

Presentation schedule

PAPER ID	Authors	PAPER TITLE	TRACK	Paper Sequence	Mode of presentation	Session Number	Time	Date	Venue
309	Sheetal Shinkhede, Dr. Sanskriti Mujumdar, Mr. Akash Patel and Mr. Shwetal Shah	Climate Change Impact on Residential Electrical Energy Consumption: Case Study of Vadodara City	Data Science	1	ONLINE	1	3:15 PM to 05:00 PM	5th May - 2023	Environment Audit Conference Room 111, D Block (Ground floor)
824	Subhanshi Rawat, Shivam Kumar and Ritu Agarwal	Sign Language Communication	Machine Intelligence	2	ONLINE				
1132	Darsh Dave, Jay Gandhi, Pratik Patel and Randheer Bagi	DATS: Driver Assistance Text Spotter	Machine Intelligence	3	IN PERSON				
1254	Naiya Suthar, Trilok Suthar and Dhenuka Patel	A Survey on Novel Fraud Detection techniques in transaction using Machine Learning and Deep Learning	Machine Intelligence	4	IN PERSON				
1542	Mit Shah, Pina Bhatt, Keval Bhavsar and Umang Parmar	Identification of Faults for Centrifugal Pump using Wavelet Analysis with Machine Learning Classifiers	Machine Intelligence	5	ONLINE				
1645	Thakor, Swapnil Parikh, Vipul Dabhi and Ankita Gandhi	Anemia classification in Gujarat using data mining	Data Science	6	IN PERSON				
1790	Rahulkumar Parmar, Yashwantkumar Parmar, Dhruvi Shrimali, Keval Bhavsar and Umang Parmar	Drone Detection and Tracking using Electro Optics	Machine Intelligence	7	ONLINE				

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PAPER ID	Authors	PAPER TITLE	TRACK	Paper Sequence	Mode of presentation	Session Number	Time	Date	Venue
1969	Deep Shah, Amit Barve, Brijesh Vala and Jay Gandhi	Tumor Segmentation on Brain MRI with U-Net for Multi-modality Data	Machine Intelligence	1	IN PERSON	2	3:15 PM to 05:00 PM	5th May - 2023	A-116- A Block, PIET (Ground floor)
2647	Chandralekha Yadav and Vipul M Dabhi	Monkeypox Datasets Creation Using GANs & Image Classification	Machine Intelligence	2	IN PERSON				
2943	Akhilesh Kushwaha, Warish Patel, Hakan Koyuncu, Swapnil Parikh and Ankit Chauhan	Security Threat Analysis and Countermeasure Using ML in Cloud	Machine Intelligence	3	IN PERSON				
4694	Karnavi Desai, Prashant Sahatiya and Dheeraj Kumar Singh	A Modified-YOLO based Vehicle-Pedestrian Detection Model for Improved Urban Mobility	Machine Intelligence	4	IN PERSON				
4811	Dhruvi Shrimali, Swapnil Vegad, Keval Bhavsar and Umang Parmar	Fault Identification for Permanent Magnet Synchronous Generators of Wind Turbines by Wavelet Signal Processing with Machine Learning Classification Algorithms	Machine Intelligence	5	IN PERSON				
5533	Bhaviksinh Parmar, Dr. Snehal Trivedi, Dhaval Patel and Mr. Jignesh Pandya	Design and Development of Fixture for Bending Of Small Size Copper Pipes	Machine Intelligence	6	IN PERSON				
5688	Ashish Kumar and Yudhvir Singh	Recommender Systems and its Applications on Popular Online Platforms	Machine Intelligence	7	ONLINE				

