:15AM
	Parallel Session 1 (Session 5-8)	10:30 AM-12:45 PM
	Lunch	01:00 PM-02:00 PM

**All timings given in Indian Standard Time (IST)

	Parallel Session 2 (Session 9-12)	02:00 PM- 04:00 PM
	Tea & Networking Session	04:00 PM- 04:30 PM

DAY	EVENT DETAILS	TIMING
DAY 3 (21st November 2025)	**Registration & Breakfast**	09:00 AM-09:30 AM
	KEYNOTE SPEAKER 4: Dr. Naran M. Pindoriya, Professor, Electrical Engineering, IIT Gandhinagar(Keynote Address: 30mins, Q&A: 10mins)	09:30 AM-10:15AM
	Valedictory Session and conference award ceremony	10:30 AM-12:00 PM
	Lunch	12:00 PM-01:00 PM

**All timings given in Indian Standard Time (IST)

Day 1: PARALLEL SESSIONS:1

<table>
<tr><td colspan="4">SESSION 1:: Internet of Things (IoT) & Data Science</td></tr>
<tr><td colspan="4">SESSION CHAIR: Dr. Subhabrata Banerjee, Prof. Amit Kumar Das ,IEM, Kolkata</td></tr>
<tr><td colspan="4">SESSION TIME: 02:00 PM- 04:00 PM</td></tr>
<tr><td colspan="4">PARTICIPATION LINK:
Physical location Room No. 311 , Research park, IIT Gandhinagar</td></tr>
<tr><td>TIME ALLOTTED</td><td>PAPER ID</td><td>PAPER NAME</td><td>AUTHORS WITH AFFILIATION & COUNTRY</td></tr>
<tr><td>02:00 PM- 02:15 PM</td><td>1571193901</td><td>Precision Sugarcane Farming Using Numeric IoT Sensor Data: An Irrigation and Yield Prediction Approach</td><td>Kunal Devidas Gaikwad (SRM Institute of Science and Technology, India); Sankara Narayanan S (SRM Institute of Science & Technology, Kattankulatur Chennai, India)</td></tr>
<tr><td>02:15 PM- 02:30 PM</td><td>1571197811</td><td>Leveraging Blockchain Technology to Enhance Digital Identity Verification and Privacy in Online Education Platforms</td><td>Yogesh Sharma and Nisha Aggarwal (Maharaja Agrasen Institute of Technology, India)</td></tr>
<tr><td>02:30 PM- 02:45 PM</td><td>1571204011</td><td>IoT Based Wearable Safety Bracelet for Real-Life Health Monitoring and Emergency Alerting</td><td>Ipsita Dutta (Institute of Engineering and Management, Kolkata, India); Diptyanil Basak, Amlan Das and Mohini Ghosh (Institute of Engineering and Management, India); Kajari Sur (University of Engineering and Management, India); Avijit Bose (Institute of Engineering and Management, India)</td></tr>
<tr><td>02:45 PM- 03:00 PM</td><td>1571204187</td><td>Strategies for Protecting Non-IP Based Serial Industrial Networks in Cyber-Physical Systems</td><td>Chithra N B and Ashwini KB (RV College of Engineering, India)</td></tr>
<tr><td>03:00 PM- 03:15 PM</td><td>1571204330</td><td>AI Powered Surveillance Car and Obstacle Avoidance Using ESP32-CAM Module</td><td>Payel Barui (Institute of Engineering and Management, India)</td></tr>
<tr><td>03:15 PM- 03:30 PM</td><td>1571211733</td><td>Analysis and Detection of Wind Turbine Blade Performance Using Machine Learning Algorithm</td><td>Apaar Bhatnagar and Sanjay Patidar (Delhi Technological University, India)</td></tr>
<tr><td>03:30 PM- 03:45 PM</td><td>1571212686</td><td>Blockchain Driven Land Governance in India</td><td>Sourav Chakraborty (Imperial College London, United Kingdom (Great Britain)); Debarshi Bhattacharya (Heritage Institute of Technology, Kolkata, India); Somsurya Banerjee and Shoubhik Saha (Jadavpur University, India); Bikash Kundu (NIT DURGAPUR, India); Abhishek Kumar Jha (NIT Durgapur, India)</td></tr>
<tr><td>03:45 PM- 04:00 PM</td><td>1571212707</td><td>A Review on Digital Dining in Bengaluru's Restaurant Operations</td><td>Bhumika Raghunath and Thashneem Thaqseen Bhanu (PES University, India)</td></tr>
</table>

