

ICET 2025

Registration

at

Energy Centre

Starting from 9 AM (21st, 22nd February 2025)

For more information contact:

Student coordinator

DAY1(21st February,2025)	
TIMING:2:00 PM–3:00 PM	
Session-1(Online)	
Venue: [Renewable Energy Class Room], Energy Centre, MANIT Bhopal	
Session Chair: Dr. Shivali Sahota (Universi tàdegli StudiNuccolò Cusano, Rome), Dr. Dhurv Singh	
Student Co-ordinator: Mr. Virag Bohre (9425128596), Ms. Palak Tiwari, Mr. Mayank Singh (8357895566)	
PaperID.	Title(Authors)
ICET101	Potential of Agrivoltaic (Solar Energy + Agriculture) for solarization of Agricultural Feeders in Uttar Pradesh (India)(Jitendra Pal Singh) 6397627602,
ICET105	Experimental investigation of Nusselt number and friction factor Characteristics of double pass solar air heater with roughened collector (Ravi Kant Ravi) 7830605240
ICET112	Numerical investigation of modified S-1046 profile on the performance of Darrieus Hydrokinetic Turbine, (Anuj Kumar) 7669037769,
ICET113	CFD based Optimization of Overlap Ratio for Savonius Turbine with Divergent Slot (Anuj Kumar) 7669037769,

Tea Break – 3.00 p.m. to 3.30 p.m. (Energy Centre, MANIT Bhopal)

DAY1(21st February,2025)	
TIMING:2:00 PM–3:00 PM	
Session-2(Online)	
Venue: [Computer Lab] , Energy Centre, MANIT Bhopal	
Session Chair: Dr Archana Soni (MANIT, Bhopal), Mr. K K Kalra	
Student Co-ordinator: Mr. Bharat Girdhani (8085517662), Mr. Nitin Barodiya (7987631519), Mr. Santosh Kumar (9407554026)	
Paper ID.	Title
ICET117	Experimental Investigations on Multi-passage Finned Type Solar Receiver, (Dr. Santosh Bopche), 8351822832
ICET118	Cooperative model in Bio-CNG production,(Naveen Kumar Yadav), 7766903371
ICET120	Experiment to Extract Components of Rose Flower through Solar Energy (Fresnel lens) using Acetone and Methanol Solvent, (Yogesh Kumar Tembhurne), 7869590041,
ICET121	Environmental Performance evaluation of Agrivoltaic system for hot arid region, (Digvijay Singh), 9664271996,

Tea Break – 3.00 to 3.30 p.m. (Energy Centre, MANIT Bhopal)

DAY1(21st February,2025)	
TIMING:2:00 PM–3:00 PM	
Session-3(Offline)	
Venue: [Conference Room], Energy Centre, MANIT Bhopal	
Session Chair: Dr. Ravindra D. Jilte (MANIT, Bhopal), Prof. Kavita Gidwani Suneja (MANIT, Bhopal)	
Student Co-ordinator: Mr. Kaustubh Singh (7223809411), Mr. Amrendra kr Amar(9039202771)	
Paper ID.	Title
ICET216	A Novel Hybrid Material for Next-Generation Sustainable Solar Cells, Saurabh Mishra, 8051127028,
ICET213/215	Hybrid Macro-encapsulation of PCM in Concrete Bricks for Building Thermal Management, Saurabh Mishra, 8051127028
ICET170	Numerical modelling of Heat Pipe for enhancement of overall performance by variable working fluid and different glass material, Apsad Ali, 7725832390,
ICET194	"Energy Harvesting for IoT Devices", Adarsh Patel, 7697117371,
ICET123	Real Time Waste Water Quality Analysis & Monitoring using LoRaWAN, Abhijeet Singh, 7880780011,
ICET291	Data Mining and Artificial Intelligence based operation Management of Pressure tide gauge for tidal power plant, Vikas khare, Monica Bhatia, Dr Prashant V Baredar, 9098216248, 9098216248

Tea Break – 3.00 to 3.30 p.m. (Energy Centre, MANIT Bhopal)

