



Sandip Foundation's
Sandip Institute of Engineering and Management,
Mahiravani, Trimbak Road, Nashik-422213
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Event Title: Expert lecture on Electromagnetic Field Theory

Event Scheduled: 4th Oct, 2024 (11:00AM- 1:00 PM)

Resource Person: Prof. Kavita Mahajan, E&TC Deptt, Sapkal college of Engineering, Nashik

Timing: 11:00 am onwards.

Event Venue: TE classroom, SIEM, Sandip Foundation, Nashik

Participants: TE students of E&TC Department

Name of Faculty coordinator: Prof. Neha Niharika, faculty of E&TC department

Objectives:

The objectives of studying Electromagnetic Field Theory typically include:

1. **Understanding Fundamental Principles:** To grasp the basic concepts of electric and magnetic fields, including Coulomb's Law, Gauss's Law, Faraday's Law, and Ampère's Law.
2. **Exploring Maxwell's Equations:** To study Maxwell's equations, which describe how electric and magnetic fields interact and propagate, forming the foundation of classical electromagnetism.
3. **Analyzing Wave Propagation:** To investigate how electromagnetic waves propagate through different media, including vacuum, dielectrics, and conductors, and to understand phenomena such as reflection, refraction, and diffraction.
4. **Applying Mathematical Techniques:** To develop mathematical skills needed to solve problems in electromagnetic fields, using techniques such as vector calculus, differential equations, and potential theory.
5. **Understanding Electromagnetic Devices:** To explore the principles behind various electromagnetic devices, such as transformers, antennas, and motors, and their applications in technology.
6. **Exploring Applications in Modern Technology:** To examine the role of electromagnetic theory in contemporary technologies, including telecommunications, wireless networks, and medical imaging.
7. **Fostering Critical Thinking and Problem-Solving:** To cultivate analytical and critical thinking skills through the application of electromagnetic theory to real-world problems.

These objectives aim to provide a comprehensive understanding of electromagnetic phenomena and their practical implications across various fields, including physics, engineering, and technology.



Invitation Letter



Sandip Foundation's
Sandip Institute of Engineering & Management
Maharvan, Nashik - 422113

Department of Electronics & Telecommunication
Engineering

Date: 1-10-2024

To,
Kavita Mahajan
E&TC Department
Sapkal College of Engineering
Subject: Request for Expert lecture on "Electromagnetic Field Theory".

Respected Mam,

We are well aware with your expertise in the field of "Electromagnetic Field Theory".
As a part of academic curriculum, we wish to arrange an expert lecture on one of the topics from
Electromagnetic Field Theory "Transmission Lines Theory" for our Third Year Electronics &
Telecommunication Engineering students. The lecture is scheduled for 9th Oct, 2024 at 11:00am-
1:00pm and will take place in third year classroom of E&Tc department.

We would be honored to have you share your knowledge and experiences with our students. Please
let us know your availability for the session and whether you would be able to accommodate our
request.

We look forward to your positive response and hope to collaborate with you for this enriching
session.

Thank you for considering our invitation.

Thanking you,

Prof. V. K. Rusodkar

HO(E&TC)



