

### CHIEF PATRON

**Hon'ble Dr. Sandip N. Jha**  
Chairman, Sandip Foundation, Nashik

### PATRON

**Hon'ble Prof. Pramod Karole**  
Academic Facilitator,  
Sandip Foundation, Nashik.

### CONVENOR

**Prof. (Dr.) Milind M. Patil**  
Principal  
Sandip Institute of Technology and  
Research Centre, Nashik.

### CHAIRPERSON OF ORGANISING COMMITTEE

**Dr. Sachin G. Ghalme**  
Associate Professor & Head of Department  
Department of Mechanical Engineering  
Sandip Institute of Technology and Research  
Centre, Nashik.

### WORKSHOP COORDINATOR

**Dr. Chandrmani Yadav**  
Assistant Professor  
Department of Mechanical Engineering  
Sandip Institute of Technology and  
Research Centre, Nashik.

### 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.

### Duration of Workshop

The workshop will be organized in **offline mode** from **08<sup>th</sup> - 09<sup>th</sup> January, 2024** (2 Days)

### 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

### Course Outcomes

- Enable to understand the utility in Energy Management System.
- Enable you to know the recent efficient advancements in cooling technologies.
- Provide insights about the roles of Environmental Ecology.
- Make you understand Chemical aspects of Environmental
- Science Learn energy management and optimization.

### Resource Persons

- **Dr. Sandeep S. Joshi**, Associate Professor, Department of Mechanical Engineering, RCOEM Nagpur, Maharashtra-India.
- **Dr. Abdulrajak Buradi**, Associate Professor, Department of Mechanical Engineering, NITTE Meenakshi Institute of Technology, Bangalore-India.
- **Dr. Akhilesh Singh**, Post-Doctoral Fellow, School of interdisciplinary Research, Indian Institute of Technology, Delhi-India.
- **Dr. Sarvesh Kashyap**, Post-Doctoral Fellow, Institute for Plasma Research, Bhat Village, Near Indira Bridge, Gujarat –India.
- **Dr. Dhurv Raj Karana**, Assistant Professor, Department of Mechanical Engineering, Cummins College of Engineering for Women, Pune-India.

### Venue

Seminar Hall, Department of Mechanical Engineering,  
Sandip Institute of Technology & Research Centre,  
Nashik

## 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

08<sup>th</sup>-09<sup>th</sup> January, 2024



Organised by

Department of Mechanical Engineering

(NBA- Re Accredited)

**Sandip Institute of Technology &  
Research Centre, Nashik (MS)**

(An Autonomous Institute, Permanently  
affiliated to SPPU, Pune)

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  
(08<sup>th</sup>-09<sup>th</sup> January, 2024)

**ORGANIZED BY**

**DEPARTMENT OF MECHANICAL ENGINEERING**

(NBA- Re Accredited) Sandip Institute of Technology & Research Centre,  
Nashik (MS) (An Autonomous Institute, Permanently affiliated to SPPU,  
Pune)

**ABOUT SITRC**

Sandip Institute of Technology and Research Center (SITRC), the top engineering college in Nashik, Maharashtra is established in 2008 and is approved by All India Council for Technical Education, New Delhi Government of India and An Autonomous Institute permanently affiliated to Savitribai Phule Pune University, Pune. The Institute is accredited by NAAC with 'A' grade and comprehensive score of 3.11, an ISO 9001:2008 certified which provides uncompromising quality infrastructure (Faculty & facilities simply world class). This commitment is reflected in the investments made by the Institute in providing facilities to students in terms of laboratories, equipment, library books, sports, transportation and everything it takes to create an excellent environment for learning. On visiting the Campus, one is struck by the aesthetic and elegant buildings, splendid lawns, spacious sports grounds and lush green environment conducive for teaching-learning process. The Campus boasts of in-house facilities like state-of-the-art labs, spacious classrooms (with Audio-Video teaching aids), mess with hygienic food, college canteen, health care centre, gym etc. to cater all necessities of the student and the staff, ultramodern hostel facilities with beautiful surroundings. 250+ acres of Campus is about 12 km away from Nashik city. SITRC has an ambiance that stimulates intellectual thinking and academic proceedings (Teaching and Learning Process)