DAY1(21st February,2025)	
TIMING: 2:00 PM–3:00 PM	
Session-4(Offline)	
Venue: [Cable Technology Lab], Energy Centre, MANIT Bhopal	
Session Chair: DR. RAVI SHANKAR BHARADWAJ (Senior. Principal Scientist In-charge R&D), Mr. Chandrabhusan Tiwari (IES University, Bhopal)	
Student Co-ordinator: Mr. Raghvendra Kumar (9009848241), Mr. Neetesh ku. Gupta (8654809402)	
PaperID.	Title
ICET190	Comparative Analysis of Advanced Material Braking Systems in High-Speed Vehicles, Shreya Katare, 87199 82095,
ICET195	Advancements and Challenges in Pillow Plate Heat Exchangers: A Comprehensive Review, Kailas Dudhe, 8605837764,
ICET275	Computer based interface system for online testing of parameters for solar dryers, Shan Mahto, 9039417755,
ICET158	Efficient Condition Monitoring of Small-Scale Wind Turbine Model Through Supervised Machine Learning Classification Using Acoustic Data, (Lalit Kumar Bansal), 8416809867,
ICET173	Review of Real-Time Fashion Recommendation Frameworks: AI-Based Approaches to Clothing, Hairstyle, and Skin Tone Analysis, Atharva Kathole, 7666554802,
ICET290	Influence of Bamboo powder on reinforced Epoxy composites, Arun Kumar Sharma, Archana Nigrawal, Prashant V. Baredar,

Tea Break – 3.00 p.m. to 3.30 p.m. (Energy Centre, MANIT Bhopal)

DAY1(21stFebruary,2025)

Keynote Address-

TIMING: 3:30 – 4:30PM

Session-5(Online)

Venue: [Cable Technology Lab], Energy Centre, MANIT Bhopal

Session Chair: Dr. Rajkumar Malviya (President – Karmayogi Jankalyan Sanstha)

Student Co-ordinator: Mr. Raghvendra Kumar (9009848241) Mr. Neetesh ku. Gupta (8654809402)

Paper ID.	Title
ICET125	Application of Machine Learning in Greenhouse-Type Solar Dryer Systems: A Review, Sachin kumar nikam, 9977014343
ICET128	A study on efficiency of punched electrodes in treatments of soaps & detergent wastewater, Dr Ravindranath C, 9742059504,
ICET130	Precision Cotton Health Classification: A Deep Learning Approach for Disease Detection, Dr. Neerja Suresh Dharmale, 7898046032,
ICET131	Malaria Diagnosis Using Convolutional Neural Networks: A Comprehensive Study, Mayur Borle, 9359923290
ICET132	Early Detection of Bollworm Infestation in Cotton Plants Using Convolutional Neural Networks, Dr.Neerja Suresh Dharmale, 7898046032
ICET135	Development of Event management software using Haversine Algorithm, Dr. Lokesh C, 8147247208,

DAY1(21stFebruary,2025)	
Keynote Address-	
TIMING: 3:30 – 4:30PM	
Session-6 (Offline)	
Venue: [Conference Room], Energy Centre, MANIT Bhopal	
Session Chair: Dr. Vijay Panchore (MANIT, Bhopal), Dr. Shivendra K Chaurasiya (MANIT, Bhopal)	
Student Co-ordinator: Mr. Kaustubh Singh (7223809411), Mr. Amrendra k Amar(9039202771)	
Paper ID.	Title
ICET163	Evaluation of Mechanical Properties of Eco-friendly concrete with Marine Sand as Partial Replacement of River Sand, SHIVANJALI RAWAT, 9111706316,
ICET102	AIR QUALITY IN JAIPUR: TRENDS, POLLUTION SOURCES, AND POLICY MEASURES, Kuldeep Kamboj, 9782044592,
ICET103	AIR QUALITY PREDICTION USING MACHINE LEARNING FOR KOTA CITY, RAJASTHAN: A MULTI-STATION ANALYSIS (2017-2024), Kuldeep Kamboj, 9782044592,
ICET104	Assessing Air Quality Variations and Trends for Kota city, Rajasthan (India), Sohil Sisodiya,
ICET272	An analysis of Aspen simulation of multiple process for producing hydrogen from biogas and landfill gas, Mr Dhruv Singh,
ICET292	Development of ANFIS Model for diesel engine operating on the pyrolysis oil blends, Rajeev Singh Chauhan, prof. Nitin Shrivastava, Prof. Veerendra kumar, 9039422746,

