SANDIP FOUNDATION

SIEM | Sandip Institute of Engineering & Management (SIEM) College Code - 5331

Department of Electronics & Telecommunication

Event Title: One Week FDP on Recent Trends in Antennas for Multifield Application.

Event Date: 28th Feb to 4th March 2023

Event Conduction Duration: 10.00 am – 3.00 pm daily

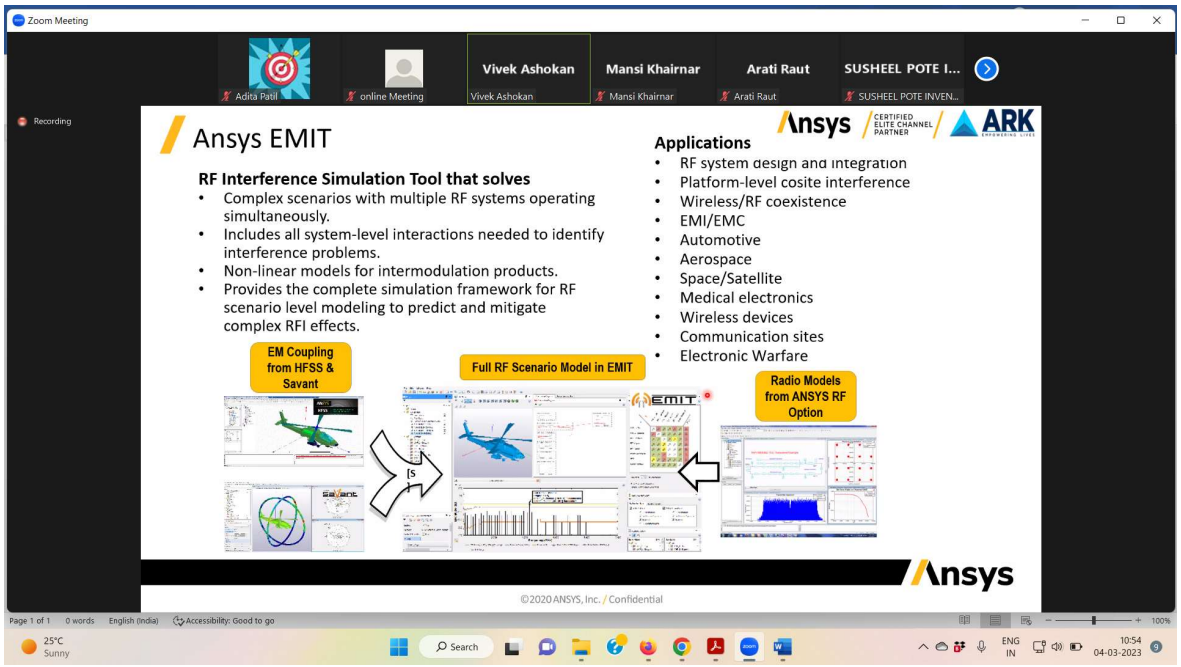
Event Venue: - Online

Participants: - Students & faculty all over Maharashtra

Objectives: The objective of this FDP is to introduce the fundamental principles of antenna and to apply them to the design and analysis of antenna systems

Outcome: The main objective of this workshop is to give exposure to students and researcher faculties on various types of Antennas and Antenna design software HFSS. It is conducted by the department of E&TC from 28 Feb to 4 March. Around 30 students and 25 faculty members have been participated in this workshop. The workshop has given a good insight about basic parameters of antenna, types of antennas and software tool HFSS. All the resource persons explain theory about antennas and demonstrated "how to design a microstrip antenna using HFSS" and hands-on session was conducted in the Ansys Software. Students learned to design and simulate a micro strip antenna model and observe results. This workshop also triggered students to do projects in this domain. It is helpful for the faculty who are pursuing research in antennas.

