

Track 2: Power, Control, Energy and Intelligent Transportation Technologies

Day 1; 12th March 2026 (Thursday)

Time of Sessions: TS-T2-S1 (9:00 AM –11:00 AM); TS-T2-S2 (12:00 Noon - 1:00 PM); TS-T2-S3 (2.00 PM-3.30 PM); TS-T2-S4 (3.30 PM- 5.00 PM)

Paper ID	Paper Title	Name of the Paper Presenter with affiliation	Name and Affiliation of all Authors	Mode of the Presentation	Session Allocated
196	Hybrid CNN-LSTM and Random Forest Framework for Predicting the Severity of Traffic Accidents	Kattula Sasidharsai (Narasaraopeta Engineering College)	Kattula Sasidharsai (Narasaraopeta Engineering College), Marella Gopi Krishna (Narasaraopeta Engineering College), Prathipati Ananda Raju (Narasaraopeta Engineering College), Shaik Mohammad Jary (Narasaraopeta Engineering College), Mallikarjuna Rao Gundavarapu (Gokaraju Rangaraju Institute of Engineering & Technology), B. Srinivasarao (Aditya Institute of Technology and Management)	Online	TS-T2-S1
618	High Gain Transformerless DC-DC Converter for Standalone rooftop PV Application	Dr.Divya Navamani J, Associate Professor/EEE, SRM Institute of Science and Technology	Divya Navamani J Department of Electrical and Electronics Engineering SRM Institute of Science and Technology Kattankulathur K.Boopathi Testing National Institute Of Wind Energy Chennai, India	Online	TS-T2-S1
833	Emerging Approaches for Integrating Passive Balancing and Charging Strategies in Electric Vehicle Batteries	Shrusti Girimath (KLE Technological University, Hubli)	Author 1 Shruti B Girimath (KLE Technological University, Hubli), Author 2 Anupama R. Itagi (KLE Technological University, Hubli), Author 3 Rakhee Kallimani (KLE Dr. M. S. Sheshgiri College of Engineering and Technology)	Online	TS-T2-S1
959	Performance Enhancement of PMSM Drives in Electric Vehicles Using DNN-Based Control Strategies	student member	Author 1: Anki Reddy Bade, VFSTR, Guntur Author 2: Bharath Kumar N, VFSTR, Guntur	Online	TS-T2-S1
982	Design and Performance Analysis of PZT-Based Footfall Energy Harvester	Sanchita Desai (Vishwakarma Institute of Technology, Pune, India)	Pranali Chavhan(VIT Pune),Vijayshri Khedkar(Symbiosis Institute of Technology, Pune),Sameera Jape(VIT Pune),Sanchita Desai(VIT Pune),Vedant Sanap(VIT Pune),Hemant Sanap(VIT Pune),Salvi Bhanse(VIT Pune).	Online	TS-T2-S1
1275	State-of-Charge Estimation for Lithium-Ion Batteries Using CatBoost Regressor	Mr. Surasi Sharan Kumar (SR University, Warangal)	Surasi Sharan Kumar (SR University, Warangal), Vinod Kumar D.M. (SR University, Warangal), Ram Deshmukh (SR University, Warangal)	Online	TS-T2-S1
1381	Uncertainty-Aware Federated Learning for UAV Predictive Maintenance: Confidence-Based Aggregation and Risk-Aware Scheduling	Tanisha Pal Singh (UNSW)	Tanisha Pal Singh University of New South Wales, Sydney, Australia Email: thisistanishaaa@gmail.com	Online	TS-T2-S1
1389	Challenges in Random Forest-Based Islanding Detection for Microgrids with High Renewable Energy Integration: A Review	Snigdha Sarmah (Jorhat Engineering College)	Tilok Boruah (Jorhat Engineering College), Dipli Boruah (Jorhat Engineering College), Prandip Saikia (Jorhat Engineering College), Snigdha Sarmah (Jorhat Engineering College), Swastika Doloi (Jorhat Engineering College), Triporna Borah (Jorhat Engineering College)	Online	TS-T2-S1
1458	IOT-INTEGRATED WILDFIRE DETECTION AND MITIGATION WITH HIERARCHICAL DISPATCH OF VIRTUAL POWER PLANTS FOR GRID RESILIENCE	T.NARENDRAN (ST.JOSEPH'S COLLEGE OF ENGINEERING CHENNAI)	T.NARENDRAN (ST.JOSEPH'S COLLEGE OF ENGINEERING CHENNAI), MOHAN V (ST.JOSEPH'S COLLEGE OF ENGINEERING CHENNAI), DR. C. VENKATESH KUMAR (ST.JOSEPH'S COLLEGE OF ENGINEERING CHENNAI)	Online	TS-T2-S1