DAY1(21stFebruary,2025)

Keynote Address-

TIMING: 3:30 – 4:30 PM

Session-7(Online)

Venue: [Renewable Energy Class Room], Energy Centre, MANIT Bhopal

Session Chair: Dr. Ashis Kumar Pradhan (MANIT, Bhopal)

Student Co-ordinator: Mr. Virag Bohre (9425128596), Ms. Palak Tiwari , Mr. Mayank Singh (8357895566)

Session Link:

PaperId.	Title
ICET137	Identification of Suitable Blend of Crude oils by Non Linear Programming Optimization- Case Study for a Refinery, Brahmaiah Binginapalli, 9490168791,
ICET138	Drum Brake Effectiveness With Different Materials And Coatings - A Review, Mirza Ateeb Beg Rajvi, 9584283898,
ICET139	Medical data management and distribution system using blockchain technology, 8767368297, 10ishadeshmukh@gmail.com ,
ICET140	Implementation of Cuk converter for MPP tracking and voltage control in PV Application, Rahul Sarker, 9233942457,
ICET147	Survey on Automatic Medicine Dispenser, Prajwal Dabre, 9552133842,
ICET151	Optimization of solar energy using a dual axis solar panel tracking system, Venkatratnam Chitturi, 7204096010,

DAY1(21stFebruary,2025)	
Keynote Address-	
TIMING:3:30PM–4:30PM	
Session-8(Online)	
Venue- [Computer Lab], Energy Centre, MANIT Bhopal	
Session Chair: Mr. Sujeet keshwani (OYU Greens Bhopal), Mr. Chandrabhusan Tiwari (IES University, Bhopal)	
Student Co-ordinator: Mr. Bharat Girdhani (8085517662), Mr. Nitin Barodiya (7987631519), Mr. Santosh Kumar(9407554026)	
Session Link :	
PaperId.	Title
ICET153	Indoor Navigation System For Visually Impaired Using Beacon Technology, Shailesh V. Deshmukh, Dhanshri A. Vade, Madhavi J. Mahabudhe, Govind A. Dhande, Vaibhav S Girnale, 9309085198,
ICET154	Solar Thermal Collectors for Decentralized Cooking: A Review of Design and Implementation Strategies, Akshat Garg, 8077546101,
ICET155	Identifying impacts of COVID-19-driven lockdown on the Indian Power Sector, V S K V Harish, 8979552840,
ICET156	Novel Cognitive action of eye and mind during creation of clay toy inspired optimization algorithm: case study on North- eastern region of India, Dr. Lenin Kanagasabai, 9494040709,
ICET157	Innovative Methodologies for Low-Volume H2S Mitigation in Natural Gas Streams: A Case Study, Priyanka, 9429898034,
ICET159	PERFORMANCE ANALYSIS OF TWO AND THREE-WHEELER ELECTRIC VEHICLES, D.Ragaleela, 9949418868,

DAY2(22ndFebruary,2025)	
TIMING: 11:00 AM–12:00PM	
Session-9(Online)	
Venue: [Computer Lab], Energy Centre, MANIT Bhopal	
SessionChair: Dr. Shivali Sahota, Dr. Dhurv Singh	
Student Co-ordinator: Mr. Bharat Girdhani (8085517662), Mr. Nitin Barodiya (7987631519)	
Session Link:	
PaperId.	Title
ICET160	Performance Assessment of Enriched Biogas Fuel under varying compression ratio and ignition location in spark Ignited Engine, Dr.Ashish J. Chaudhari, 8830385807,
ICET161	Performance Assessment of a 5-Level Multilevel Inverter for Solar Photovoltaic Systems, Dr. Anurag Chauhan, 8171015620,
ICET164	A comprehensive study on the effects of hydrogen addition with watermelon seed oil biodiesel: An analysis of combustion, performance, and emission properties in a CI engine, G.Arun kumar, 9025521152,
ICET165	Parametric Optimization of Biodiesel Production from Waste Cooking Oil Using the Taguchi Method, Raj Kumar, 8982160106,
ICET166	Novel Trampoline jumping algorithm and probability distribution based optimization for solving optimal power flow problem, Lenin Kanagasabai, 9494040709,
ICET169	Drone-Based Weirs Inspection and Analysis for Enhancing Infrastructure Monitoring of Water Resources in smart cities, Kamlesh Tulshiram Kahar, 8087103768,

