



Sandip Institute of Technology and Research Centre

An Autonomous Institute

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(Approved by-AICTE, New Delhi, & Govt. of Maharashtra and Permanently Affiliated to Savitribai Phule Pune University (Formerly Pune University), Pune.

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



Department of Mechanical Engineering Academic Year 2023-24

Report on "Recent Advancements in Evaporative Cooling Technologies and Sustainable Cooling Solutions for India's Composite Climates."

1. Event Title: "Recent Advancements in Evaporative Cooling Technologies and Sustainable Cooling Solutions for India's Composite Climates."

2. Event Date: 19th August 2023

3. Event Conduction Duration: 11:30 AM to 12:30 PM

4. Event Venue: Mechanical Engineering Department, SITRC

5. Event Resource Person Details: Dr. Sarvesh Kashyap

6. Name of Event Coordinator: Dr. Chandrmani Yadav

7. Event Objectives & Outcomes

Objectives of Activity:

1. Participants should be able to know the working principle, classification, applications, advantages and limitation of evaporative coolers.
2. Participants should know the recent advancements in evaporative cooling technologies, i.e., applicable for India's Composite Climates.

Outcomes of Activity:

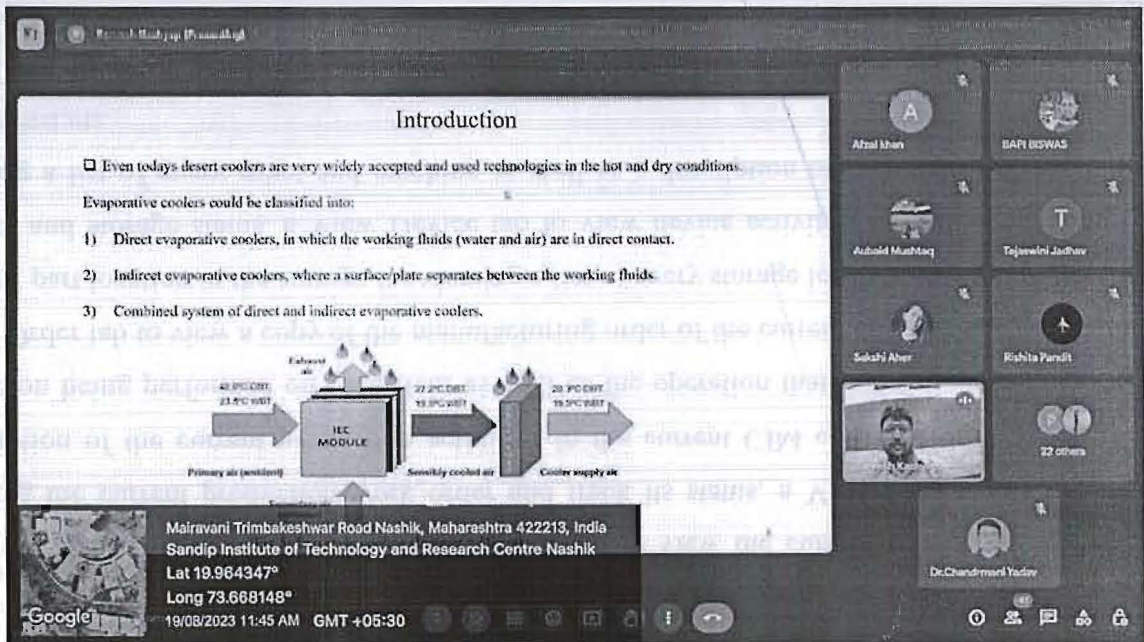
1. Participants came to know about the evaporative coolers.
2. Participants were aware of the recent advancements in evaporative cooling technologies.

8. Description of Event:

Mechanical Engineering Department, SITRC has organized an expert lecture for the students of Mechanical Engineering and Automation and Robotics Engineering on 19th August 2023. The resource person was Dr. Sarvesh Kashyap, Institute of Plasma Research (IPR), Gandhinagar. He is working on CFD and Experimental analysis on cryocoolers. The resource person was felicitated by our HoD Dr. Sachin G. Ghalme.


The resource person is currently Post-Doctoral fellow in Institute of Plasma Research (IPR), Gandhinagar, India. The resource person briefed the introduction of evaporative coolers, classification applications, advantages and limitations of evaporative coolers. He also explained the various impressive new technologies that were used in evaporative coolers to enhance the performance of cooling as per human comfort. The vote of thanks was given by Dr. Chandrmani Yadav and the program is concluded.

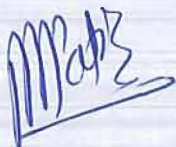
Event photos:-






Dr. Chandrmani Yadav
Event Coordinator


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


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

