



Date: 24/06/2025

## SCHEDULE

**National Conference on Innovation in Science, Engineering & Technology (NCISET 2025)**

**Track 5: Mechanical Engineering**

**Location: B104 CAD Lab (B-Buiding First Floor)**

**Keynote Session: 11:30 to 12:00**

### ONLINE

Sr. No.	Paper ID	Time	Title	Author Name
1	T5-02	12:00 to 12:08	A Review on Multifaceted biomaterials used for hip joint prosthesis and its	Saili Ramesh Kulkarni Dr N. G. Phafat Associate Professor,
2	T5-03	12:10 to 12:18	Application of Design of Experiments and Taguchi Methods to Study Heat	Shaikh Sohel. Mohd Khalil Khizar Ahmed Pathan, Laxman Mishra,
3	T5-04	12:20 to 12:28	A Comprehensive Review of Heat Transfer Augmentation Strategies	GAURAV NARAYAN DESHPANDE Yes, Dr. N. G. Phafat
4	T5-05	12:30 to 12:38	PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE	Bhojraj N Kale Dr. Vivek G Parhate; Dr. V.G.Arajpure ; Ram Wayzode; &
5	T5-06	12:40 to 12:48	A Vision for a Sustainable Future of Textiles in Automotive Sector	M.SASIKALA Dr.K.Sangeetha, Dr.S.Aruna Sampath and

### OFFLINE

Sr. No.	Paper ID	Time	Title	Author Name
1	T5-08	14:00 to 14:08	Some Investigations on Turning of SAF 2205 Duplex Stainless Steel using	Deepakkumar Patil Anuja Pawar, Preeti Jadhav
2	T5-09	14:10 to 14:18	Design and Development of Automated Multi-Vegetable Transplanter	Ravindra Somnath Ghate Author: Prof.Sachin Bhaskar Lahane
3	T5-10	14:20 to 14:28	Recent developments in hydrogen vehicles	Prof Pavan B Chaudhari Tushar More, kalyan Lahane
4	T5-11	14:30 to 14:38	Experimental study on the Effect of Serpentine Tubes on Heat Exchanger	Sudhakar Vitthalrao Giri Arun Autee, Ankush Khansole, Rajendra
5	T5-12	14:40 to 14:48	Comparison of Industrial Robots vs. CNC Machines for Incremental Sheet Metal	Vaibhavgir Yadavgir Gosavi Shaikh Abdul Ahad, Yuvraj Kishor
6	T5-14	14:50 to 14:58	Performance Analysis of Different Types of Cutting Lubricants Used for	pushkar uttam sonawane Vaibhav A. kathar , Ravindra S. Surase
7	T5-15	15:00 to 15:08	Battery Pack Air Cooling System	Rushikesh Narayan Patil Dr.S.R Jambhale , Prof.V.Y.Gosavi
8	T5-16	15:10 to 15:18	Design and development of throttle by wire	Vaibhav mahindrakar Prof p b Chaudhari, nikita wagh , omkar
9	T5-17	15:20 to 15:28	Design and Development of Brake by Wire	Shubham Mote Leena Suresh Kulkarni, Avinash Vitthal Dhawale,
10	T5-18	15:30 to 15:38	Design and development of steering by wire	Astha kamdi Prof. P b Chaudhari, vidhya mhaske, sarthak pagar,
11	T5-19	15:40 to 15:48	PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE	Bhojraj N Kale Dr. Vivek G Parhate; Dr. V.G.Arajpure ; Ram Wayzode; &
12	T5-21	15:50 to 15:58	Influence of Submerged Entry Nozzle (SEN) Port Angle on Meniscus	Abhishek Santosh Vishwasu Dr manish kumar , V. G kokre
13	T5-24	16:00 to 16:08	Advances in Electrical Discharge Machining of Non-Conductive Ceramic	Dr Babasaheb D. Shinde Rahul Janjal,
14	T5-25	16:10 to 16:18	Enhancing Cooling Tower Performance Through Chiller Integration:A Technical	Rutik Vishnu Mule Eknath Ugale

**Contact Person's name and Contact no.: Prof.Sachin Lahane (+91 8208591437)**

**Link for Online Presentations: <https://meet.google.com/etz-socm-gsh>**

**Dr. K. N. Pathan & Dr. B. S. Deshmukh**  
Committee Chair

**Dr. Y. H. Bhosale**  
Dean - R&D

**Dr. G. B. Dongre**  
Principal