Dr. Dipak P. Patil

He Principal, SIEM
PRINCIPAL



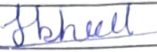

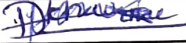




Sandip Institute of Engineering & Management
Maharvan, Nashik - 422113



Roll Call List

Session on Electromagnetic Field Theory

Date: 9th oct 2024

Roll. No.	Student Name	Signature
1	ADE PRATIK ASHOK	
2	AHIRE PRATIK SUNIL	ABSENT
3	AHIRE TRUPTI ARUN	
4	AHIRE VAISHNAVI KAILAS	ABSENT
5	ANDHALE SUDARSHAN HARESHWAR	ABSENT
6	BAGUL HARSHAD ANIL	ABSENT
7	SONALI GORAKSHNATH BARDE	ABSENT
8	BENKE SACHIN TUKARAM	ABSENT
9	BHIRUD CHANCHAL SHEKHAR	ABSENT
10	BHUSAL SIDDHI SOMNATH	
11	BOBADE VED DIPAK	ABSENT
12	BORASE PRANAV RAVINDRA	ABSENT
13	BORSE RAKESH MANGESH	ABSENT
14	CHAUDHARI RICHAL PRAVIN	
15	CHITRANG AKANKSHA PURUSHOTTAM	ABSENT
16	DEORE REVATI BHARAT	ABSENT
17	DHONDGE TEJASWINI NANDALAL	ABSENT
18	KHAIRNAR DIPTI DEEPAK	
19	DUSE TRUPTI BHAUSAHEB	ABSENT
20	GANGURDE ANURAG SATISH	
21	INGOLE RUTUPARNA NILESH	ABSENT
22	JADHAV KRUSHNA BHAUSAHEB	ABSENT
23	JADHAV PRAGATI SANJAY	ABSENT
24	JADHAV YUVRAJ POPAT	ABSENT
25	JAMDHADE NIKHIL DEEPAK	
26	KAPADNE CHAITANYA HEMANT	ABSENT
27	SANDHYA MADHUKAR KHARE	
28	KHUSHI YUVRAJ PATIL	ABSENT
29	KORDE ARNAV SUNIL	



30	LAGAD SAKSHI PANDHARINATH	ABSENT
31	MAHALE PUNAM NITIN	ABSENT
32	MAYURESH KIRAN BACHHAV	ABSENT
33	PATIL MAYURI VIJAY	Patil
34	MOHITE SARTHAK HEMANT	Mohite
35	MOJAD ADITYA BHARAT	Aditya
36	NARWADE PRACHI ASHOK	Prachi
37	LALIT ASHOK NIKUMBH	Lalit
38	SHRUTIKA VIRENDRA OTARI	ABSENT
39	PAGARE CHAITALI SHIVAJI	Pagare
40	PANMAND CHETAN SAHEBRAO	ABSENT
41	PATIL DARSHAN JAGDISH	ABSENT
42	PATIL JAGRUTI DILEEP	ABSENT
43	PATIL SRUSHTI HITENDRA	Patil
44	PATIL TUSHAR ARUN	Patil
45	PAWAR NUTAN SANJU	ABSENT
46	PAWAR SUSHANT ARUN	Pawar
47	ROKADE VAISHNAVI RAMLAL	Rokade
48	SALI MANSI MANOJ	ABSENT
49	SALUNKHE AISHWARYA SHRAVAN	Salunkhe
50	SHAIKH MOHAMMAD FATEEN SADIK	Shaikh
51	SONAVANE GAURAV NANDKUMAR	Sonavane
52	SONAWANE GAURAV DIPAK	Sonawane
53	SONWANE SHRIRAM RADHESHAM	Sonwane
54	THORAT SHRUTI MAHESH	ABSENT
55	VANJARI PRATHAMESH RAVINDRA	ABSENT
56	WARUNGASE BHUMIKA RAMDAS	Warungase

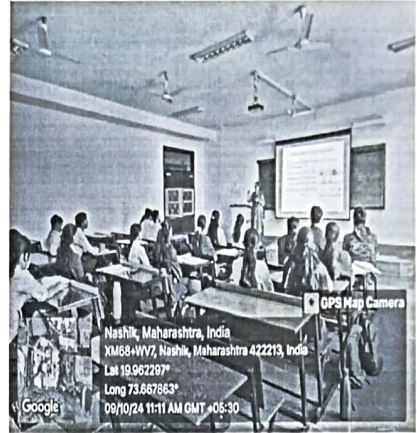
61 Shrutika Hiranman Kale

~~Warungase~~
~~Ramdas~~




Photos

Photos of the Event



Neha Nihavika
Event Coordinator




HOD, E&TC.