1522	Temperature Dynamic Analysis of PEMFC Characteristics and Its Implications for MPPT	NAGESWARAPPA N, RESEARCH SCHOLAR, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR, INDIA	AUTHOR1: NAGESWARAPPA N, DEPARTMENT OF EEE, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR, INDIA. AUTHOR2: V. NAGA BHASKAR REDDY , DEPARTMENT OF EEE ,RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY NANDYAL, INDIA.	Online	TS-T2-S1
1562	Solar-PV Based High-Gain DC–DC Converter Integrated with a Bidirectional Battery Energy Storage (BESS) Converter for DC Microgrid Applications	Kalyaani Thota	Kalyaani Thota (Research Scholar), Dr. Srikanth Velpula (Asst. Prof.), Dr. Vedik Basetti (Prof.), and Dr. Buddhadeva Sahoo (Assoc. Prof.)	Online	TS-T2-S1

1624	Event-Driven IoT Node: A Low-Power Asynchronous Microcontroller Architecture	Kolluru Taraka Rama Shriya (AVVP- Amritapuri)	Kolluru Taraka Rama Shriya (ECE Dept., ASE, Amrita Vishwa Vidyapeetham, Amritapuri, India) Amrutha (ECE Dept., ASE, Amrita Vishwa Vidyapeetham, Amritapuri, India) Rajesh Kannan Megalingam (Humanitarian Technology (HuT) Labs, ECE Dept., Amrita Vishwa Vidyapeetham, Amritapuri, India)	Online	TS-T2-S1
1860	Monte Carlo-based Reinforcement Learning for Pitch and Yaw Control of AUV	Pulamarasetty Kusumanjali	Suravarapu Abhiram, Pulamarasetty Kusumanjali, Sathunuri Sarin Kumar, and Ravishankar Prakash Desai Amrita School of Computing, Amrita Vishwa Vidyapeetham, Amaravati, India	Online	TS-T2-S2
1912	Post Fault Stability Assessment in Distribution System using Sliding RMS and Phase Angle Methods	Dr. Nimai Charan Patel (NIT Sikkim)	Author 1 Nimai Charan Patel (NIT Sikkim), Author 2 Bhabasis Mohapatra (ITER, SOA University), Author 3 Ritesh Dash (REVA University)	Online	TS-T2-S2
2163	An AI-Powered Intelligent Framework for Household Energy Optimization and Carbon Reduction	Ajitesh Kumara, Akshat Khandelwal	Ajitesh Kumara(CMR Institute of Technology, Bengaluru), Akshat Khandelwal(CMR Institute of Technology, Bengaluru), Kashif Ahmed(CMR Institute of Technology, Bengaluru)	Online	TS-T2-S2
2200	Optimized Electric Vehicle Charging Through AI Enabled Decision Making Considering Real Time City Network	Mon Prakash Upadhyay (PhD Scholar, RGIPT JAIS)	Mon Prakash Upadhyay, PhD Scholar, Energy Institute Bengaluru, RGIPT JAIS Amethi	Online	TS-T2-S2
2466	Efficient Probabilistic Forecasting of Solar and Wind Generation Using a GAT-Adapt-Hybrid Diffusion Model	Soyal Tansen Rahangdale (IIIT Pune)	Soyal Tansen Rahangdale (IIIT Pune), Sudhanshu Kumar (IIIT Pune), Dr. Sumit Kumar Gupta (IIIT Pune)	Online	TS-T2-S2
2560	Energy-Efficient Guided Deep Reinforcement Learning for Cooperative UAV Swarms	Surabhi Veda Rao Pusarla (Amrita Vishwa Vidyapeetham, Amritapuri)	(Amrita Vishwa Vidyapeetham, Amritapuri) , Venkat Reddy Enaganti (Amrita Vishwa Vidyapeetham, Amritapuri)	Online	TS-T2-S3
2813	Data Imputation and Performance Prediction of xEV Batteries Integrated with DC Microgrids	Saleha Tabassum, Electrical and Electronics Engineering Vignan's Lara Institute of Technology and Science, Guntur, Andhra Pradesh, India tabassumeee@gmail.com	Author 1-Saleha Tabassum, Electrical and Electronics Engineering, Vignan's Lara Institute of Technology and Science, Guntur, Andhra Pradesh, India Author 2-Pathan Adam Shafullakhan, Electrical and Electronics Engineering,Vignan's Lara Institute of Technology and Science Guntur, Andhra Pradesh, India Author 3-Sama Praneeth,Electrical and