**DEPARTMENT OF MECHANICAL ENGINEERING**

Department of Mechanical Engineering offers undergraduate program i.e. B. Tech. Mechanical Engineering course and practices OBE (outcome-based education) for which it is NBA Accredited from 2020-21 to 2022 – 23 and Re Accredited for three years from 2023-24 to 2025-26. This is the highest and prestigious accreditation of the nation acquired as on date by only a few programs in the jurisdiction of the University, North Maharashtra region as well as the nation.

**Who can Attend**

Workshop is open to Graduate, Postgraduate and Ph.D. students and faculties from Institutes, Colleges, and Universities in India. Applicants pursuing PG/Ph.D. programmes in any specialization of Thermal & Fluid Engineering, Energy Engineering & Renewable Energy and related specialization are eligible. Students who have recently completed their PG programs are also eligible. Preference will be given to the students having interest in Waste Energy Recovery Techniques and its applications for cooling/heating purpose.

**Accommodation and Food**

Free accommodation and meals will be provided to all the selected participants for the entire workshop duration.

**Travel Support**

All selected participants will be offered local travel support.

(Ticket/Fare copy submission is must)

**Important Information**

- 1) Total numbers of seats are limited to **35**.
- 2) Registration fees: **Rs.250/-**
- 3) The shortlisted candidates will get a selection notice by E-mail and are expected to attend the workshop offline at Sandip Institute of Technology and Research Centre, Nashik Maharashtra.
- 4) A test will be conducted at end of the workshop and certificates will be issued to all participants who attended all the sessions and scored 60% in the test.

**Important Dates**

Last date for Registration: **15-12-2023**  
Notification of Selection: **within one week of form submission**  
Workshop Period: **08<sup>th</sup> - 09<sup>th</sup> January, 2024**

**How to apply**

Interested Faculty and students can register by filling the online google form below: <https://forms.gle/dHZAvS7Sed3763xr7>

By uploading application form duly signed by the Recommending Authority/Head of the Department/ Institute so as to reach on or before 15<sup>th</sup> December 2023.

Only selected participants will be informed by Email/phone, therefore the participants must provide valid E-mail IDs and phone while filling the online registration form.

The selected participants will have to acknowledge and accept the offer for participating in the workshop through return email, failing which the waitlisted participants may be called for the workshop.

Payment link: Selected participants will have to pay the fees and the link of payment will be provided later.

**For any query, please contact:**

**Dr. Sachin G. Ghalme**

Email ID: sachin.ghalme@sitrc.org

Contact No. : 9545453204

**Dr. Chandrmani Yadav**

Email ID: chandrmani.yadav@sitrc.org

Contact No. : 8858381594



**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 (08<sup>th</sup>-09<sup>th</sup> January, 2024)**

**APPLICATION FORM FOR PARTICIPATION IN**  
**WORKSHOP**

1. Full Name (in Block letters): \_\_\_\_\_
2. Highest degree: \_\_\_\_\_
3. Specialization: \_\_\_\_\_
4. Present Institute/University name and address: \_\_\_\_\_
5. Address to which reply should be sent: (in block letters) \_\_\_\_\_

(Give phone, mobile, fax & email id)

6. Date of Birth: \_\_\_\_\_
7. Sex: Male/Female: \_\_\_\_\_
8. Mention if you have participated in any training course during the previous years under SERB/other Organizations: \_\_\_\_\_
9. Need for this training and how it will help in your research activities: \_\_\_\_\_

Signature of the applicant

Date :  
Place :

Recommendations of forwarding Institute:

Signature  
Designation

Address : \_\_\_\_\_  
Date :

**Note:** Application with above details may be typed on good quality A-4 size paper and uploaded in the google form.