

Sandip Institute of Technology and Research Centre An Autonomous Institute

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SANDIP
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Department of Mechanical Engineering Academic Year 2023-24

Report on "Expert Lecture on Advances in Materials for Energy Storage Technology and Sustainability"

- 1. Event Title:** "Expert Lecture on Advances in Materials for Energy Storage Technology and Sustainability"
- 2. Event Date:** 13th December 2023
- 3. Event Conduction Duration:** 11:00 AM to 11:45 AM
- 4. Event Venue:** Online Platform, Google meet
- 5. Event Resource Person Details:** Dr. M V Reddy
Energy Storage Technology Nouveau,
Quebec, Montreal, Canada
- 6. Name of Event Coordinator:** Dr. Chandrmani Yadav

7. Event Objectives & Outcomes

Objectives of Activity:

To understand the Energy Storage Technology and sustainability by enhance the materials properties.

Outcomes of Activity:

Participants understood the enhanced materials applicable for Energy Storage Technology and its sustainability.

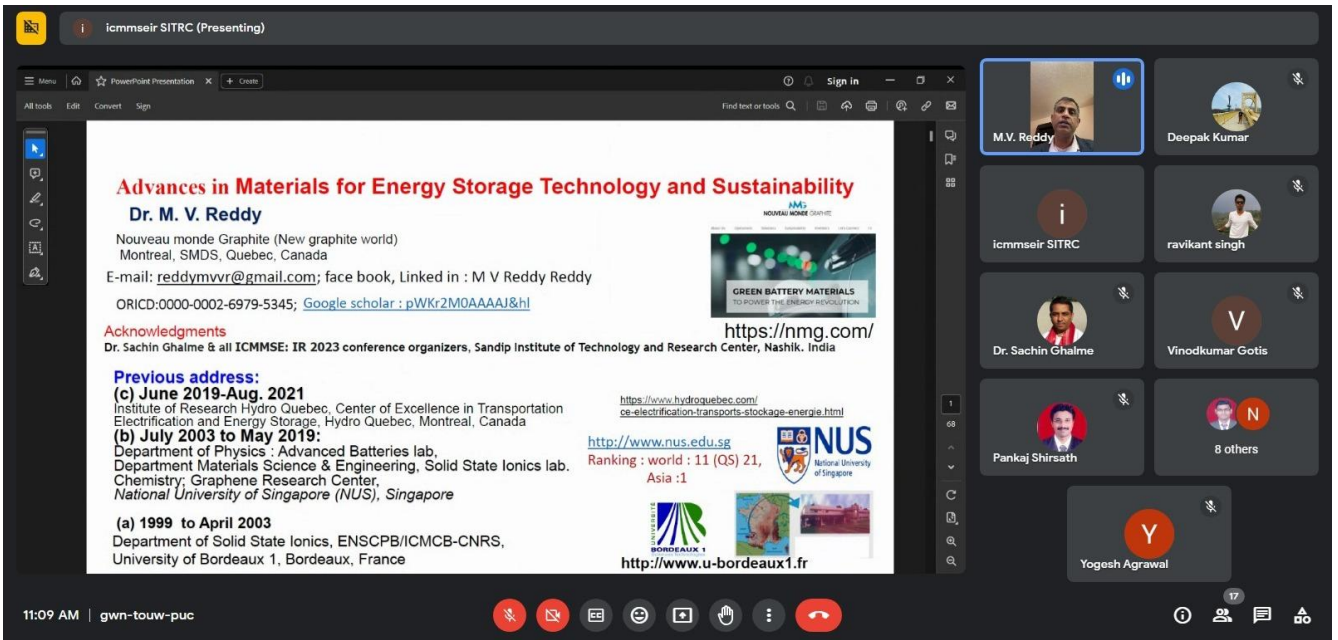
8. Description of Event:

Mechanical Engineering Department, SITRC has organized an expert lecture for the students of Mechanical Engineering on 13th December 2023. The resource person was Dr. M V Reddy, Senior Professional Researcher and group leader in Energy Storage Technology at Nouveau Monde Graphite (New graphite world) (NMG), Quebec, Montreal, Canada. The resource person briefed the introduction of battery components, materials for Electric Vehicles/Grid Industry, advanced materials manufacturing/fabrication and characterization techniques. So, this lecture helped students to understand the characteristics, creation and applications of advance material in Energy Storage System. The vote of thanks was given by Dr. Chandrmani Yadav.

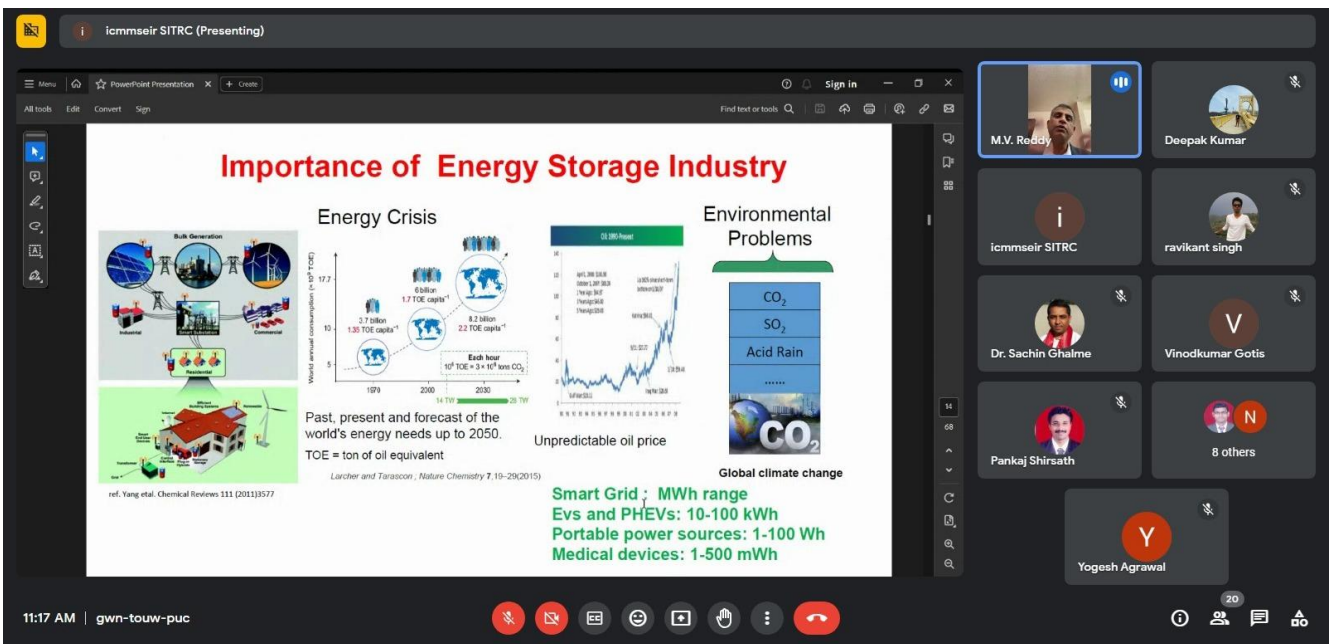
The event was attended by about **128** students along with HoD Prof. (Dr.) Sachin G. Ghalme,

and departmental faculty members.

Event Photos:





Resource person delivered speech on Advances in Materials for Energy Storage Technology



Resource person delivered speech on importance of Energy Storage Industry


Dr. Chandrmani Yadav
Event Coordinator


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


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

