

Sandip Institute of Technology and Research Centre An Autonomous Institute

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Accredited with “A” grade by NAAC With CGPA Score of 3.11



SANDIP
FOUNDATION



CGPA Score:3.11

Department of Mechanical Engineering Academic Year 2023-24

Report on " Two Days National Level Workshop on “Efficient Technologies for Waste Heat Recovery” Sponsored by Science and Engineering Research Board (SERB), Department of Science and Technology, Govt. of India”

- 1. Event Title:** " Two Days National Level Workshop on “Efficient Technologies for Waste Heat Recovery” Sponsored by Science and Engineering Research Board (SERB), Department of Science and Technology, Govt. of India”
- 2. Event Date:** 08th-09th January, 2024
- 3. Event Conduction Duration:** 10.00 AM to 05:00 PM
- 4. Event Venue:** Seminar Hall, Mechanical Engineering
- 5. Event Resource Person Details:**

SNo.	Resource Person	Designation & Affiliation
a.	Dr. Sandeep S. Joshi	Assistant Professor, in Mechanical and Aero-Space Engineering at RCOEM Nagpur, Maharashtra-India
b.	Dr. Sarvesh Kashyap	Post-Doctoral Fellow at Institute for Plasma Research, Bhat Village, Near Indira Bridge, Gujarat –India.
c.	Dr. Gajanan Namdeorao Shelke	Professor at Sandip Institute of Engineering and Management, Nashik
d.	Dr. Akhilesh Singh	Assistant Professor in Department of Mechanical Engineering at Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow
e.	Dr. Abdulrajak Buradi	Associate Professor in Department of Mechanical Engineering at NITTE Meenakshi Institute of Technology, Bangalore-India.
f.	Dr. Dhurv Raj Karana	Assistant Professor in Department of Mechanical Engineering at Cummins College of Engineering for Women, Pune-India.

6. Name of Chairperson of Organising Committee: Dr. Sachin G. Ghalme

7. Name of Event Coordinator: Dr. Chandrmani Yadav

8. Objective of the Workshop: The objective of the workshop is to impart knowledge of

environmental sciences and energy conversion and storage. Connections between energy and the environment exist. It will connect all areas of environmental science, as well as the chemical, physical, and technical disciplines related to energy conversion and storage.

9. Topics to be covered

- Energy Management
- New Energy Resources
- Chemical Science
- Smart System for energy savings
- Energy & Environmental Science
- Energy Storage Techniques
- Environmental Science
- Energy and Climate Change

10. Event Outcomes

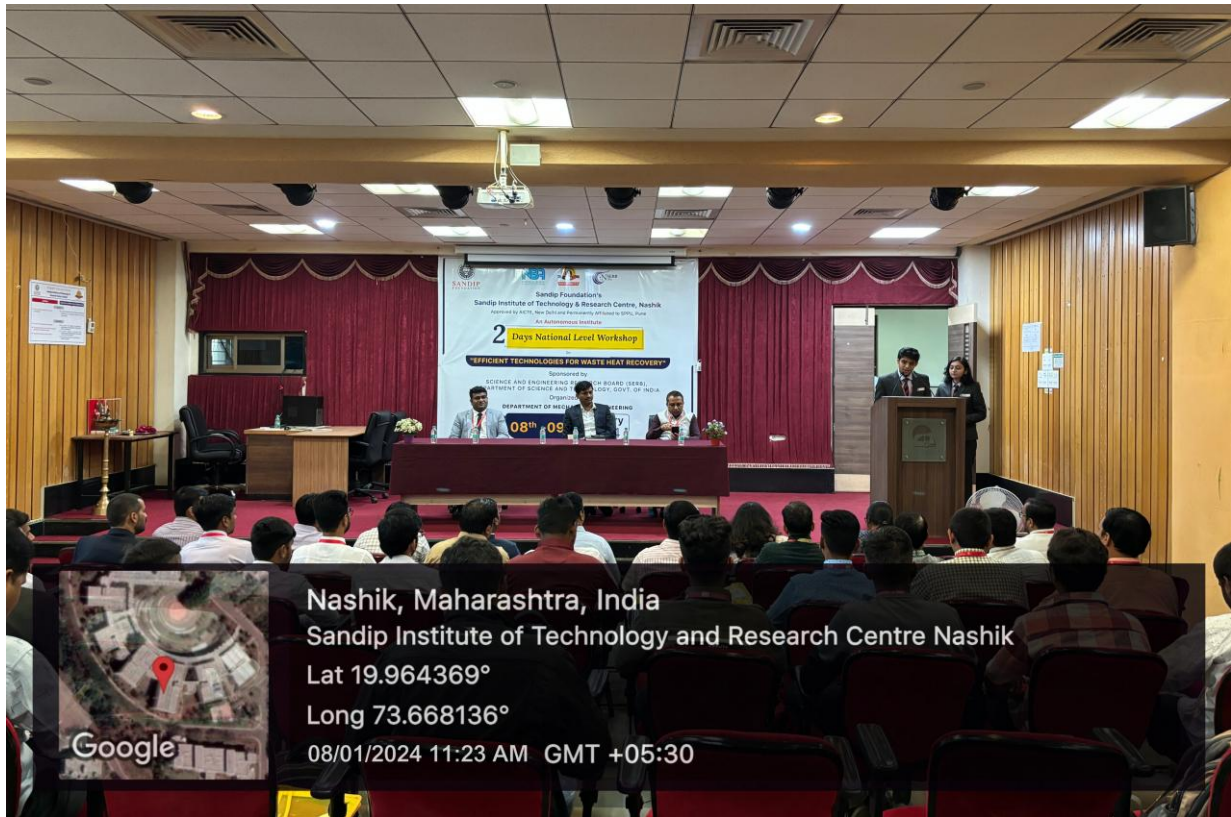
- Enable you to analyze of Energy, Storage and Environmental Engineering.
- Enable you to know the recent efficient advancements in evaporative cooling technologies.
- Provide insights about the roles of Environmental ecology.
- Make you understand Chemical aspects of Environmental Science
- Learn energy management and optimization.

8. Description of Event:

Mechanical Engineering Department, SITRC has organized "Two Days National Level Workshop on "Efficient Technologies for Waste Heat Recovery" Sponsored by Science and Engineering Research Board (SERB), Department of Science and Technology, Govt. of India" on 08th-09th January 2024. The chief guest of the event was Dr. Sandip K. Pauer, Board of Director and Head in Technology Division at AdiChem Technolgy. The National level resource persons have been delivered their valuable speeches on environmental sciences and energy conversion and storage. The resource persons briefed Solar Photovoltaic systems, Evaporative Cooling Technologies, Waste Heat Recovery, Waste Heat integrated Pumped Thermal Energy Storage System, Thermoelectric generators (TEG) and future of Thermal Energy Storage System. In this conference, several scholars from around the globe also presented their findings. So, whole event was helped the participants for their research/project works regarding to above topics. The vote of thanks was given by Dr. Chandrmani Yadav.

The event was attended by about **127** participants and students along with HoD Prof. (Dr.) Sachin G. Ghalme, and departmental faculty members.

Event Photos:



Inauguration Program





Participants with organizing committee and resource persons



Participants with their certificates


Dr. Chandrmani Yadav
Event Coordinator


Dr. Sachin G. Ghalme
HOD
Dept. of Mechanical Engineering


Prof. (Dr) M. M. Patil
Principal,
SITRC