Electronics Engineering,Vignan's Lara Institute of Technology and Science. Guntur, Andhra Pradesh, India Author 4-Palukuri Gopichand, Electrical and Electronics Engineering,Vignan's Lara Institute of Technology and Science ,Guntur, Andhra Pradesh, India Author 5-Shaik Imran Basha,Electrical and Electronics Engineering,Vignan's Lara Institute of Technology and Science ,Guntur, Andhra Pradesh, India Author 6-M.Bharathi,Electronics and Communication Engineering,Sri Venkatesa Perumal College of Engineering and Technology, Puttur,Andhra Pradesh.	Online	TS-T2-S3
2981	Performance Analysis of Boost Converter Under Nonlinear Scenarios	Vineet Tomar (DTU Delhi)	1 Vineet Tomar (DTU Delhi), 2 Prof. Dheeraj Joshi (DTU Delhi)	Online	TS-T2-S3
3105	Carbon-Neutral Foundation Models Through Adaptive Transform Compression	Dr. Jyoti Maggu (Thapar Institute of Engineering and Technology Patiala Punjab India)	Dr. Jyoti Maggu (Thapar Institute of Engineering and Technology Patiala Punjab India)	Online	TS-T2-S3
3241	Operational Efficiency Assessment of Wind Power Generation across Indian States: An SBM-DEA Approach	Dr. Jyoti Luhanawal (SR University, Warangal, Telangana)	Dr. Jyoti Luhanawal (SR University, Warangal, Telangana), Prof. Shivi Agarwal (BITS Pilani, Pilani Campus, Rajasthan), Prof. Trilok Mathur (BITS Pilani, Pilani Campus, Rajasthan)	Online	TS-T2-S3
3441	Multimodal Transportation Model for Real-Time Prediction and Adaptive Optimization Using Advanced Machine Learning Techniques	Ms. Sweta Kahurke (Phd Scholar - Faculty of Engineering and Technology , DMIHER(DU), Sawangi , Wardha(MS))	Author 1 - Ms. Sweta Kahurke (Faculty of Engineering and Technology , DMIHER(DU), Sawangi , Wardha(MS)) , Author 2 - Prof.(Dr.) KTV Reddy (Faculty of Engineering and Technology , DMIHER(DU), Sawangi , Wardha(MS))	Online	TS-T2-S3
3531	Comparative Study of Tree-Based Ensembles, CNN-LSTM, and State Space Model for Photovoltaic Power Forecasting	Karan Veer Singh (TIET Patiala)	Karan Veer Singh (TIET Patiala), Aditya Sachdeva (TIET Patiala), Abhilasha Tiwari (TIET Patiala), Drishti Agarwal (TIET Patiala), Divyansh Sharma (TIET Patiala), Dr. Sandeep Mandia (TIET Patiala), Dr. Amanpreet Kaur (TIET Patiala)	Online	TS-T2-S4
317	Predicting Critical Components in Integrated Power and Gas System Using Machine Learning	Nof Yasir (NDSU, Fargo, USA)	Madison Morse (SUNY, Oswego, USA), Nof Yasir (NDSU, Fargo, USA), Di Wu (NDSU, Fargo, USA)	Online	TS-T2-S4

2841	Development of a Hybrid Piezoelectric and Solar Rainfall Energy Harvesting System	Joshua Bryant Anilao , Gene Gabriel Payumo	Joshua Bryant Anilao, Gene Gabriel Payumo	Online	TS-T2-S4
976	A Machine Learning Approach to Fault Detection and Classification in Microgrids Using Automated Fault		Joscel Craig B. Sagun, Justine Dave A. Azores, Michael C. Pacis	Online	TS-T2-S4
1161	Fitness Landscape Analysis on Determining the Radial Moore Graphs of Radius 2 with Minimum ASPL	Chinthaka Wijerathne (University of Sri Jayewardenapura)	Chinthaka Wijerathne (USJP), Jayantha Lanel (USJP), Kissani Perera (UK), Chathura Wanigasekara (DLR)	Online	TS-T2-S4
593	Optimization and assessment of CoCrFeMnTi high entropy Alloy:Novel strategy to enhance electrical and mechanical characteristics	Baburao pasupulati	<p>Dr. Ravindra S Associate Professor, Department of Electronics and Communication Engineering, Dr H N National College of Engineering, Jayanagar 7 th block, Bangalore-560070. Karnataka, India.</p> <p>E-mail: ravindra.s@drhnncce.org.in Orcid id: orcid.org/ 0000-0001-5456-7545 Scopus link: https://www.scopus.com/authid/detail.uri?authorid=57210826446 Contact number:8553634644</p>	Online	TS-T2-S4
