

Dr. Mahalingam College of Engineering and Technology, Pollachi-3.

Office of Dean Research & Innovation

and

Department of Mechanical Engineering

Report on “Knowledge Sharing Session on FESEM and its Application (Online)”

Date: 08.10.2024

Venue: Mechanical Department Conference Hall (C214B)

Resource person: Mr. Hemant Gourkar & Mr.Rajagopal, Labindia Instruments Pvt Ltd, Chennai-18

The office of Dean - Research & Innovation and the Department of Mechanical Engineering organized an online Knowledge Sharing Session titled "FESEM and its Application" on **October 8th, 2024**. This event was part of the institution's initiatives to foster knowledge dissemination and technical expertise among students and faculty members.

The session was conducted online and also made available in the **Mechanical Conference Hall (C214B)** for attendees who wished to participate in person. It commenced at 10:00 a.m. and witnessed active participation from students, faculty members, and other attendees.

Key Speakers:

1. Mr. Hemant Gourkar, General Manager, Nano Bio Process Division, Labindia Instruments Pvt Ltd, Chennai-18
2. Mr. Rajagopal, National Product Manager, Labindia Instruments Pvt Ltd, Chennai-18

The speakers shared their in-depth knowledge and expertise on Field Emission Scanning Electron Microscopy (FESEM) and its various applications in research and industrial domains.

Key Areas of Discussion:

the operational principles of FESEM and its importance in nanoscale imaging. Advanced microscopy technique - its transformative impact on material characterization. The practical applications of FESEM across different industries, including materials science, nanotechnology, and biotechnology. The advancements in FESEM technology and its role in cutting-edge research.

The session was interactive, with attendees actively engaging in discussions and posing questions to the speakers. The presenters addressed queries comprehensively, enhancing the understanding of participants.

Conclusion:

The Knowledge Sharing Session on "FESEM and its Application" was a resounding success. It served as a platform for participants to gain insights into the capabilities and applications of FESEM, bridging the gap between academic knowledge and industry practices. The event concluded with a vote of thanks, expressing gratitude to the speakers for their valuable contributions and to the attendees for their active participation.

Such initiatives reaffirm MCET's commitment to promoting technical excellence and fostering a culture of innovation and research within its academic community.

Poster of the event:

Dr. MAHALINGAM
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Udumalai Road, Pollachi, Coimbatore District 642003
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**Office of Dean - Research & Innovation
&
Department of Mechanical Engineering**

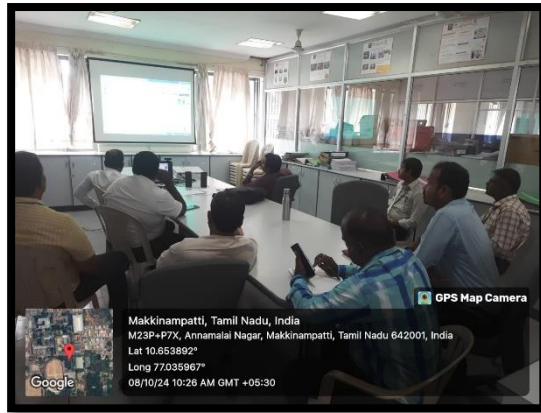
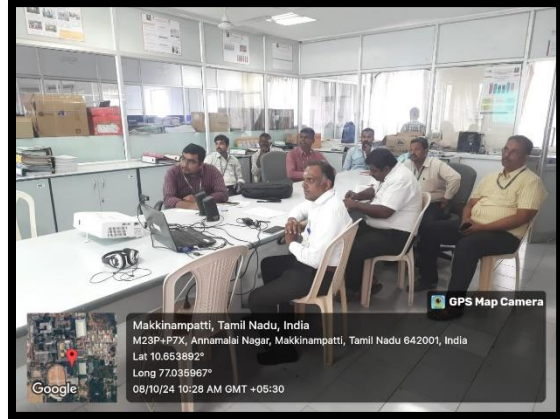
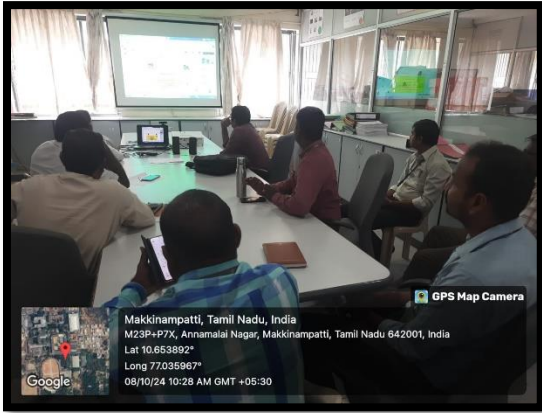
**Knowledge Sharing Session on
(Online Mode)
FESEM and it's Application**

Mr. Hemant Gourkar
General Manager
Nano Bio Process Division
Labindia Instruments Pvt Ltd
Chennai-18

Mr. Rajagopal
National Product Manager
Labindia Instruments Pvt Ltd
Chennai-18

Meeting Link: <https://tinyurl.com/33pun435>
Venue: C214B- Mechanical Conference Hall
Date : 08.10.2024, Tuesday
Time: 10.00 A.M
Welcome You All!

Photos taken during the Session:



S. Prunkaney
Dean R&I

[Signature]
Principal

**--Sd--
Secretary**