Photo:


Zoom Meeting
Adita Patil
online Meeting
Vivek Ashokan
Mansi Khairnar
Arati Raut
SUSHEEL POTE I...
Recording
Ansys EMIT
RF Interference Simulation Tool that solves
Complex scenarios with multiple RF systems operating simultaneously.
Includes all system-level interactions needed to identify interference problems.
Non-linear models for intermodulation products.
Provides the complete simulation framework for RF scenario level modeling to predict and mitigate complex RFI effects.
Applications
RF system design and integration
Platform-level cosite interference
Wireless/RF coexistence
EMI/EMC
Automotive
Aerospace
Space/Satellite
Medical electronics
Wireless devices
Communication sites
Electronic Warfare
EM Coupling from HFSS & Savant
Full RF Scenario Model in EMIT
Radio Models from ANSYS RF Option
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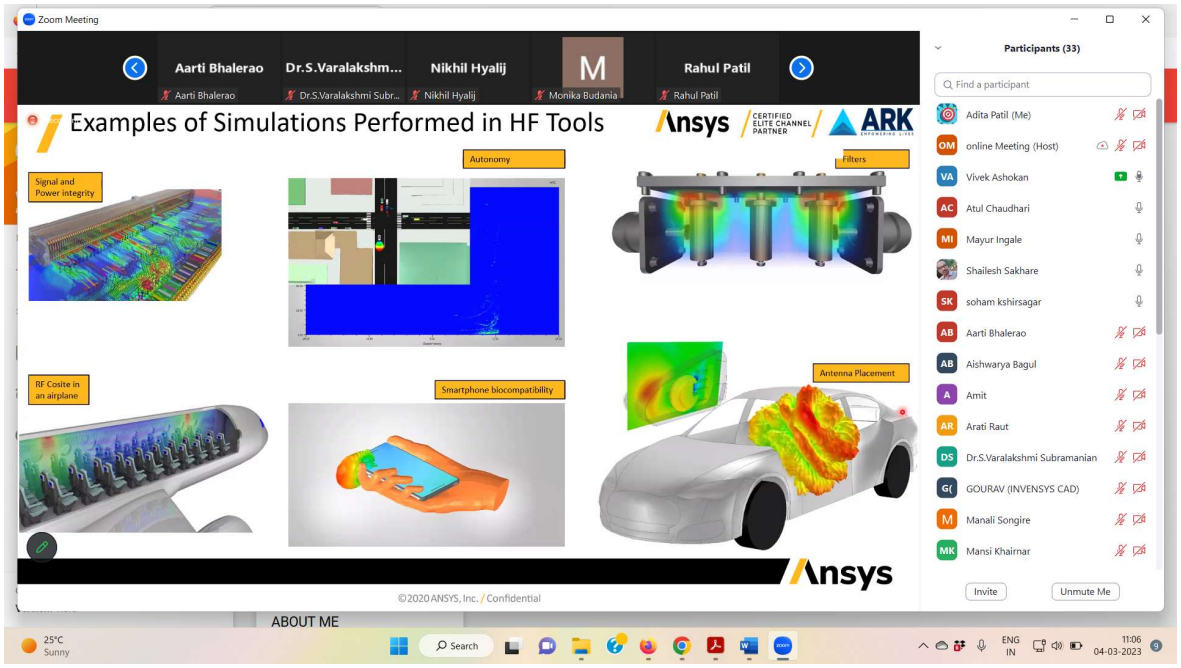
Zoom Meeting
Aarti Bhalerao
Dr.S.Varalakshm...
Nikhil Hyalij
Monika Budania
Rahul Patil
Examples of Simulations Performed in HF Tools
Signal and Power integrity
Autonomy
Filters
RF Cosite in an airplane
Smartphone biocompatibility
Antenna Placement
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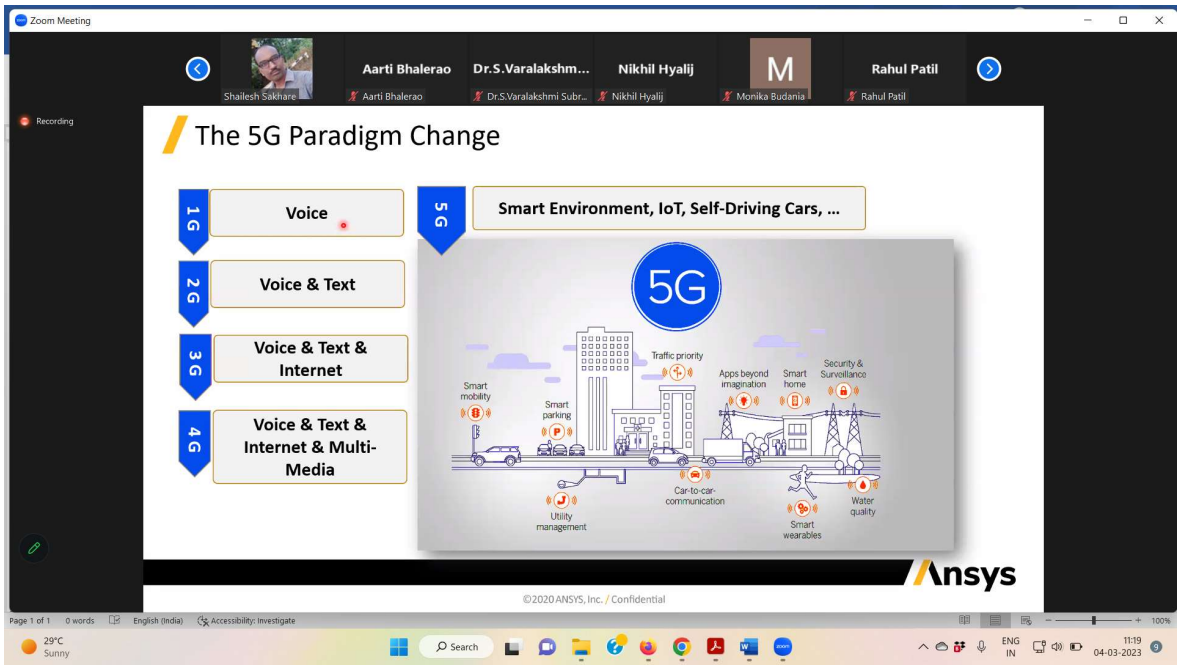
ABOUT ME
Participants (33)
Find a participant
Adita Patil (Me)
online Meeting (Host)
Vivek Ashokan
Atul Chaudhari
Mayur Ingale
Shailesh Sakhare
soham kshirsagar
Aarti Bhalerao
Aishwarya Bagul
Amit
Arati Raut
Dr.S.Varalakshmi Subramanian
GOURAV (INVENSYS CAD)
Manali Songire
Mansi Khairnar
Invite
Unmute Me