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Day 1: PARALLEL SESSIONS:1

		SESSION 2:: Information Technology	
		SESSION CHAIR: Dr. Gobinda Sen, Prof. Sutapa Ray Adhikary,IEM, Kolkata	
		SESSION TIME: 02:00 PM- 04:00 PM	
		PARTICIPATION LINK: Physical location Room No. 312 , Research park, IIT Gandhinagar	
TIME ALLOTTED	**PAPER ID**	**PAPER NAME**	**AUTHORS WITH AFFILIATION & COUNTRY**
02:00 PM- 02:15 PM	1571218616	Development of a Mechatronic Control System for Pulsed Power Supply in Electro Chemical Discharge Machining of Ceramics	Layatitdev Das (University of State, India & VSSUT Burla, India); Siba Mahapatra (NIT Rourkela India, India); Jayadev Rana (VSSUT Burla, India)
02:15 PM- 02:30 PM	1571204323	Synthesising Ancient Wisdom and Artificial Intelligence: A Critical Study of AI- Driven Vedic Predictive Systems	Aditya Negi (Central University of Jammu, India); Sakshi Negi (Uttaranchal University, India); Nagendar Yamsani (SR UNIVERSITY, India); Ritu Baluni (Uttaranchal University, India); Siddharth Swami (Doon University, India); Rajesh Singh (Uttaranchal University, Dehradun, India)
02:30 PM- 02:45 PM	1571204304	Measuring the Impact of Analytics-Driven Multi-Channel Campaigns in Promoting Industry 4.0 Solutions	Preeti Sharma and Devarshi Kokate (Symbiosis Institute of Business Management, Nagpur, India)
02:45 PM- 03:00 PM	1571205881	Understanding Hidden Patterns in India PM 2.5 Data: A Multi-Scale Time Series Analysis	Mrinmoy Chakraborty (B. C. Roy Engineering College, India); Abhijit Banerjee (Dr B C Roy Engineering College, India); Anirban Chattopadhyay (Dr B. C. Roy Engineering College, India)
03:00 PM- 03:15 PM	1571208973	Classification of Tampered Images Using Convolutional Neural Network	Francis G. Balazon (Batangas State University Lipa, Philippines); Marck Jasper Isleta, Christian Jedryc Villanueva and Bea Patrica Pasahol (Batangas State University, Philippines)
03:15 PM- 03:30 PM	1571210833	Explainable Data Mining for Decision Support in Healthcare Analytics	Chitiz Tayal (Axtria, USA); Jiya Tayal (University of Massachusetts Amherst, USA); Sammip Biradar and Tejal Ghuge (Suzy Inc, USA)
03:30 PM- 03:45 PM	1571199719	A Multimodal User Authentication System: Integrating Keystroke Dynamics & Facial Recognition	Rounak Saha (University of Calcutta, India); Sourav Mandal and Anwesa Nandy (Institute of Engineering & Management, Kolkata, India)
03:45 PM- 04:00 PM	1571211702	Sentiment Analysis of CEO Speeches from Selected Tech Companies	Triveni P (M S Ramaiah Institute of Management, India)

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Day 1: PARALLEL SESSIONS:1

SESSION 3:: General Management			
SESSION CHAIR: Dr. Indranil Maity, Prof. Sanjay Chatterjee, IEM, Kolkata			
SESSION TIME: 02:00 PM- 03:15 PM			
PARTICIPATION LINK: Physical location Room No. 313 , Research park, IIT Gandhinagar			
TIME ALLOTTED	**PAPER ID**	**PAPER NAME**	**AUTHORS WITH AFFILIATION & COUNTRY**
02:00 PM- 02:15 PM	1571219892	Impact of Employee Welfare and Reward Systems on Job Satisfaction: A Study in the Indian Service Sector	Anukool Manish Hyde (Prestige Institute of Management and Research, Indore MP, India); Himanshu Shekhar (Prestige Institute of Management and Research, Indore, India)
02:15 PM- 02:30 PM	1571222967	Unified Payments Interface Expansion in India: A Longitudinal Analysis of Transaction Growth and Institutional Performance Heterogeneity	Shreya Basu (West Bengal State University & SCOTTISH CHURCH COLLEGE, India)
02:30 PM- 02:45 PM	1571225172	Adapting Communication Skills Training to Changing Digital Assessment Technologies: A Case Study of Post-COVID Campus Hiring in Engineering Education in India	Kaish Q Khan (KIIT University, India)
02:45 PM- 03:00 PM	1571222964	Factors Influencing the Adoption of the Zomato Food Delivery App in India	Satnam Kaur Ubeja (Prestige Institute of Management and Research, Indore, India); Anukool Manish Hyde (Prestige Institute of Management and Research, Indore MP, India); Manisha Singhai (Prestige Institute of Management and Research, India); Iris Kujur (Prestige Institute of Management and Research, Indore, India)
03:00 PM- 03:15 PM	1571217672	Risks of Hidden Advertisements by ChatGPT	Shahriar Khan (Independent University, Bangladesh)

