

# Sandip Institute of Technology and Research Centre An Autonomous Institute

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## Department of Mechanical Engineering Academic Year 2023-24

### Report on "Expert Lecture on Reactive Thermoplastic Composites - A shot at sustainable future and challenges”

- 1. Event Title:** "Expert Lecture on Reactive Thermoplastic Composites - A shot at sustainable future and challenges”
- 2. Event Date:** 12<sup>th</sup> December 2023
- 3. Event Conduction Duration:** 11:30 AM to 12:15 PM
- 4. Event Venue:** Online Platform, Google meet
- 5. Event Resource Person Details:** Dr. Anand Gaurav  
Department of Mechanical Engineering,  
SRMUH, Sonapat.
- 6. Name of Event Coordinator:** Dr. Chandrmani Yadav

#### 7. Event Objectives & Outcomes

##### Objectives of Activity:

To understand the Thermoplastic composites materials, its fabrication steps, applications and scopes in future.

##### Outcomes of Activity:

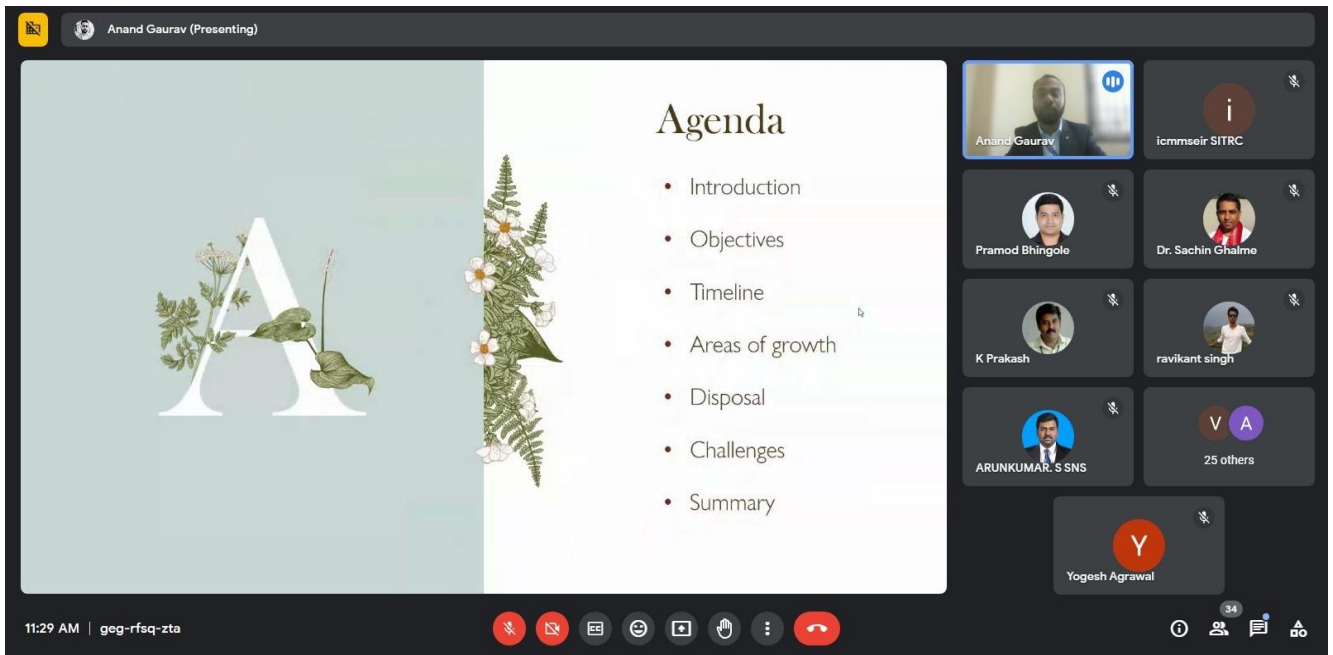
Participants understood the Thermoplastic composites materials, its fabrication steps, applications and scopes in future

#### 8. Description of Event:

Mechanical Engineering Department, SITRC has organized an expert lecture for the students of Mechanical Engineering on 12<sup>th</sup> December 2023. The resource person was Dr. Anand Gaurav, Assistant Professor in Department of Mechanical Engineering, SRMUH, Sonapat. The resource person briefed the introduction of thermoplastic composites materials, fabrication steps, characterization techniques, applications, scopes in future and challenges. So, this lecture helped students to understand the scopes and challenges of thermoplastic composites materials. The vote of thanks was given by Dr. Chandrmani Yadav.

The event was attended by about **132** students along with HoD Prof. (Dr.) Sachin G. Ghalme, and departmental faculty members.

## Event Photos





Resource person delivered speech on composite materials



Resource person delivered speech on impact properties on composite materials

  
**Dr. Chandrmani Yadav**  
Event Coordinator

  
**Dr. S. G. Ghalme**  
HOD  
Dept. of Mech. Engg.

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