Prof. Amit Mishra
Event Coordinator

Prof.Y.R.Risodkar
HOD E&TC

Sandip Institute Engineering and Management, Nashik
Department of Electronics & Telecommunication Engineering

One Week Faculty Development Program
on
"RECENT TRENDS IN ANTENNAS FOR MULTIFIELD APPLICATIONS"

28/02/2023 to 04/03/2023

Timings:

Day 1

Inauguration: 10:10 am to 10:30 am
Session I: 10:35 am - 12:15 PM
Session II : 01:00 PM to 03:00 PM

Day 2 to Day 5

Sessions I : 10:10 am - 12:10 pm
Session II :01:00 pm - 03:00 pm

REGISTRATION FEES :

Industry person : Rs 800 /-
Academician : Rs 700 /-
Research Scholar/Student :Rs 500 /-

SCAN HERE

OR

Phone pe number
8657893722

REGISTRATION LINK :

https://forms.gle/BPcCTwxCYeumbyru5

PLATFORM ZOOM

CHIEF PATRON

Honorable Dr Sandip Kumar Jha
Chairman Sandip Foundation
Nashik Maharastra

PATRON

Honorable Prof Pramod Karole
Academic Facilitator
Sandip Group of Institutions

PRINCIPAL

Prof (Dr) Dipak Patil
Principal ,
Sandip Institute of Engineering and Management
Nashik Maharastra

CONVENOR

Prof Yogesh Risodkar
HOD E & TC SIEM

COORDINATOR

Prof Amit K Mishra
Assistant Professor

Co-cordinators

Prof Mosam Sangole	Assistant Professor
Prof Bharat Deore	Assistant Professor
Prof Pramod Aswale	Assistant Professor
Prof Aditi Patil	Assistant Professor
Prof Sayali Pawar	Assistant Professor

ABOUT COLLEGE

Sandip Foundation was established with the core objective of rendering selfless dedicated service to higher education in the fields of Engineering, Science, Arts, Management Studies, Polytechnic and Pharmacy. The Visionaries of Sandip Foundation have been involved in the field of higher education since the last fifteen years. Sandip Foundation (SIEM) is affiliated with All India Council of Technical education and to the Pune University. In its short span of existence, it has created a name for itself through its honest effort to provide quality education. Being among the Top Engineering Colleges in India, its infrastructure is world class with workshops, state-of-the-art Laboratories, overhead projectors in every classroom, an extensive library and hostel facilities for outdoor students.

ABOUT DEPARTMENT

Electronics aims at making the life of human beings comfortable. Communication connects people and brings them together. The vast application of electronics and the rapid advancements in the field of communications makes the study of this branch a covered option. Keeping in line with fast changing technological developments, the department has well designed, laboratories with modern equipments like Spectrum Analyzer, Logic Analyzer, DSO and advanced software's like MATLAB, Proteus, Cadence, etc.

OBJECTIVES OF WORKSHOP

Assimilating the information on Antenna Design so that the hard work of the experts is known and put into practise in cases of various applications examining the development of antenna technologies and architectures for future communications, remote sensing, and scientific applications in order to explore and expound on the requirements of new trends and opportunities.

JOIN THE WHATSAPP GROUP : https://chat.whatsapp.com/IIrUp3jLnszA5iOpT0pbAf

OUR COLLEGE WEBSITE - https://siem.sandipfoundation.org/

Sandip Institute Engineering and Management, Nashik
Department of Electronics & Telecommunication Engineering

Speakers

Dr Jayant Joshi,
Faculty of E & TC,
Government Polytechnic
Nashik

Dr. Vikas Vishnu Khairnar,
Assistant Professor, SENSE,
VIT-AP University,
Andhra Pradesh

Mr Ajinkya Chandrashekhar Kulkarni,
Lead Engineer, Cooper lighting
Solutions Pune

Dr V. V. Ratnaparkhi
Assistant Professor
E&TC,SSGNCE, Shegaon

Dr. Chandu D S,
Assistant Professor, SENSE,
VIT-AP University,
Andhra Pradesh

Prof Suyog Vinayak Pande
Asst Professor , E & TC
SVKM's NMIMS MPSTME
Shirpur Campus

WORKSHOP CONTENTS

- Wearable Microstrip Patch Antennas,
- Practical Antenna Design Configuration on HFSS,
- Reconfigurable Antennas on HFSS
- Demonstration of PathWave Advanced Design System (ADS)
- Design Examples of MPA using ADS
- Ansys HFSS Demo
- Metamaterial Patch Antenna

Instructions for Participants

- Attendance is mandatory.
- Registration Deadline is 24th February 2023 before 5pm.
- Interested participants must register with the link in the brochure and provide all information correctly.
- Registered participants should join the sessions timely.
- Registered participants have to submit all sessions feedback in a timely manner to go for certification.
- All registered participants can join whats-app group to get all updates related to workshop.
- In case of any difficulty, please feel free to contact coordinator.

Contact for any Query Regarding Workshop : 8411088992 / 8975590171