3094	Federated Learning for Privacy-Preserving Short-Term Load and EV Charging Forecasting	R Swathi (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India)	R Swathi (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), Vijay Kumar B (Asst. Professor, Vignana Bharathi Institute of Technology, Hyderabad, Telangana, India), Dr. Venkatesan M (Associate Professor, Dept. of ECE, Chennai Institute Of Technology, Chennai, TN, India), Dr.Subha Balamurugan (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, TN, India), N.Thulasi Chitra (Department of CSE-DS, MLR Institute of Technology, Dundigal, Hyderabad, Telangana), Dr. S Nagakishore Bhavanam (Professor, Department of CSE, Mangalayatan University Jabalpur, Jabalpur, Madhya Pradesh 483001, India)	Online	TS-T2-S4
Day 2; 13th March 2026 (Friday)					
Time of Sessions: TS-T2-S5 (9:00 AM –10:30 AM); TS-T2-S6 (2:30 PM - 4:00 PM); TS-T2-S7 (5:00 PM –6:30 PM)					
2972	Enhancing Decision-Making Strategies in Autonomous Vehicles Under Challenging Conditions	Priyadharshini J (Vinayaka Mission's Research Foundation (VMRF) Deemed University)	Dr Ramu K (Vinayaka Mission's Research Foundation (VMRF) Deemed University), C. Sivakumar (Vinayaka Mission's Research Foundation (VMRF) Deemed University), Priyadharshini J (Vinayaka Mission's Research Foundation (VMRF) Deemed University), K Mohammed Ameen Sharrif (Vinayaka Mission's Research Foundation (VMRF) Deemed University), Archana shakya (Vinayaka Mission's Research Foundation (VMRF) Deemed University)	Online	TS-T2-S5

3095	Optimal Scheduling of Vehicle-to-Grid Fleets for Peak-Shaving and Frequency Regulation	Dr. C. Naga Kumar (Assoc Professor, Dept. of Mechanical Engineering, G.Pullaiah College of Engineering and Technology, Kurnool, A.P., India)	Dr. C. Naga Kumar, (Assoc Professor, Dept. of Mechanical Engineering, G.Pullaiah College of Engineering and Technology, Kurnool, A.P., India), Madichetty Mounika, (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), Juhisha J, (Asst. Professor, Dept. of ECE, Chennai Institute of Technology, Chennai, India), N. Baby Rani (Dept. of CSE-DS, MLR Institute of Technology, Dundigal, Hyderabad, Telangana, India), Dr.Subha Balamurugan (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, TN, India), Chunduri Raghavendra (Asst. Professor, Dept. of CSD, KKR &KSR Institute of Technology and Sciences, Guntur, AP, India)	Online	TS-T2-S5
3100	Model Predictive Control for Resilient Islanded Microgrids under Cyber-Physical Attacks	Dr Raghu Dhupati (Lecturer, Department of Computer Science, Bahrain Polytechnic, Bahrain)	Dr Raghu Dhupati, (Lecturer, Department of Computer Science, Bahrain Polytechnic, Bahrain), Dr. A. Jeraldine Viji (Professor, Dept. of EEE, Mailam Engineering College, Villupuram, TN, India), Dr. A. Elangovan (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, TN, India), TV Divya, (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), N.Thulasi Chitra (Department of CSE-DS, MLR Institute of Technology, Hyderabad, Telangana, India), Dr. V. Elanangai (Associate Professor, Dept. of EEE, St. Peter's Institute of Higher Education and Research, Avadi, Chennai, TN, India)	Online	TS-T2-S5