DAY2(22ndFebruary,2025)

TIMING: 11:00AM–12:00 PM

Session-10(Online)

Venue[Conference Room], Energy Centre, MANIT Bhopal

Session Chair: Dr. Rutuja M. Chavan (MANIT, Bhopal), Dr Bivina G R (MANIT, Bhopal)

Student Co-ordinator: Mr. Kaustubh Singh (7223809411), Mr. Amrendra k Amar (9039202771)

Session Link:

PaperId.	Title
ICET171	The potential of Scheffler concentrator-powered Stirling engine for decentralized power production, Aniket Akhade, 9730045172,
ICET172	Advancing Clean Energy Solutions in Agriculture: Mitigating Greenhouse gas Emissions Through Renewable Energy and Sustainable practices, Sravankumar jogunuri, 9418696958 , 83474 78789,
ICET175	Enhancing Efficiency in Photovoltaic Thermal Systems: A Computational Analysis of Water Flow Dynamics, Tabish Alam, 9411007747,
ICET177	PRODUCTION OF FUEL FROM HDPE AND LDPE, RAJ KUMAR YADAV, 8982160106,

DAY2(22nd February,2025)

TIMING: 11:00AM–12:00 PM

Session-11(Online)

Venue: [Renewable Energy Class Room], Energy Centre, MANIT Bhopal

Session Chair: Dr. Ashis Kumar Pradhan (MANIT, Bhopal), Dr. Namrata (MANIT, Bhopal)

Student Co-ordinator: Mr. Virag Bohre (9425128596), Ms. Palak Tiwari

Session link:

PaperId.	Title
ICET178	An Investigation of Machine Learning Techniques for Improved Reservoir Characterization, Anoop Kumar Shukla, +91 8546030333,
ICET179	Experimental Investigations on the performance and emission characteristics of SI engine fueled with blends of ethanol and graphene oxide nanoparticles, Dr. Milind S. Yadav, 8668762644,
ICET180/181	"Enhanced Copper Removal: A Photocatalytic Approach Using structured ZnS:Cu nanoparticles doped on Activated Carbon (ZnS:Cu-NP-AC) nanomaterial", Sneha S. Bandekar, 9449200828,
ICET182	A multidisciplinary review of thermo-physical and tribological properties of nano-lubricant and nano-refrigerants, Md Jamil Akhtar, 9074352381,
ICET183	A review on opportunities and challenges of RCCI combustion fueled by hydrogen and natural gas, SHIV MANGAL SINGH, 8269476811,
ICET185	Prediction of energy performance for a refrigeration cycle test rig working with varied composite nano-fluids (TiO ₂ -Al ₂ O ₃ /MO), Ankit Kumar, 7897370675,

DAY2(22nd February,2025)

TIMING: 11:00AM–12:00 PM

Session-12(Online)

Venue- [Bio-Energy Lab], Energy Centre, MANIT Bhopal

Session Chair: Dr. Gaurav Upadhyay (MANIT, Bhopal), Dr. Khushhali M. Pandey (MANIT, Bhopal)

Student Co-ordinator: Mr. Neetesh ku. Gupta (8654809402), Mr. Santosh Kumar (9407554026),

Session Link :

