Sandip Foundation's
Sandip Institute of Technology & Research Centre,
Mahiravani, Trimbak Road, Nashik - 422 213

Department of Electrical Engineering

Date: - 24/03/2023

NOTICE

All students of the T.E. Electrical Engineering are hereby informed that the department has organized the "Expert Lecture on Overview of ANSYS" on 28th March 2023 at 03:00 P.M. The seminar aims to provide a platform for students to enhance their understanding of the latest advancements, technologies, and best practices in the lecture on Design software for Electrical Machine Design & Analysis.

It is compulsory for all students to attend the webinar.

Prof. G G Akotkar
Event Coordinator

Prof. N. S. Patil
HoD, Electrical Engineering

Head of Department
Electrical Engineering
Sandip Institute of Technology and Research Centre
Mahiravani, Nashik-422213

Electrical Engineering Department SITRC, Nashik

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CGPA Score :3.11

Report

Name of Event: Expert Lecture on Overview of ANSYS

Date of Event: 28th March 2023

Type of the Event: Expert Lecture

Duration of Event: 2 hours

Mode of Event: Online

Name of resource person: Mr.Susheel Pote,

Name and Address of Company: Education Head, Invesys CAD, Nashik

Name of Event Coordinator: Prof. G G Akotkar

Participant: TE Electrical Students

Aim:

To provide a comprehensive overview of ANSYS as a design software tool for electrical machine design and analysis, highlighting its features, applications, and benefits in optimizing performance and reliability.

Objective:

1. To identify and explain the key features of ANSYS relevant to electrical machine design, including multiphysics simulation capabilities, electromagnetic analysis, thermal management, and structural integrity assessment.
2. To showçase the various applications of ANSYS in the design and analysis of different electrical machines such as motors, transformers, and generators.
3. To discuss the integration capabilities of ANSYS with CAD tools and its user-friendly interface, emphasizing the efficiency it brings to the design process.
4. To present real-world case studies that demonstrate the effective application of ANSYS in enhancing the design and performance of electrical machines.
5. To provide recommendations for training and collaboration to maximize the utilization of ANSYS in electrical machine design.

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Outcomes:

Participants will gain a clear understanding of how ANSYS can be applied in electrical machine design and analysis, enabling them to leverage its capabilities effectively. Attendees will be equipped with practical knowledge about the various features and functionalities of ANSYS that can be directly applied to their design projects. The presentation of case studies will provide insights into how other organizations have successfully implemented ANSYS, inspiring participants to adopt similar approaches. Encouraging collaboration and discussion among participants will foster a community of practice that can share knowledge and experiences related to ANSYS and electrical machine design.

Summary Report of Drafting of patent Contents

Department of Electrical Engg. Organized session on 'Overview of ANSYS ' delivered by Mr.Susheel Pote Education Head, Invesys CAD, Nashik at Electrical Department for TE students.

Prof. G G Akotkar
Event Coordinator

Prof. N. S. Patil
HoD, Electrical Engineering

Head of Department
Electrical Engineering
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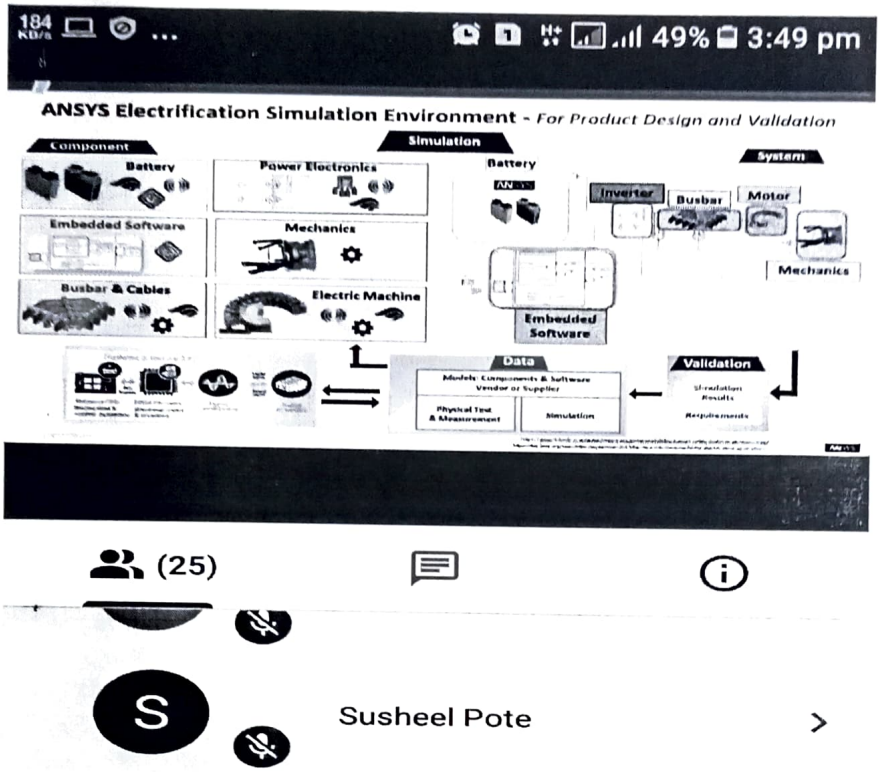
Prof. (Dr.) S. T. Gandhe
Principal

Electrical Engineering Department SITRC, Nashik

Some Glimpses of the session is as follows



Photos of the Students participate in the Event