3101	Digital Twin-Enabled Predictive Maintenance for Power Distribution Networks	L. Bhagyalakshmi (Professor and Head, Dept. of ECE Rajalakshmi Engineering College, Chennai, TN, India)	L. Bhagyalakshmi (Professor and Head, Dept. of ECE, Rajalakshmi Engineering College, Chennai, TN, India), Dr. A. Elangovan (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, TN, India), Dr Vinita A (Asst. professor, Dept. of Computer Science with Cyber Security, Dr. N.G.P. Arts and Science College, Coimbatore, TN, India), Senthilkumar Aandi (Asst. Professor, Dept. of ECE, Chennai Institute of Technology, Chennai, TN, India), Dhupati Srivalli (Dept. of CSE-DS, MLR Institute of Technology, Dundigal, Hyderabad, Telangana, India), Sanjay Kumar Suman (Prof. and Head, Dept. of CSE – CS, Sri Shanmugha College of Engineering and Technology, Sankari, Salem, TN, India)	Online	TS-T2-S5

3104	Multi-Agent Reinforcement Learning for Decentralized Energy Management in Smart Communities	Arulananth T S (Professor, Dept. of ECE, Chennai Institute of Technology, Chennai, TN, India)	Arulananth T S (Professor, Dept. of ECE, Chennai Institute of Technology, Chennai, TN, India), T.Hashni (Asst. Professor, Dept. of AI and ML, Dr.N.G.P. Arts and Science College, Coimbatore, TN, India), A.Sandeep Kumar (Associate Professor, Department of CSE- Data Science, KKR & KSR Institute of Technology and Sciences, Guntur, AP, India), Dr.Priyadarshini M C (Asst Professor, Dept. of English, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamilnadu, India), G Pavani (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), Subhashini Peneti (Department of CSE-DS, MLR Institute of Technology, Hyderabad, Telangana, India)	Online	TS-T2-S5
3140	Demand Response Orchestration Using Incentive-Compatible Mechanism Design and IoT Gateways	M Harinath Reddy (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India)	M Harinath Reddy (Department of CSE, Sreyas Institute of Engineering and Technology, Hyderabad, Telangana, India), Gunavardini V (Asst. Professor, Dept. of CSE, Bannari Amman Institute of Technology, Erode, India), N.Baby Rani (Dept. of CSE-DS, MLR Institute of Technology, Hyderabad, Telangana, India), Dr. Venkatesan M (Associate Professor, Dept. of ECE, Chennai Institute of Technology, Chennai, TN, India), Dr J Jesintha Princy (Asst. Professor, Dept. of English, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai, Tamilnadu, India), Chunduri Raghavendra (Asst. Professor, Dept. of CSD, KKR &KSR Institute of Technology and Sciences, Guntur, AP, India)	Online	TS-T2-S5
3142	6G-Ready Network Slicing for Mission-Critical Transportation and Grid Control Applications	Nauseen Nazar (ME Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission Research Foundation Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India)	Nauseen Nazar (ME Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission Research Foundation Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Dr Ramu K (Professor, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission's Research Foundation, Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Priyadharshini J (Asst. Professor, Dept. of CSE, Aarupadai Veedu Institute of technology, Vinayaka Mission Research Foundation Deemed University, OMR Road, Paiyanoor, Chengalputct, TN, India), Sakthivel S (Final Year UG Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission Research Foundation Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Vetrivel B (Final Year UG Student, Dept.of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission Research Foundation Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India), Venkatesh S (Final Year UG Student, Dept. of CSE, Aarupadai Veedu Institute of Technology, Vinayaka Mission Research Foundation Deemed University, OMR Road, Paiyanoor, Chengalput, TN, India)	Online	TS-T2-S5