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310	Pratik Hingrajiya, Dr. Bhavesh Mewada and Mr. Prashant Tomar	A Literature Review on the Implementation of Lean Manufacturing Approach in Industry to Enhance Productivity of Hydraulic Filter Head	Green Technologies	1	IN PERSON	3	3:15 PM to 05:00 PM	5th May2023	Computer Lab -1 D Block ,PIET
1012	Bhadresh Rohit and Neha Kulshshretha	Treatment of Humic Acid Wastewater by Catalytic Oxidation Process	Green Technologies	2	IN PERSON				
2092	Siddharth Shah, Bhupesh Goyal and Shivani Desai	Application of Metal Foam in Solar Parabolic Trough Collector- A Review Manufactured by Solid Space Holder	Green Technologies	3	IN PERSON				
2432	Abdulbasit Patel, Imran Molvi and Sumit Das Lala	A Review on Pyrolysis : Plastic Waste Recycling Method	Green Technologies	4	IN PERSON				
2569	Alamgir Kureshi and Suman Saha	Removal of Humic acid (Natural Organic Matter) from Water Bodies using Biological Process: Experimental Approach	Green Technologies	5	IN PERSON				
3137	Adil Khan, Dr. Amarish Badgujar and Mohammed Rafik Qureshi	Comparative analysis of Jute fiber and Chicken feather fiber for sustainable reinforcement of polymeric composites	Green Technologies	6	IN PERSON				
6105	Ramaprasanna Dalai and Sarat Swain	An Assessment on Contingency Analysis of DC Microgrid	Green Technologies	7	ONLINE				

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PAPER ID	Authors	PAPER TITLE	TRACK	Paper Sequence	Mode of presentation	Session Number	Time	Date	Venue
1476	Salman Khan and Jaydeep Pipaliya	Impact Of Automation In Construction Of Residential And Commercial Building	Robotics	1	IN PERSON	4	3:15 PM to 05:00 PM	5th May 2023	A-211- A Block, PIET (First floor)
1561	Ravi Patel and Deep Patel	Evaluation of ultrasonic milk analyser for estimation of fat and SNF content in adulterated milk containing added urea.	Electronics & Communications	2	ONLINE				
3195	Dishani Saragiya, Dr.Daxa Vekariya, Dr.Chintan Thacker and Dr.Pratik Patel	An Organized Investigation of Load-Balancing Techniques in the Context of Fog Computing	Electronics & Communications	3	IN PERSON				
8942	Sagarkumar Patel, Fenil Patel, Harsh Pandya and Hardik Modi	Hardware Implementation of Smart Shopping Cart using IoT	Electronics & Communications	4	IN PERSON				
8456	Hemangini Desai, Matsiko Joshua and Chetan Chodavadiya	Evaluating Power Flow Capabilities of HVDC and HVAC Transmission System	Electronics & Communications	4	ONLINE				
9569	Ranjeet Singh Suryawanshi, Sarvesh Gawade, Ghanshyam Karemore, Sandesh Ghule, Nandini Gaikwad and Pratiksha Gaikwad	Military base smart security system	Electronics & Communications	6	IN PERSON				
999905	Vishal Nizama, Jay Supat, Maitik Parikh , Kshitij Pohanekar, Ashish Patel	Aerodynamic Characteristics of NACA 0012 and NACA 2412 Aerofoils at Low Reynolds Number.	Robotics	7	IN PERSON				
999901	Mansha Kumari B. Patel, Ashish Yadav, Pragnesh Patel, Ayesha Begam, Mubina Shaik	Design and Development of High-Rise Window Cleaning Drone	Robotics	8	IN PERSON				

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PAPER ID	Authors	PAPER TITLE	TRACK	Paper Sequence	Mode of presentation	Session Number	Time	Date	Venue
973	Priya Saxena, Kewal Rana, Parag Saxena and Vrajesh Patel	Simulation Studies on Extractive Distillation of BTX mixtures using DMSO and Sulfolane with ASPEN HYSYS	Process modeling and simulation	1	IN PERSON	5	3:15 PM to 05:00 PM	5th May 2023	Computer Lab -3- D Block ,PIET
3779	Sarang Yadav, Vyomesh Buch and Prashantsingh Tomar	WASTE REDUCTION BY PDCA METHODOLOGY: A REVIEW	Process modeling and simulation	2	IN PERSON				
3938	Govind Bhangdiya, Prashant Khanna and Viral Gandhi	Review of Explicit Dynamic Analysis of Incremental Sheet Forming for Spiral Tool Path	Process modeling and simulation	3	IN PERSON				
3943	Urvi Upadhyay	AR/VR/MR A Demand of AEC Industries 4.0	Process modeling and simulation	4	IN PERSON				
4125	Harsh Makwana, Dr. Mehulkumar Gor and Mr.Daxesh Makwana	Manufacturing throughput time reduction for strong room door	Process modeling and simulation	5	IN PERSON				
5177	Nirav Patel	Effect of Geometrical Irregularities on Response Reduction Factor for RC Structure	Process modeling and simulation	6	IN PERSON				
6447	Jay Chauhan, Hardik Solanki and Bhavesh Patel	Comparison And Selection of Efficient Method for SPMT Transport Analysis Based on Boundary Condition Approach	Process modeling and simulation	7	IN PERSON				
9530	Shivam Gandhi, Snehal Trivedi, Dhaval Patel and Jignesh Pandya	DIGITIZATION FOR REVERSE ENGINEERING:ASSOCIATED ISSUES AND PROPOSED SOLUTIONS WITH CASE STUDIES	Process modeling and simulation	8	IN PERSON				