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Day 1: PARALLEL SESSIONS:1

SESSION 4:: Artificial Intelligence			
SESSION CHAIR: Dr. Udit Chawla, Dr. Sayan Sarkar, Prof. Aparna Biswas, IEM, Kolkata			
SESSION TIME: 02:00 PM- 04:00 PM			
PARTICIPATION LINK: **Physical location Room No. 314 , Research park, IIT Gandhinagar**			
TIME ALLOTTED	**PAPER ID**	**PAPER NAME**	**AUTHORS WITH AFFILIATION & COUNTRY**
02:00 PM- 02:15 PM	1571195874	LLM Driven Detection and Filtration of Abuse on Reddit: A Gemini Powered Approach	Anuran De and Samya Dutta (Institute of Engineering and Management, Kolkata, India); Bavrabi Ghosh (Institute of Engineering & Management, India)
02:15 PM- 02:30 PM	1571198901	Analysis of Spanish-Hindi Video Transcripts Using Machine Translation	Kaushani Datta and Shrestha Ghosh (Institute of Engineering & Management, India); Akashdip Mazumder (Institute of Engineering and Management, Kolkata, India); Bavrabi Ghosh (Institute of Engineering & Management, India)
02:30 PM- 02:45 PM	1571199333	Transforming Financial Management Through Artificial Intelligence and Predictive Analytics	Yojna Bansal (Plekhanov University in Dubai, United Arab Emirates); Seema Gupta Bhol (KIIT University, India); Shahra Jafar (Curtin University, Dubai, United Arab Emirates); Shipra Jindal (Sunstone School of Management, India)
02:45 PM- 03:00 PM	1571199833	Enhancing Remote Sensing Image Classification with a Hybrid Quantum-Classical Neural Network	Ishika Dutta, Preena Das, Tanisha Debnath and Tania Ray (Institute of Engineering and Management, India); Anindita Das Bhattacharjee (Institute of Engineering and Management, Kolkata, India)
03:00 PM- 03:15 PM	1571199867	Strategic Approach to Make a Roadmap for Use of AI in Aeroengine Maintenance in the Indian Armed Forces	Prithviraj Singh Chouhan, Rounav Pal and Amrita Nighojkar (Defence Institute of Advanced Technology, India)
03:15 PM- 03:30 PM	1571199896	Artificial Intelligence for Intelligent Forecasting in Project Time Estimation	Yamuna SV (DIAT, India); Rounav Pal and Amrita Nighojkar (Defence Institute of Advanced Technology, India)
03:30 PM- 03:45 PM	1571203605	RailMitra: A Multilingual Voice-Based Railway Assistance System	Ashutosh Kumar (Institute of Engineering and Management, Kolkata, India); Amitabha Ganguly (Institute of Engineering and Management, India); Bavrabi Ghosh (Institute of Engineering & Management, India)
03:45 PM- 04:00 PM	1571218389	AI Surpasses Humans in Songs and Music: A Revolution in the Music Industry, and Another Step past "Singularity"	Shahriar Khan (Independent University, Bangladesh)

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Day 2: PARALLEL SESSIONS:1

<table>
<tr><td colspan="4">SESSION 5:: Internet of Things (IoT) & Data Science</td></tr>
<tr><td colspan="4">SESSION CHAIR: Prof. Srijita Chakraborty, Dr. Sutanu Ghosh, Dr. Monali Das, IEM, Kolkata</td></tr>
<tr><td colspan="4">SESSION TIME: 10:30 AM-12:45 PM</td></tr>
<tr><td colspan="4">PARTICIPATION LINK:
Physical location Room No. 311 , Research park, IIT Gandhinagar</td></tr>
<tr><td>TIME ALLOTTED</td><td>PAPER ID</td><td>PAPER NAME</td><td>AUTHORS WITH AFFILIATION & COUNTRY</td></tr>
<tr><td>10:30 AM-10:45 AM</td><td>1571218515</td><td>Smart Hospital Infrastructure: Integrating IoT, AI, and Digital Health for Next-Generation Patient Care</td><td>Ashok Morsu (ThermoFisher, USA); Sharat Kumar Ragunayakula (Delaware First Health, USA); Sanjay Kumar Polampally (Pharma, USA); Hari Gonaygunta (University of the Cumberlands, USA)</td></tr>
<tr><td>10:45 AM-11:00 AM</td><td>1571219208</td><td>Adaptive Beamforming in RIS-Aided MISO Systems Using Discounted-UCB Evolutionary Strategy</td><td>Abhijit Banerjee (Dr B C Roy Engineering College, India); Mrinmoy Chakraborty (B C Roy Engineering College, India); Anirban Chattopadhyay (Dr B. C. Roy Engineering College, Durgapur, India); Arpan Mukherjee and Sudip Ghosh (Dr B C Roy Engineering College, India)</td></tr>
<tr><td>11:00 AM-11:15 AM</td><td>1571219210</td><td>Low Cost Sensors Integrated Disease Diagnose and Remote Consultation System</td><td>Thivyabrabha (Department Biomedical Engineering,Nandha Engineering College,Erode,India.); Lalitha Krishnasamy (Nandha Engineering College, Erode, India)</td></tr>
<tr><td>11:15 AM-11:30 AM</td><td>1571219211</td><td>IoT-Enabled Real-Time Respiratory Health Monitoring System Using Smart Sensors</td><td>Saranya (Nandha Engineering College); Lalitha Krishnasamy (Nandha Engineering College, India)</td></tr>
<tr><td>11:30 AM-11:45 AM</td><td>1571219305</td><td>AI-Integrated Vending Machine for Automated Initial Healthcare Assessment and Medication Dispensing</td><td>Guhan Dhandapani (Anna University, India); Alamelu Manghai T M, Manothini P, KavinRaj R, Siddaeshwar K and MadhanKumar K (Nandha Engineering College, India)</td></tr>
<tr><td>11:45 AM-12:00 PM</td><td>1571219312</td><td>Intelligent System for Road Safety and Rapid Emergency Response</td><td>Alamelu Manghai T M, KavinRaj R, Manothini P, Elavarasan B, Praveen S and Rupesh S Nair (Nandha Engineering College, India)</td></tr>
<tr><td>12:00 PM-12:15 PM</td><td>1571204006</td><td>Thermodynamic Model to Evaluate the Efficiency and Economic Benefit of a Two Spool Engine</td><td>Rahul Basu (VTU & JNTU, India)</td></tr>
<tr><td>12:15 PM-12:30 PM</td><td>1571216460</td><td>Future Industrial Automation Trends in Energy Efficiency by Bridging the Gaps in PROFIenergy Integration Through Real-Time Learning Models</td><td>Rongeet Talukdar (Arcelormittal, India)</td></tr>
<tr><td>12:30 PM-12:45 PM</td><td>1571218723</td><td>Quantum-Enhanced Adversarial Defense: A Hybrid Machine Learning Framework for Post-Quantum Cybersecurity</td><td>Sumanth Banakar (University of the Cumberlands, USA); Jaya Madhava Sai Teja Kosireddy (Campbellsville University, USA); Justin Davis (Castlight Health, USA); Venkatesh Ankarla Sri Ramuloo (University of the Cumberlands, USA); Elyson A De La Cruz (University of the Cumberlands, USA & Imagine Believe Realize LLC, USA); Karthik Meduri (University of the Cumberlands, USA)</td></tr>
</table>