1059	Supervised and Unsupervised Learning Based Approach for QoS-Based Performance Classification in Software Defined Vehicular Ad-Hoc Network	Ms. Amrita Sharma (NIT, Raipur)	Ms. Amrita Sharma (NIT, Raipur), Dr. Mithilesh Atulkar (NIT, Raipur), Dr. Ravindra Chouhan (NIT, Raipur)	Offline	TS-T2-S6
1298	A Comparative Analysis of City Traffic Congestion Prediction Using SARIMA, LSTM and XGBoost	PRASHANT YADAV (IIIT LUCKNOW)	PRASHANT YADAV (IIIT Lucknow, India), RAHUL KUMAR VERMA (IIIT Lucknow, India), JAY KATRE (IIIT Lucknow, India), SHUBHRA JAIN (IIIT Lucknow, India), VARUN SHARMA (IIIT Lucknow, India), NEELU (IIM Ranchi, India)	Offline	TS-T2-S6

2983	A Robust Control for Alleviating Harmonic Distortion in SPVA Integrated BES Systems A Robust Control for Alleviating Harmonic Distortion in SPVA Integrated BES Systems	Mr. Ravi Kumar Gupta (MANIT Bhopal)	Mr. Ravi Kumar Gupta (MANIT Bhopal), Mr. Ambuj Kumar Dwivedi (MANIT Bhopal), Dr. Sushma Gupta (MANIT Bhopal), Dr. Shailendra Jain (MANIT Bhopal)	Online	TS-T2-S6
3468	EV Battery Health Management: From Real-Time Sensing to Predictive Analytics	Prof. Narendra Singh Beniwal (BIET Jhansi)	Prof. Narendra Singh Beniwal (BIET Jhansi), Dr. Shruti Kalra (JIIT Noida), Dr. Ruby Beniwal (JIIT Noida), Dr. K.Nisha (JIIT Noida), Shailendra Gautam (BIET Jhansi)	Offline	TS-T2-S6
3504	Scenario Based Assessment of Renewable Energy Growth Using LEAP Modeling for Sustainable Power Planning	Ms. Arti Uikey (MANIT Bhopal)	Author 1 Arti Uikey (MANIT Bhopal), Author 2 Ravinder Kumar (MANIT Bhopal), Author 3 Sakhi Katre (MANIT Bhopal), Author 4 Arvind Mittal (MANIT Bhopal), Author 5 Archana Soni (MANIT Bhopal), Author 6 Gaurav Dwivedi (MANIT Bhopal)	Offline	TS-T2-S6
3529	Design and Simulation of BLDC Motor for Three-Wheeler EV Applications	Mr. Deependra Singh Sisodiya	Author 1 Mr. Deependra Singh Sisodiya Author 2 Dr. Manoj Kumar Behera Author 3 Dr. Shailendra Jain	Offline	TS-T2-S7
3536	Physicochemical Monitoring of Food Waste Anaerobic Digestion	Mr. Ravinder Kumar (MANIT Bhopal)	Author 1 Ravinder Kumar (MANIT Bhopal), Author 2 Kavita Gidwani (MANIT Bhopal), Author 3 Raj Suman (MANIT Bhopal), Author 4 Rahul Kumar Rajak (MANIT Bhopal), Author 5 Prashant Baredar (MANIT Bhopal), Author 6 Gaurav Dwivedi (MANIT Bhopal)	Offline	TS-T2-S7
3673	CORDIC-Accelerated FPGA Design for Direct Kinematics of Omniwheeled Mobile Robots	Nalin Kumar Sharma (IIT Jammu)	Tarang Srivas (IIT Jammu), Deepak Kumar Dubey (IIT Jammu), Harshit Manktala (IIT Jammu), Aaditya Prakash Yadav (IIT Jammu), Nalin Kumar Sharma (IIT Jammu), Padmini Singh (IIT Jammu), Chandan Yadav (IIT Jammu)	Offline	TS-T2-S7
4647	A Comprehensive Analysis of ML-based Approaches for IC Yield Prediction	Vishakha Bisouriya, Electrical and Electronics Engineering Department, ABV-IIITM Gwalior	Vishakha Bisouriya (Electrical and Electronics Engineering Department, ABV-IIITM Gwalior), Hrishikesh Das (Electrical and Electronics Engineering Department, ABV-IIITM Gwalior), Sandesh Jain (Electrical and Electronics Engineering Department, ABV-IIITM Gwalior), Manisha Pattanaik (Electrical and Electronics Engineering Department, ABV-IIITM Gwalior), Alok Kumar kamal (Electrical and Electronics Engineering Department, ABV-IIITM Gwalior)	Offline	TS-T2-S7
3139	Hybrid Adaptive Digital Twin-Based Fault Tolerance for Cyber-Resilient EV Charging Systems	Desh Deepak Sharma	Desh Deepak Sharma (Department of Electrical Engineering , MJP Rohilkhand University, Bareilly) , Mugdha Mishra ((Department of Electrical Engineering , MJP Rohilkhand University, Bareilly))	Offline	TS-T2-S7