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PAPER ID	Authors	PAPER TITLE	TRACK	Paper Sequence	Mode of presentation	Session Number	Time	Date	Venue
396	Vandan Bhatt, Vipul Vekariya, Ankita Gandhi and Anil Patel	A Review on Hand Sign Recognition Techniques Using Deep Learning	Artificial Intelligence	1	IN PERSON	6	3:15 PM to 05:00 PM	5th May - 2023	Computer Lab -4- D Block ,PIET
547	Nutan Patel, Dr. Vipul Dabhi and Dr. Rachit Adhvaryu	Review of Identify Road Potholes Using Image Semantic Segmentation For Advance Driver Assistant System	Artificial Intelligence	2	IN PERSON				
728	Shayak Chakraborty and Partha Pakray	ATCoPE - Abstractive Text Comparison using Prompt Engineering	Artificial Intelligence	3	ONLINE				
1981	Vinitkumar V Patel and Dr. Arvind R Yadav	A Review on Kidney Tumor Segmentation and Detection Using Different Artificial Intelligence Algorithms	Artificial Intelligence	4	IN PERSON				
2805	Gaurav Kumar Ameta and Pushpendra Singh Sisodia	Analysis & Prediction of Cardiac Arrhythmia using Deep Learning Techniques	Artificial Intelligence	5	IN PERSON				
4652	Jaydeep R. Tadhani and Dr. Vipul Vekariya	A Survey of Deep Learning Models, Datasets, and Applications for Cyber Attack Detection	Artificial Intelligence	6	IN PERSON				
6381	Heena Patel, Dr.Himanshu Patel and Devarshi Pandya	Approach to record the data for Tennis Elbow injuries measurement	Artificial Intelligence	7	IN PERSON				

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PAPER ID	Authors	PAPER TITLE	TRACK	Paper Sequence	Mode of presentation	Session Number	Time	Date	Venue
6342	Gautam Gangadharan, Snehal Trivedi and Omkamal Vashi	Taguchi method AWJM optimal solution analysis on Al7050	Machine Intelligence	1	IN PERSON	7	11:00 AM to 01:00 PM	6th May-2023	Environment Audit Conference Room 111, D block (Ground floor)
6632	Javed Gulamnabi Dudhwala	The Role of Data Sciences in Marketing Management: Challenges, Applications, and Opportunities	Data Science	2	IN PERSON				
7915	Jignasha Parmar, Prashant Sahatiya and Bansal Vidja	A DEVELOPMENT OF THE MOBILE APPLICATION FOR REPAIR AND MAINTENANCE OF VEHICLES	Computational Intelligence	3	IN PERSON				
8010	Dwiti Pandya, Tejal Patel and Dheeraj Kumar Singh	Comparison of Generative Adversarial Networks for Medical Image Generation	Machine Intelligence	4	IN PERSON				
8108	Khushter Kaifi, Nafisur Rahman, Md. Tabrez Nafis and Syed Imtiaz Hassan	Early Spotting of Parkinson's Illness using Machine Learning Techniques	Machine Intelligence	5	ONLINE				
8709	Amit Kumar Biswas and Prashant Khanna	Redesign And Reprocessing Of Multi-Pin Circular Electric Connectors And Rod End Bearing	Machine Intelligence	6	IN PERSON				
9209	Shivanshi Parikh, Jaimeel Shah, Kamal Sutariya and Brijesh Vala	Machine Learning Approaches for Hotel Recommendation	Machine Intelligence	7	IN PERSON				
9342	Divy Patel, Warish Patel and Sonal Rane	A Survey of Predicting Stock Market Prices	Machine Intelligence	8	IN PERSON				
999903	Shreya Dholariya, Dr. Daxa Vekariya	Sleep Disorders: A Review on Different Deep Learning Algorithm	Machine Intelligence	9	IN PERSON				

