

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 Nanofuels Potential fuel for nextgeneration combustion devices"

1. Event Title: "Expert Lecture on Nanofuels Potential fuel for next-generation combustion devices "

2. Event Date: 13th December 2023

3. Event Conduction Duration: 12:20 PM to 1:10 PM

4. Event Venue: Online Platform, Google meet

5. Event Resource Person Details: Dr. Ankur Miglani

Department of Mechanical Engineering,

IIT Indore

6. Name of Event Coordinator: Dr. Chandrmani Yadav

7. Event Objectives & Outcomes

Objectives of Activity:

To understand requirement and advantages of nanoparticles in conventional liquid fuels.

Outcomes of Activity:

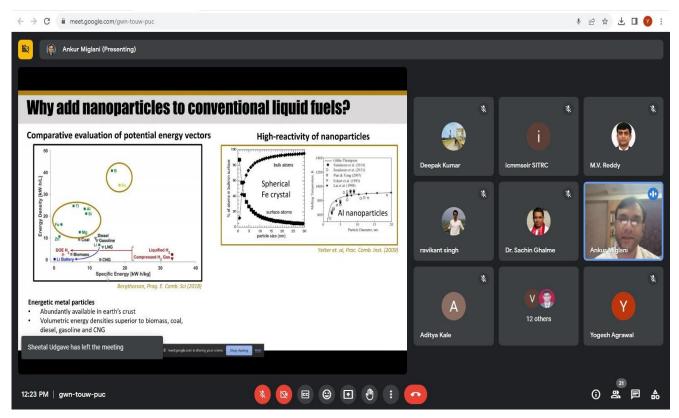
Participants understood the benefits of nanoparticles in conventional liquid fuels.

8. Description of Event:

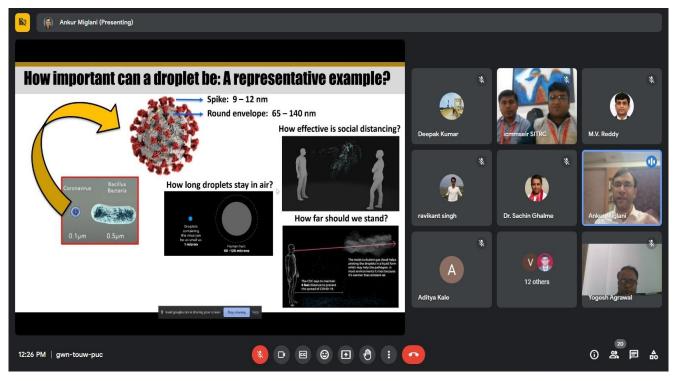
Mechanical Engineering Department, SITRC has organized an expert lecture for the students of Mechanical Engineering on 13th December 2023. The resource person was Dr. Ankur Miglani working as an Associate Professor in Department of Mechanical Engineering at IIT Indore, India. The resource person briefed the introduction of nanoparticles, merits and demerits in conventional liquid fuels. So, this lecture helped students to understand the addition of nanoparticles in conventional liquid fuels to how it helps in enhancing droplet burn rate. The vote of thanks was given by Dr. Chandrmani Yadav.

The event was attended by about **128** students along with HoD Prof. (Dr.) Sachin G. Ghalme, and departmental faculty members.

Event Photos:



Resource person delivered speech on nanoparticles in Liquid fuels



Resource person delivered speech on fuel droplets

Dr. Chandrmani Yadav **Event** Coordinator

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