PaperId.	Title
ICET186	DUnet-MI: Noise Correction in Medical Images by Implementing Autoencoder Type Artificial Neural Networks, Achyutha Prasad N, +91 99868 22889,
ICET188	Pathway to net-zero emission: Inorganic polymer composite in transforming infrastructure sustainability, NAGARAJ V K, 9980931905,
ICET189	Modeling, Simulation, and Multiplicity Analysis of a Solar-Powered Reactive Distillation Column for Methyl Acetate Production, Shivangi Sharma, 7223819674,
ICET191	DOMAIN-SPECIFIC ARTIFICIAL INTELLIGENCE FOR BIO HEAT TRANSFER REGULATION USING BIOPHYSICS-INFORMED NEURAL NETWORKS, P. Ravindhiran, 8300090860,
ICET192	"Nano-Enhanced Phase Change Materials: Advancing Thermo-Physical Properties for Energy Storage Applications", Manish Shukla, 8878748898,
ICET196	Enhancing E-Commerce Experiences Through Trust-Centered Recommender Systems, Divya Rajkumar Thanvi, 8888158673,

DAY2(22nd February,2025)

Keynote Address-

TIMING: 11:00AM–12:00PM

Session-13(Online)

Venue: Cable Technology lab, Energy Centre, MANIT Bhopal

Session Chair: Dr.Suryakant Gautam (MANIT, Bhopal),

Student Co-ordinator: Mr. Aditya Adi (9340626397), Mr. Raghvendra Kumar (9009848241)

Session Link:

PaperId.	Title(Authors)
ICET197	Application of IOT in Solar Dryer Design, Neetu Singh, 9654874422
ICET198	Review of Advances in Solar Dryer Design and Technologies, Neetu Singh, 9654874422,
ICET200	Bamboo as a sustainable building material for construction industry development: A systematic review of properties and standards, Samyak Moon, 9561244667,
ICET202	Design and Analysis of Casing for an Electric Vehicle Battery, Kaustubh Jambhale, 8291572139,
ICET203	Sustainable High Energy Density Fuel: A Comprehensive Study of Cyclopropanated β -Pinene's Properties and Applications, Sakshi .Sangwan, 08449741065,
ICET204	Barriers to Smart Maintenance implementation: A Strategic Exploration, Mahadev Naik, 8600876726,

DAY2(22st February,2025)

Keynote Address-

TIMING: 12:30PM–1:30PM

Session-14(Online)

Venue: [Computer Lab], Energy Centre, MANIT Bhopal

Session Chair: Dr. Vijay Bhaskar Semwal (MANIT Bhopal), Dr. Mukesh Kirar (MANIT, Bhopal),

Student Co-ordinator: Mr. Bharat Girdhani (8085517662), Mr. Nitin Barodiya (7987631519)

Session Link :

PaperId.	Title(Authors)
ICET205	Methodological Trends in Solar Irradiance forecasting: A Literature Review, Manvi Mishra, 7985862207
ICET207	Thermal Performance Analysis of CuO Nanofluid in a De-coupled Hybrid Photovoltaic/Thermal System: An Outdoor Testing, Ashish Kumar, 8292200995,
ICET208	Development of portable system for extraction of essential oil from waste flowers, Gaurav Narayan Deshpande, 9970743945,
ICET209	Process Optimization and Removal of turbidity and total dissolved solids of Lake Water using biocoagulants derived from water Melon seed., Dr. Sateesh N.Hosamane, 9448776350,
ICET211	Integration of Proton Exchange Membrane (PEM) Fuel Cells with Other Energy Systems for Enhanced Efficiency and Energy Demand Fulfillment – A comprehensive Review, Rajesh Chaturvedi, 9074253001,
ICET212	Wind-solar-hydrogen hybrid energy generation system prospects, Shresth Saini, 9868025500,

DAY2(22nd February, 2025)

Keynote Address-

TIMING: 12:30PM–1:30PM

Session-15(Online)

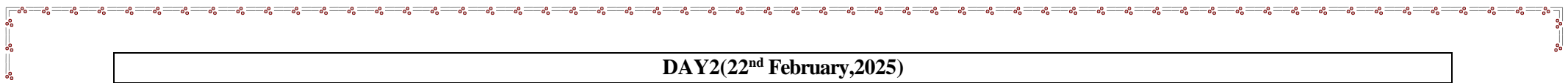
Venue: [Conference Room], Energy Centre, MANIT Bhopal