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6280	Sumukh Sumant, Bhavesh Mewada and Manish Maisuria	Review on Blade Deflector and Blade Design of Savonius Hydro Kinetic Turbine for Water Based Energy	Green Technologies	1	IN PERSON	8	11:00PM to 01:00 PM	6th May 2023	Computer Lab -1 D Block ,PIET
6777	Nirav Patel and Joy Bhavsar	A Study of Basalt Fiber Reinforced Polymer (BFRP) Rebar as a Replacement of Steel Rebar in Concrete	Green Technologies	2	IN PERSON				
9023	Chintan Pandya and Priya Saxena	Reactive Orange 16 dye removal using novel particle-coated and graphene oxide based DSA	Green Technologies	3	IN PERSON				
9102	Abhishek Patel, Vyomesh Buch and Jagdish Pampania	Study and Evaluation of Brazing Leakages in Aluminum Radiator	Green Technologies	4	IN PERSON				
9336	Kaushikkumar Kantilal Patel, Dr. Piyush Rameshbhai Patel, Nirav Mehta, Mr. Chandresh Patel, Arvind Nakiya and Dr. J. J. Patel Patel	Feasibility study of EV charging station with Renewable Hybrid Power Plant for Maldives	Green Technologies	5	IN PERSON				
999908	Diksha Saxena, Vishal Kumar Sandhwar, Jeel Patel , Dharmit Desai	ANALYSIS OF PROPERTIES OF COIR BASED NATURAL FIBERS REINFORCED COMPOSITES	Green Technologies	6	IN PERSON				

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999902	Bhumika Parmar, Vishal Kumar Sandhwar, Shivendu Saxena Arvind R. Yadav, Unnati Joshi	Treatment of Municipal Wastewater using Microalgae and Green Synthesized Nanocatalyst: Process Optimization by Response Surface Methodology	Green Technologies	1	IN PERSON	9	11:00PM to 01:00 PM	6th May 2023	A-116- A Block, PIET (Ground floor)
999904	Bhargavkumar Patel, Shivendu Saxena, Vishal Kumar Sandhwar, Arvind R. Yadav, Unnati Joshi	Activated Sludge Process followed by Catalytic Treatment of Sewage: Optimization of Process	Green Technologies	2	IN PERSON				
2890	Blessing Kudzai Matanda, Vijay Patel, Unnati Joshi, Anand Joshi	A Review on Powders Used for PMEDM Machining Process	Green Technologies	3	IN PERSON				
999906	Yagnik Patel and Pradeep Kumar Karsh	A Review on Fabrication and Application of Functionally Graded Material	Green Technologies	4	IN PERSON				
999907	Dheeraj Raj, Sanjay Kr. Sada, Anil Raut, Chetan Singh Chundawat, Dr. Vijay K Patidar, Vishal Nizama, Vishal Sethi	Design and Fabrication of Sweepback Parachute	Green Technologies	5	IN PERSON				

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6573	Pranavkumar Patel, Vipul Vekariya, Jaimeel Shah and Brijesh Vala	Detection of Traffic Sign Based on YOLOv8	Artificial Intelligence	1	IN PERSON	10	11:00PM to 01:00 PM	6th May - 2023	A-211- A Block, PIET (First floor)
7206	Shivangi Patel, Dheeraj Kumar Singh and Jayshree Parmar	Comparative Study of Visual Explanation Methods for Convolution Neural Network	Artificial Intelligence	2	IN PERSON				
8493	Mrs. Raksha Patel, Mr. Yash Shah, Dr. Anand Mankodia, Dr. Vipul Shah and Dr. Manish Thakker	Comparison of Supervised Machine Learning Methods for Prostate Cancer Predication.	Artificial Intelligence	3	ONLINE				
8524	Nishaben Prajapati	Comparative Analysis of Deep Learning Algorithms for Detection of Coronary Atherosclerosis	Artificial Intelligence	4	ONLINE				
9010	Rahul Sonar, Sumitra Menaria and Shaleen Shukla	Stock Trade Recommendations using Knowledge Graph and Graph Neural Network	Artificial Intelligence	5	IN PERSON				
9869	Mehul Patel, Dr.Amit Barve, Dr.Daxa Vekariya and Prof.Ankit Chauhan	Survey On Human Speech Emotions Identification Using Deep Learning Algorithms	Artificial Intelligence	6	IN PERSON				