

# Sandip Institute of Technology and Research Centre An Autonomous Institute

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Savitribai Phule Pune University (Formerly Pune University), Pune.

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## Department of Mechanical Engineering Academic Year 2023-24

### Report on “Expert Lecture on Magnesium Alloy Foam Applications: Transformative Possibilities in Aerospace, Defense, and Medical Arenas”

- 1. Event Title:** "Expert Lecture on Magnesium Alloy Foam Applications: Transformative Possibilities in Aerospace, Defense, and Medical Arenas”
- 2. Event Date:** 12<sup>th</sup> December 2023
- 3. Event Conduction Duration:** 10:45 AM to 11:30 AM
- 4. Event Venue:** Online Platform, Google meet
- 5. Event Resource Person Details:** Dr. Bhingole Pramod P.  
Mechanical and Aero-Space Engineering  
Institute of Infrastructure, Technology, Research and  
Management (IITRAM), Ahmedabad, Gujarat, India
- 6. Name of Event Coordinator:** Dr. Chandrmani Yadav

#### 7. Event Objectives & Outcomes

##### Objectives of Activity:

To understand the applications of magnesium alloy foam in Aerospace, Defense, and Medical Arenas.

##### Outcomes of Activity:

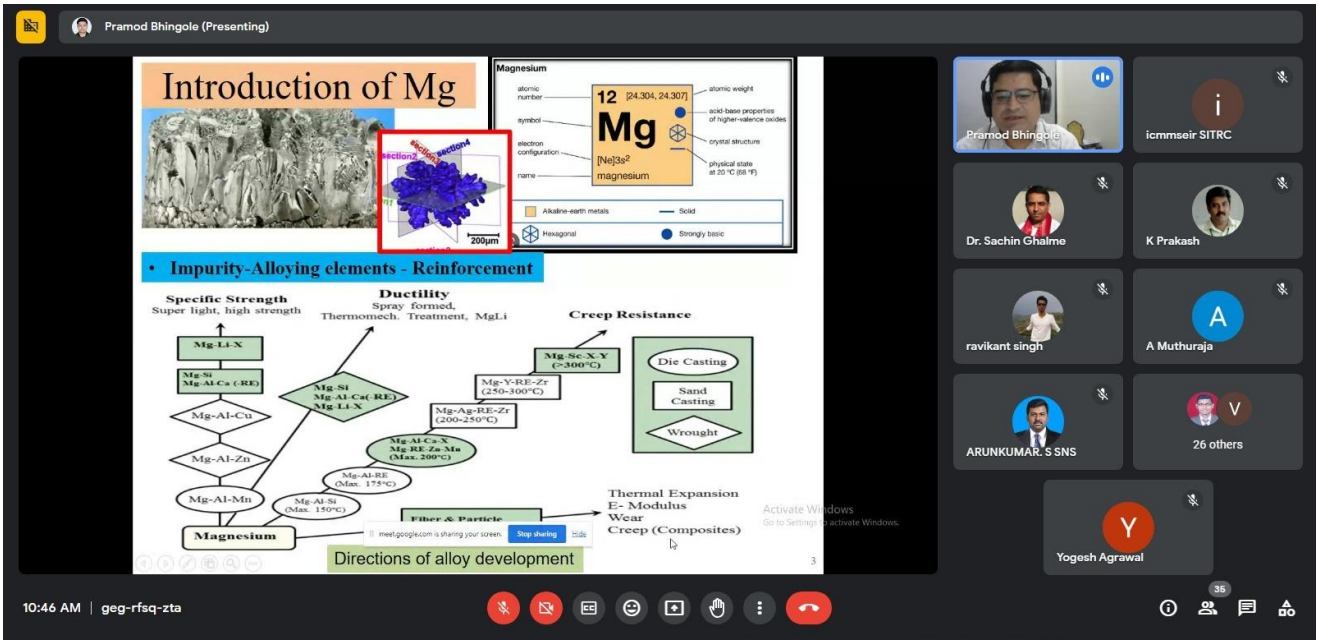
Participants understood the applications of magnesium alloy foam.

#### 8. Description of Event:

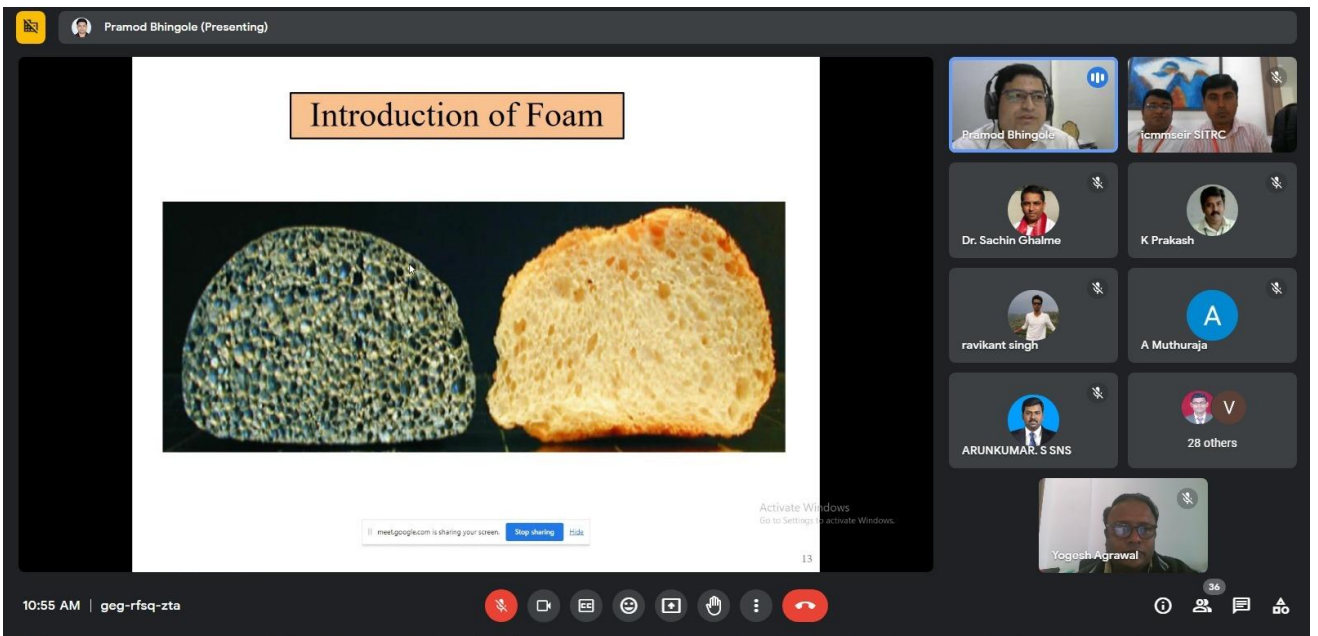
Mechanical Engineering Department, SITRC has organized an expert lecture for the students of Mechanical Engineering on 12<sup>th</sup> December 2023. The resource person was Dr. Bhingole Pramod P., working as an Assistant Professor, in Mechanical and Aero-Space Engineering at Institute of Infrastructure, Technology, Research and Management (IITRAM), Ahmedabad, Gujarat, India. The resource person briefed the Magnesium alloy foam and its applications. 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 alloy development



Resource person delivered speech on Foam

*[Signature]*  
**Dr. Chandrmani Yadav**  
 Event Coordinator

*[Signature]*  
**Dr. S. G. Ghalme**  
 HOD  
 Dept. of Mech. Engg.

*[Signature]*  
**Prof. (Dr) M. M. Patil**  
 Principal,  
 SITRC