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Day 2: PARALLEL SESSIONS:1

		SESSION 6:: Artificial Intelligence	
		SESSION CHAIR: Dr. Dipak Saha, Dr. Indranil Maity, Prof. Sanjay Chatterjee, IEM, Kolkata	
		SESSION TIME: 10:30 AM-12:45 PM	
		PARTICIPATION LINK: Physical location Room No. 312 , Research park, IIT Gandhinagar	
TIME ALLOTTED	**PAPER ID**	**PAPER NAME**	**AUTHORS WITH AFFILIATION & COUNTRY**
10:30 AM-10:45 AM	1571204313	Model Context Protocol (MCP) in Quantitative Finance: Optimizing AI Agent Workflows and Innovations	Agnik Sarkar (Institute of Engineering and Management, India)
10:45 AM-11:00 AM	1571204416	CHEF-AI: Culinary Health Enhancement Framework with Ingredient-Aware Personalization	Tirthanka Saha, Rajdeep Ghosh and Tirtha Dutta (Institute of Engineering & Management, Kolkata, India); Rounak Saha (University of Calcutta, India)
11:00 AM-11:15 AM	1571204422	AI Agent-Based Framework for Predicting Hiring Trends in Fund-Raised Startups	Shubhasri Roy (IEM, India); Soma Das (Institute of Engineering & Management, India); Swastik Chattopadhyay (IEM KOLKATA, India); Ankit Kumar Sharma (Institute of Engineering & Management Kolkata, India)
11:15 AM-11:30 AM	1571210325	AI Powered Risk Management Chatbot for Intelligent Project Governance: A Modular Multi Agent System	Raunak Roy, Soujash Maitra and Avrajit Kundu (Institute of Engineering and Management, Kolkata, India); Amitabha Ganguly (Institute of Engineering and Management, India); Shuvro Dey (IEM, India); Rakesh Das (Institute of Engineering and Management, Kolkata, India)
11:30 AM-11:45 AM	1571210950	Farmacy: A Farmers AI-Powered Plant & Animal Disease Diagnostic Porta	Venkataramana Battula, Anupama Meduri, T Lakshmi, Botta Varun Kumar, Punna Vigneshwar and Bathina Yoga Venkata Siva Teja (MVSR Engineering College, India)
11:45 AM-12:00 PM	1571211222	A Comparative Survey of TINYML Frameworks for Identifying the Optimal End-to-End Platform	Mridula Tewari (R V College of Engineering, Bengaluru, India); Andhe Dharani (R. V. College of Engineering, India); Hema KC (The Oxford College of Engineering, India)
12:00 PM-12:15 PM	1571211758	Deep Learning Techniques for Medical Image Segmentation: A Survey	Saptarshi Saha, Amitabha Ganguly and Sakib Akhtar (Institute of Engineering and Management, India); Rohit Yadav and Subhabrata Banerjee (Institute of Engineering and Management Kolkata, India)
12:15 PM-12:30 PM	1571223134	Comparative Analysis of Modern Searchable Encryption Algorithms: Security, Performance, and Deployability	Sharvari Korekar (Narsee Monjee Institute of Management Studies, India); Nnisarg Gada and Siddhesh Lakhani (Mukesh Patel School of Technology, Management and Engineering, India)
12:30 PM-12:45 PM	1571201702	Semicon India 2021 and Beyond: A Strategic Policy Analysis for Defence and Space Technology Leadership	Pradeep Kumar (RCI, DRDO, HYDERABAD, India); Amrita Nighojkar (Defence Institute of Advanced Technology, India); Bandi Ram (India)