Session Chair: Dr. Ashish Singhal (SISTEC-R, Bhopal), Dr. Namrata Talegaonkar (SISTEC-R, Bhopal)

Student Co-ordinator: Mr. Kaustubh Singh (7223809411), Mr. Amrendra k Amar (9039202771)

Session Link:

PaperId.	Title(Authors)
ICET217	"Sustainable essential oil harvesting: a solar thermal route", Anil Kumar, 9425680448,
ICET218	Computational Modelling of a 26650 Cylindrical Lithium-ion Battery using Composite Phase Change Materials for Thermal Management, S. Venkatachalapathy , 9177883432,
ICET219	AI Powered Facial Emotion Recognition: Addressing Accuracy and Challenges, MACHIREDDY ANJANI KUMAR REDDY, 7569012929,
ICET221	Empowering Communities Through Redistribution: A Survey on Digital Innovations, Ishwari Pramodpant Nikam, 7058454652,
ICET223/224/238	Early Detection of Alzheimer's Disease Using Convolutional Neural Networks and Natural Language Processing., Tejaswini Bhagat, 9370606384,
ICET229	LSTM based Intermittent Fault Detection in Nuclear Power Plant Instrumentation, Neha Rani Yadav, 9969757687,



DAY2(22 nd February,2025)	
Keynote Address-	
TIMING: 12:30PM –1:30PM	
Session-16(Online)	
Venue: Renewable Energy Classroom, Energy Centre, MANIT Bhopal	
Session Chair: Dr. Prerana Nashine (PSSCIVE, Bhopal), Dr. Bulbul Shukla(MANIT, Bhopal),	
Student Co-ordinator: Mr. Virag Bohre (9425128596), Ms. Palak Tiwari	
Session Link:	
PaperId.	Title(Authors)
ICET230	Machine Learning-Based Control Model for Thrust Pad Bearing in Francis Turbine for Prediction, Dr. RAVI KUMAR, 8766789836,
ICET231	FLOW COMPARISON OF BELL NOZZLE USING METHOD OF CHARACTERISTICS, Balaji Ravi, 9444670477,
ICET232	Exploring Algae-Derived Biofuel as a Sustainable Substitute for Traditional Fuels in Compression Ignition Engines, Dr. nitin shrivastava, 9770478785,
ICET233	Enhancing Solar Thermal Energy Storage with Nano-Enhanced Eutectic Candelilla Wax-Based Phase Change Materials for Flat Plate Collectors, Himanshu Mishra, 8299543400,
ICET235	Cyber Vulnerabilities and Resilience Strategies in Power Electronics-Integrated Power Systems, Aftab Ahmed Ansari, 8878425322,
ICET236	Investigation of Performance Parameters of Passive Evacuated Tube Collector Using Taguchi’s Optimization Approach, Vedansh Chaturvedi, 8989273208,

DAY2(22nd February,2025)	
TIMING:12:30PM–1:30PM	
Session-17(Online)	
Venue: [Bio-Energy Lab], Energy Centre, MANIT Bhopal	
Session Chair: Dr. Giribabu Dyanamina (MANIT, Bhopal), Dr. Sumit H. Dhawane (MANIT, Bhopal),	
Student Co-ordinator: Mr. Neetesh ku. Gupta (8654809402), Mr. Santosh Kumar (9407554026)	
Session Link:	
PaperId.	Title(Authors)
ICET237	Design of window operators based on fuzzy mathematics for medical image segmentation, Ms. Pallavi Vippagunta, +91 95739 46263,
ICET238	Early Detection of Alzheimer’s Disease Using Convolutional Neural Networks and Natural Language Processing.
ICET240	Impact of arc-shape rib’s pitch and height on the solar air collector’s performance for drying application: A 2D numerical analysis, Shekher Sheelam, 7981187811,
ICET245	Experimental investigation of the impact of Addition of DEE on the efficiency and emissions of a CI engine running on blends of Juli Flora and diesel, D. Saravanan, 7904491750,
ICET246	Advancing Power System Security with Data-Driven Approaches and Artificial Intelligence, Jaydeep Parmar, 9998682446,