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Day 2: PARALLEL SESSIONS:1

		SESSION 7:: Artificial Intelligence	
		SESSION CHAIR: Dr. Rintu Kumar Gayen, Prof. Samit Karmakar, IEM, Kolkata	
		SESSION TIME: 10:30 AM-12:45 PM	
		PARTICIPATION LINK: Physical location Room No. 313 , Research park, IIT Gandhinagar	
TIME ALLOTTED	**PAPER ID**	**PAPER NAME**	**AUTHORS WITH AFFILIATION & COUNTRY**
10:30 AM-10:45 AM	1571211766	An Enhanced Attention-Based U-Net for Segmenting Liver Tumours in CT Scans	Saptarshi Saha (Institute of Engineering and Management, India); Subhabrata Banerjee and Rohit Yadav (Institute of Engineering and Management Kolkata, India); Amitabha Ganguly and Sakib Akhtar (Institute of Engineering and Management, India)
10:45 AM-11:00 AM	1571218503	ClinicalGPT: Experimental Evaluation of a Domain-Specific Large Language Model on Electronic Health Records (EHRs)	Sharat Kumar Ragunayakula (Delaware First Health, USA); Sanjay Kumar Polampally (Pharma, USA); Ashok Morsu (ThermoFisher, USA); Geeta Sandeep Nadella (University of the Cumberlands, USA)
11:00 AM-11:15 AM	1571219371	A Deep Learning-Based Multi-Modal anti-Spoofing Framework for Secure Voice Biometrics Authentication	Jash Upadhyay, Kavish Panchal and Abhishek Tripathi (Narsee Monjee Institute of Management Studies, India); Hiral Modi (SVKM's NMIMS Mukesh Patel School of Technology Management and Engineering, India)
11:15 AM-11:30 AM	1571219530	Harnessing Machine Learning for Early Breast Cancer Diagnosis	Kothai G, Pandiya Rajan G, Harish P and Vidhya S (KPR Institute of Engineering and Technology, India)
11:30 AM-11:45 AM	1571220143	Comparative Analysis of Deep Learning Architectures for Remaining Useful Life Prediction on the C-MAPSS Dataset	Pranav Kini (Mukesh Patel School of Technology Management and Engineering Mumbai India, India); Zeeshan Charolia and Neel Mhatre (Mukesh Patel School of Technology Management and Engineering, Mumbai, India); Abhay Kolhe (Assistant Professor, India)
11:45 AM-12:00 PM	1571220380	The Privacy Mirror: Revealing What EdTech Systems Can Infer About You	Riya Bhattacharya, Precious Sukhi, Priya Bhatnagar and Payal Mishra (Mukesh Patel School of Technology Management & Engineering, SVKM's NMIMS, India)
12:00 PM-12:15 PM	1571222166	Emergent Cultural Dynamics in Agent-Based Systems Through Evolutionary Language Models: A Conceptual Framework for Modeling Sociocultural Evolution via LLM-Guided Simulation	Divyansh Agrawal (Mukesh Patel School of Technology Management and Engineering); Diviyaj Bellare (Mukesh Patel School of Technology Management and Engineering, India); Vedansh Paliwal (Mukesh Patel School of Technology, Management and Engineering, India); Abhay Kolhe (Mukesh Patel School of Technology Management and Engineering)
12:15 PM-12:30 PM	1571223952	The Transformative Role of Large Language Models in Enhancing Self-Learning Across Educational Levels: A Comprehensive Reviews	Kunal Raj, Nishtha, Alok Kumar Yadav, Savreena Kaushal, Deepak Kumar Singh and Vishal Pandit (Chandigarh University, India)
12:30 PM-12:45 PM	1571204398	The Development of an Adaptive Self-Management System for a Competitive Agent Based on Reinforcement Learning	Artem Azhdarian, Sofya Lyapunova and Parsa Almasizadeh (Moscow Institute of Electronics and Mathematics the National Research University, Russia); Maria Monina (Limited Liability Company Rostelecom Information Technologies, Russia)

**All timings given in Indian Standard Time (IST)

Day 2: PARALLEL SESSIONS:1

<table>
<tr><td colspan="4" align="center">SESSION 8:: Lifestyle and Public Management</td></tr>
<tr><td colspan="4" align="center">SESSION CHAIR: Dr. Murari Shaw, Prof. Soumik Kumar Kundu, IEM, Kolkata</td></tr>
<tr><td colspan="4" align="center">SESSION TIME: 10:30 AM-12:30 PM</td></tr>
<tr><td colspan="4" align="center">PARTICIPATION LINK:
Physical location Room No. 314 , Research park, IIT Gandhinagar</td></tr>
<tr><td>TIME ALLOTTED</td><td>PAPER ID</td><td>PAPER NAME</td><td>AUTHORS WITH AFFILIATION & COUNTRY</td></tr>
<tr><td>10:30 AM-10:45 AM</td><td>1571205042</td><td>Investor Decision-Making in Wealth Management: The Impact of Economic Indicators</td><td>Venkat Kaushik Josyula (Institute of Public Enterprise, Hyderabad, India); Bhavana K Raj (Institute of Public Enterprise Hyderabad India, India)</td></tr>
<tr><td>10:45 AM-11:00 AM</td><td>1571213888</td><td>Secure eVoting Systems Using Biometric Authentication</td><td>Sourav Chakraborty (Imperial College London, United Kingdom (Great Britain)); Debjeet Banerjee (Makaut & Cibertix Technology, India); Debarshi Bhattacharya (Heritage Institute of Technology, Kolkata, India)</td></tr>
<tr><td>11:00 AM-11:15 AM</td><td>1571203935</td><td>Uncovering Growth Patterns and Disruptions in Airport Traffic Through Machine Learning</td><td>Sreedeep Dey (Institute of Engineering & Management, India); Sridatri Purakait (Institute of Engineering and Management, Kolkata, India)</td></tr>
<tr><td>11:15 AM-11:30 AM</td><td>1571219656</td><td>An Analysis of Operational and Consumer Factors in the Evolution of Medium-Sized Food Outlets</td><td>Sohan Immedi, Smruti Subramanian, Sharaangi Gowda and Thashneem T Bhanu (PES University, India)</td></tr>
<tr><td>11:30 AM-11:45 AM</td><td>1571204324</td><td>Managing Educational Institutions Through Authentic Leadership Competencies</td><td>Rajesh Vaidya and Preeti Sharma (Symbiosis Institute of Business Management, Nagpur, India)</td></tr>
<tr><td>11:45 AM-12:00 PM</td><td>1571204568</td><td>Antecedents of Consumer Attitude Towards Cause-Related Marketing- a Model-Based Approach</td><td>Daniel Inbaraj (Indian Institute of Management Raipur, India)</td></tr>
<tr><td>12:00 PM-12:15 PM</td><td>1571217376</td><td>Exploring the Evolutionary and Cultural Dimensions of Solo Female Travel</td><td>Nazanin Sherkat and Thashneem T Bhanu (PES University, India)</td></tr>
<tr><td>12:15 PM-12:30 PM</td><td>1571222964</td><td>Social Intelligence: Does It Really Matter? Exploring the Underlying Factors</td><td>Manisha Singhai (Prestige Institute of Management and Research, India); Aditi Khare (Prestige Institute of Management and Research, Indore, India); Anukool Manish Hyde (Prestige Institute of Management and Research, Indore MP, India); Satnam Kaur Ubeja (Prestige Institute of Management and Research, Indore, India)</td></tr>
</table>

**All timings given in Indian Standard Time (IST)

Day 2: PARALLEL SESSIONS:2

SESSION 9:: Health
SESSION CHAIR: Dr. Subhabrata Banerjee, Prof. Amit Kumar Das ,IEM, Kolkata
SESSION TIME: 02:00 PM- 04:00 PM
PARTICIPATION LINK: **Physical location Room No. 311 , Research park, IIT Gandhinagar**

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
02:00 PM- 02:15 PM	1571213568	Consumer Acceptance of Protein-Rich Malt Powder: Implications for Responsible Branding in Health-Conscious Tourism	Nagarekha Palli (Ramaiah University of Applied Sciences, India); Thashneem Thaqseen Bhanu (PES University, India)
02:15 PM- 02:30 PM	1571200667	Health Behaviour Prediction for University Students	Neetu Narwal (Maharaja Surajmal Institute Affiliate GGSIP University, India); Neetu Anand (Maharaja Surajmal Institute, India)
02:30 PM- 02:45 PM	1571209976	Automated Depression Detection via NLP: A RoBERTa-Based Approach for PHQ-8 Score Prediction	Ravinuthala Veera Venkata Krishna (G V P College Of Engineering (A), India); Srinu Bevara (Gayatri Vidya Parishad COllege of Engineering, India); Surya Durga Lakshmi K (G V P College of Engineering (A), India); Sri Bhandhavi A (GVP College of Engineering (A), India); Vasudeva Bevara (GMR Institute of Technology, India)
02:45 PM- 03:00 PM	1571214366	Detection of Brain Tumors from MRI Scans Using Classical Image Processing: An Ablation Study on Preprocessing and Morphological Techniques	Laxita Naynesh Jain (Mukesh Patel School of Technology Management and Engineering, India); Radha Krishna Rambola (SVKM's NMIMS, MPSTME, Shirpur, India)
03:00 PM- 03:15 PM	1571218492	Strategic Approaches to Clinical Trial Management: A Case Study on Enhancing Efficiency, Compliance and Outcomes	Sanjay Kumar Polampally (Pharma, USA); Ashok Morsu (ThermoFisher, USA); Sharat Kumar Ragunayakula (Delaware First Health, USA)
03:15 PM- 03:30 PM	1571218781	Relationship Between Health and Fitness Consciousness and Consumer Purchase Behaviour Among Millennials	Ganesh Hosur and Mohammad Ghouse (CMR University, India)
03:30 PM- 03:45 PM	1571218829	Comparative Analysis of Adolescent Idiopathic Scoliosis (AIS) and Healthy Subjects Using Electromyography (EMG), and Ground Reaction Forces (GRF)	Arnab Sikidar and Bishnu Thakur (KPR Institute of Engineering and Technology, India); K E Ch Vidyasagar (Osmania University, India); Arpit Anil Panwar and Hirak Sarkar (KPR Institute of Engineering and Technology, India); Debashish Pal (Tripura University, India); E Joel and Kumar M (KPR Institute of Engineering and Technology, India)
03:45 PM- 04:00 PM	1571204322	A Blended Learning Approach to Soft Skills Development in the University English Classroom: A Study on Digital Tools and Curricular Design	Dr. Kinjal Bhatia (CHARUSAT University, India)