Lunch Break (1.50PM to 3.00PM)

DAY2(22nd February,2025)	
TIMING:12:30PM–1:30PM	
Session-18(Online)	
Venue: [Cable Technology Lab], Energy Centre, MANIT Bhopal	
Session Chair: Dr. Deepak Kumar (MANIT, Bhopal),	
Student Co-ordinator: Mr. Aditya Adi (9340626397), Mr. Raghvendra Kumar (9009848241)	
Session Link:	
PaperId.	Title(Authors)
ICET247	Influence of MgO ₂ and Al ₂ O ₃ nano additive biodiesel blends on the Performance and Emission Parameters of a DI Diesel engine, Dr. ANCHUPOGU PRAVEEN, 8143679931,
ICET251	An Improved Algorithm for SoC Estimation Using a Hybrid Coulomb Counting and Voltage-Based Method, P. R. Dhabe, 9822190165,
ICET252	Analysis of gasifier-IC engine performance characteristics using babul wood feedstock, Anushka Shagun, 9785404303,
ICET253	Use of Manufactured Sand from Indian Green Marble Waste for Concrete Production, Aman Jain, 9460632662,
ICET254	Enhance Power Quality of Renewable Energy Source Penetrated Utility Grid by Using Dynamic Voltage Restorer, Umashankar Sharma, 9413805454,
ICET256	PERFORMANCE ANALYSIS OF GASIFIER-IC ENGINE USING LOW-GRADE COAL FEEDSTOCK, Rishikesh, 9651014780,

Lunch Break (1:30PM to 3.00PM)

DAY2(22nd February,2025)	
TIMING:3:00PM–4:00PM	
Session-19(Online)	
Venue: Computer Lab, Energy Centre, MANIT Bhopal	
Session Chair: Dr. Anoop Shukla (Amity university Noida), Dr. Ashwani Kumar Yadav (Technical Education Department, UP)	
Student Co-ordinator: Mr. Nitin Barodiya (7987631519), Mr. Raghvendra Kumar (9009848241)	
Session link:	
PaperId.	Title(Authors)
ICET257	A Critical Review of Electrolysis-Based Hydrogen Production: Advancements and Limitations, Khushbu Yadav, 8447400821
ICET258/260	Hybrid Energy Optimization for Sustainable Operations and Electric Ambulance Charging at Shri Ram Janki Medical College and Hospital, Samastipur by using HOMER Pro Software, Krishan kant kumar, 9135024371,
ICET261	Numerical Investigation of Hybrid Pin-Finned Heat Sinks filled with Phase Change Material for Optimized Thermal Performance in Mobile Electronics, Tushar Choudhary, 9752005705,
ICET264	Remaining Useful Life Prediction of Lithium-ion Batteries of Electric Vehicles using Wiener Process and Kalman Filter., Suryakant Gautam, 9780894250,

Valedictory Session-

DAY2(22nd February,2025)	
TIMING: 3:00PM–4:00PM	
Session-20(Online)	
Venue: Renewable Energy Classroom, Energy Centre, MANIT Bhopal	
Session Chair: Mr. Praveen Kulkarni, Dr. Saurabh Tiwari	
Student Co-ordinator: Mr. Virag Bohre (9425128596), Ms. Palak Tiwari	
Session Link:	
PaperId.	Title(Authors)
ICET267	Analyzing the Impact of Cyclic Variations on Engine Performance, Satsimran Singh, 9876112815,
ICET269	Simulation Design and Analysis of Grid-Connected 600 kWp Solar PV Farm for Local Utility Network Load, Dr. Virendra Sharma, 8225819180,
ICET273	Investigation of Experimental Analysis Heat Transfer with TiO ₂ (0.2%, 0.3%, and 0.4%) Water Nanofluid Jet Impingement, Nasir Alam, 8294382086,
ICET274	Influence of Air Conditioning Parameters on Thermal Comfort and Energy Efficiency in Enclosed Spaces, Ritik Singh Rawat, 9755545059,
ICET289	Hydro power energy as a substitute of Renewable Energy in India by 2024, Naveen Hooda, 9416958677,

Valedictory Session-

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