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Day 2: PARALLEL SESSIONS:2

SESSION 10:: Environment and Sustainability
SESSION CHAIR: Dr. Gobinda Sen, Prof. Sutapa Ray Adhikary, IEM, Kolkata
SESSION TIME: 02:00 PM- 04:00 PM
PARTICIPATION LINK: Physical location Room No. 312 , Research park, IIT Gandhinagar

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
02:00 PM- 02:15 PM	1571204297	A Comprehensive Hybrid Decision Making Framework for EV Supplier Selection: Merging Fuzzy AHP, VIKOR and Decision Tree Models	Kavitha R Gurrala, Sasidhar Bezawada and Aman Gyani (Woxsen University, India)
02:15 PM- 02:30 PM	1571204408	Automated Verification of SDG-Aligned College Initiatives: A Framework Integrating NLP and Metadata Analysis	Prithiraj Chakraborty (Institute of Engineering & Management, Kolkata, India); Rounak Saha (University of Calcutta, India); Anindita Das Bhattacharjee (Institute of Engineering and Management, Kolkata, India); Sangeeta Sarkar (Institute of Engineering & Management, Kolkata, India)
02:30 PM- 02:45 PM	1571211772	Mangrove Health Analysis Using Vegetation, and Air Pollution Index Estimation from Multispectral Data	Arghyadip Chowdhury, Raunak Roy, Soujash Maitra and Sampad Bhattacharyya (Institute of Engineering and Management, Kolkata, India); Debanjan Dutta (Institute of Engineering and Management, India); Anindita Das Bhattacharjee (Institute of Engineering and Management, Kolkata, India)
02:45 PM- 03:00 PM	1571218033	Circular-Commerce Orchestration: AI-Governed Reverse Supply Chains for Net-Zero Retail	Karan Kumar Ratra (Walmart Global Tech, USA); Pabitra Saikia (Truist Bank, USA)
03:00 PM- 03:15 PM	1571223681	Sustainability Concerns & Practices in the Chocolate Lifecycle: Integrating Consumer Perception	Deeksha Periyasamy, Disha T and Thashneem T Bhanu (PES University, India)
03:15 PM- 03:30 PM	1571223708	ESG Forecasting and Financial Correlation Analysis with Machine Learning in Indian Banks	Purab Shah (Narsee Monjee Institute of Management Studies, India); Shakila Shaikh (MPSTME, NMIMS University, India); Sathyam Bhatt, Sakshi Nayak and Sahil Shah (MPSTME, NMIMS, India)
03:30 PM- 03:45 PM	1571223785	A Self-Evaluating Agentic Framework Using Retrieval-Augmented Generation for Accountable Environmental Sustainability Communication	Anika Mayekar (Mukesh Patel School of Technology and Management, SVKM's NMIMS, India); Meghana Nawal (Mukesh Patel School of Technology Management and Engineering, SVKMS NMIMS, India); Akanksha Pashte (NMIMS Mukesh Patel School of Technology, Management and Engineering, India); Shakila Shaikh (Mumbai University, India); Mohini Reddy (Mukesh Patel School of Technology Management and Engineering, SVKMS NMIMS, India)
03:45 PM- 04:00 PM	1571222679	Factors Affecting Students' Competency Development in B-Schools	Anukool Manish Hyde (Prestige Institute of Management and Research, Indore MP, India); Anubha Dahibhate (Alumni, Prestige Institute of Management and Research, India); Manisha Singhai (Prestige Institute of Management and Research, India); Satnam Kaur Ubeja (Prestige Institute of Management and Research, Indore, India)

**All timings given in Indian Standard Time (IST)

Day 2: PARALLEL SESSIONS:2

SESSION 11:: Corporate Management
SESSION CHAIR: Dr. Sayan Sarkar, Prof. Aparna Biswas, IEM, Kolkata
SESSION TIME: 02:00 PM- 04:00 PM
PARTICIPATION LINK: Physical location Room No. 313 , Research park, IIT Gandhinagar

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
02:00 PM- 02:15 PM	1571202645	What Will It Take to Attract & Retain Female Talent in the IT Sector Jobs of Kolkata	Nayan Ranjan Mukerje (Institute of Engineering and Management & Shri Venkateswara University, India)
02:15 PM- 02:30 PM	1571203788	How Markets Respond to Share Buyback Announcements: Lessons from Indian Firms	Hindavi Alampally (Institute of Public Enterprise, Hyderabad, India); Bhavana K Raj (Institute of Public Enterprise Hyderabad India, India)
02:30 PM- 02:45 PM	1571204204	Red Sea Battery Logistics: Port Constraints, Hazmat Rules, and Resilient Routing	Abdulla Jasim Ibrahim (Bharath Institute of Higher Education and Research, India & Lucid Motors, Saudi Arabia)
02:45 PM- 03:00 PM	1571204294	Redefining Customer Experience: An Analysis of the Role of AI in Digital Marketing	Sakshi Negi (Uttaranchal University, India); Aditya Negi (Central University of Jammu, India); Ritu Baluni (Uttaranchal University, India); Nagendar Yamsani (SR UNIVERSITY, India); Siddharth Swami (Doon University, India); Rajesh Singh (Uttaranchal University, Dehradun, India)
03:00 PM- 03:15 PM	1571208077	Retaining the Gen Z Workforce of the ITES Sector in Kolkata	Nayan Ranjan Mukerje (Institute of Engineering and Management & Shri Venkateswara University, India)
03:15 PM- 03:30 PM	1571219939	Impact of Occupational Stress on Organisational Commitment Among IT Professionals	Ruchi Jain (Amity University Rajasthan, Jaipur); Amita Chourasiya (ICFAI University, Jaipur, India); Anukool Manish Hyde (Prestige Institute of Management and Research, Indore MP, India); Manoj Kumar Gupta (Hemvati Nandan Bahuguna Garhwal University Srinagar, Uttarakhand, India)
03:30 PM- 03:45 PM	1571222245	Decoding the Visual Rhetoric: A Semiotic Analysis of YouTube Thumbnails of Leading Indian Podcasts	Vijay Makwana (Charotar University of Science and Technology (CHARUSAT), India)
03:45 PM- 04:00 PM	1571219086	ChatGPT Surpasses Humans in Sense of Humor: Another Step Beyond "Singularity"	Shahriar Khan (Independent University, Bangladesh)

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Day 2: PARALLEL SESSIONS:2

SESSION 12:: Artificial Intelligence
SESSION CHAIR:Dr. Rintu Kumar Gayen, Prof. Soumik Kumar Kundu, Prof. Samit Karmakar, IEM, Kolkata
SESSION TIME: 02:00 PM- 04:00 PM
PARTICIPATION LINK:
Physical location Room No. 314 , Research park, IIT Gandhinagar

TIME ALLOTTED	PAPER ID	PAPER NAME	AUTHORS WITH AFFILIATION & COUNTRY
02:00 PM- 02:15 PM	1571222970	Parameter Efficient Fine Tuning Using Large Language Model	Sayan Chatterjee (Institute of Engineering and Management, India)
02:15 PM- 02:30 PM	1571222981	Detection of Unusual UPI Transaction Using Convolutional Neural Networks	Sayan Chatterjee (Institute of Engineering and Management, India)
02:30 PM- 02:45 PM	1571223103	Automated Attendance System Using Real-Time Face Recognition	Yashaswini Kathi (MPSTME, NMIMS University); Aditya Negi, Tanisha More and Vedika Sethi (MPSTME, NMIMS University, India); Shakila Shaikh (Mumbai University, India)
02:45 PM- 03:00 PM	1571223138	Generative-Adversarial Evolution- an LLM-Driven Critic for Algorithmic Optimization	Tanmay Choudhary (SVKM NMIMS MPSTME, India); Omkar Sista (SVKM's NMIMS MPSTME, India); Sanjana Surana (SVKM NMIMS MPSTME, India); Swarnalata Bollavarapu (Nmims University & Mukesh Patel School Of Technology Management And Engineering, India)
03:00 PM- 03:15 PM	1571223644	AI-Powered Multimodal Crime Management Framework	Christopher Dsouza (Mukesh Patel School of Technology Management & Engineering, SVKM's NMIMS, Mumbai, India); Ronit Shetty (Mukesh Patel School of Technology Management & Engineering, India); Viha Shukla (Mukesh Patel School of Technology Management & Engineering, SVKM's NMIMS, Mumbai, India); Shakila Shaikh (Mumbai University, India)
03:15 PM- 03:30 PM	1571223727	Privacy-Preserving Medical NLP: Homomorphic Encryption for Clinical Text Classification	Srijit Chakraborty (Institute of Engineering and Management, Kolkata, India); Soumyadip Bhunia (Insitute of Engineering and Management Kolkata, India); Apurba Paul (Institute of Engineering & Management, Kolkata, India)
03:30 PM- 03:45 PM	1571223910	Integrating Artificial Neural Networks and Deep Reinforcement Learning for Automated Trading Systems	Naunidh Chhabra, Jugaad Chhabra and Soham Agarwal (Mukesh Patel School of Technology Management & Engineering, SVKM's NMIMS, Mumbai, India')
03:45 PM- 04:00 PM	1571223948	Cognitive Load Detection via Eye-Tracking: From Features to Self-Supervised Learning	Siddhi Mahajan (Mukesh Patel School of Technology and Management and Engineering, India); Parth Lohia and Ayush Kothari (Mukesh Patel School of Technology Management and Engineering, India); Mohini Reddy (Mukesh Patel School of Technology Management and Engineering, SVKMS NMIMS, India)

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