

SANDIP FOUNDATION'S

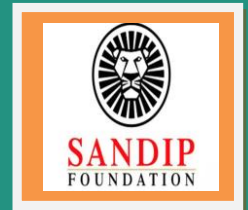
SANDIP POLYTECHNIC, NASHIK

Department of Electrical Engineering

A.Y.:2022-2023

Newsletter

Feb – May 2023 Issue 3



Institute Vision and Mission

Vision: “To produce skilled technocrats for serving industry, society and pursue higher education.”

Mission:

M1: To provide state of the art infrastructure, qualified and competent teaching faculty.

M2: To provide industry institute interaction, employability enhancement and higher education.

M3: To provide platform for development of professional, social skills and lifelong learning.

Department Vision and Mission:

Vision

“To develop professionally skilled electrical engineers to fulfill the needs of industry and society at large”

Mission:

M1: To offer quality technical education through student's centric teaching learning methods to enhance technical knowledge, skills and positive attitude.

M2: To provide a learning center for entrepreneurship, employability and higher education.

M3: To develop interpersonal skills for professional growth.



Editorial Board Members

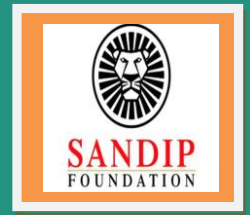
1. Prof.V.S.Patil

2. Prof. N.B.Ranotkar

Leading Polytechnic Colleges in Nashik

When you join Sandip Polytechnic (SP) at Sandip Foundation, you are joining one of the top polytechnic colleges in Maharashtra and indeed the best polytechnic college in Nasik. If you want to fast track your career and fast track yourself to success then there's just one and only one place. And that's Sandip Polytechnic. Our motivation to help you become 'insanely' great at what you do, achieve your imagination.

1. EXPERT LECTURES



Name of Event: Expert Lecture on “Fire Safety Awareness”

Date of Event: 03/03/2023

Resource Person: Mr. Aniket Pande

Objectives:

Its main objective is to teach the important concepts of fire safety for development of student practical skills.

Outcomes:

- 1) Student comes to know use of fire extinguisher.
- 2) Student got knowledge about importance of fire safety in our life.
- 3) Students should aware about use of safety accessories.



Name of Event: Expert Lecture on “Motivation-Its Right inside You”

Date of Event: 28/03/2023

Resource Person: Mr. Vishal Sulakhe

Objectives:

Its main objective is to teach the importance of motivation inside you.

Outcomes:

- 1) Student comes to know various self-motivation facts.
- 2) Student got knowledge about importance of motivation.
- 3) Students should aware about benefits of motivation.



Name of Event: Expert Lecture on “Personality Development”

Date of Event: 05/04/2023

Resource Person: Mr. Kiran Mohite

Objectives:

Its main objective is to teach the importance of personality development.

Outcomes:

- 1) Student comes to know various good personality facts.
- 2) Student got knowledge about importance of personality development.
- 3) Students should aware about benefits of personality development.



2. EXPERT LECTURES



Name of Event: Expert Lecture on “Artificial Intelligence”

Date of Event: 09/03/2023

Resource Person: Dr. Kishor V. Bhadhane

Objectives:

To make the students familiarize how AI applications are ruling the world. With an intent to tell the students about the scope of AI in the current day Technological Advancements.

Outcomes:

- 1) Understand Artificial Intelligence in a broader range.
- 2) Understand how AI applications are solving the current day problems.
- 3) Analyze the real-world problems where AI could be applied.



Name of Event: Expert Lecture on “Career Guidance”

Date of Event: 14/03/2023

Resource Person: Mr. Unmesh C. Pagare

Objectives: Students will demonstrate a clearer understanding of the career exploration process and how their own skills and interests match up to a chosen major/career path.

Outcomes: Career guidance can help students weigh their values, interests, aptitudes, abilities and aspirations against those required for various careers. Students who have been provided with this information are better able to make informed decisions about their academic path, and more confident in pursuing their personal goals.



3. EXPERT LECTURE & INDUSTRIAL VISITS



Name of Event: Expert Lecture on “Career Guidance in Abroad Study”

Date of Event: 04/04/2023

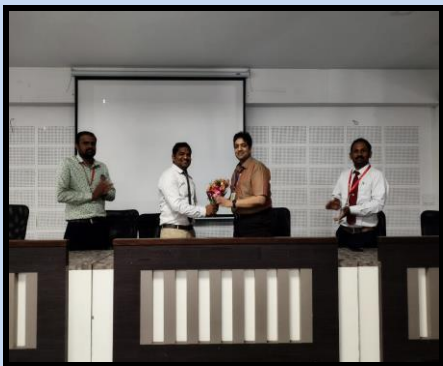
Resource Person: Mr. Amit Gore

Objectives:

Its main objective is to know about various education facilities in abroad after UG and PG.

Outcomes:

- 1) Student comes to know various education systems in abroad.
- 2) Student got knowledge about courses in abroad.
- 3) Students should aware about process for abroad study.



Name of Event: Industrial Visit at “33kV/11kV Bhagur Substation”

Date of Event: 27/03/2023

Resource Person: Mr. Abhijeet Kasar

Objectives:

Its main objective is to know the operation of electrical substation.

Outcomes:

- 1) Students should understand the operation and maintenance of transformer.
- 2) Students should know the operation of various components of substation.
- 3) Students should understand the function of switchgear components used in substation.



Name of Event: Industrial Visit at “Dhanraj Switchgear Pvt. Ltd. Nashik”

Date of Event: 05/04/2023

Resource Person: Mr. Kothawade Sir

Objectives:

Its main objective is to know the operation of electrical switchgear components.

Outcomes:

- 1) Students should understand the operation of various electrical switchgear components.
- 2) Students should know the manufacturing process of switchgear components.
- 3) Students should understand the function of switchgear components.



4. INDUSTRIAL VISITS



Name of Event: Industrial Visit at “RO Plant of Sandip Foundation, Nashik”

Date of Event: 04/04/2023

Resource Person: Mr. Dnyaneshwar Chavan

Objectives:

The objective is to know the operation of water supply management.

Outcomes:

- 1) Students should understand the operation of various components used in water filtration plant.
- 2) Students should know the process of water filtration.
- 3) Students should understand the process of water supply into college and maintenance of plant.



Name of Event: Industrial Visit at “Wasan E-Mobility Pvt. Ltd.”

Date of Event: 02/03/2023

Resource Person: The Manager, Wasan E-Mobility Pvt. Ltd

Objectives:

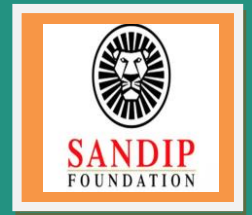
The objective is to know the operation of Electrical Vehicle.

Outcomes:

- 1) Students should understand the operation of various components used in Electrical Vehicle.
- 2) Students should know the process of Electrical vehicle charging and discharging.
- 3) Students should understand the process of Electrical vehicle manufacturing.



5. SKILL DEVELOPMENT PROGRAM



Name of Event: “Hands on Skill Workshop”

Date of Event: 24th to 25th March, 2023

Trainer: Prof. P. G. Mahajan, Prof. N. B. Ranotkar, Prof. D. S. Suryawanshi, Prof. Y. D. Mahajan (Staff of Electrical Department Sandip Polytechnic, Nashik)

Venue: Electrical Department, Sandip Polytechnic, Nashik

Objectives:

Its main objective is to develop basic electrical engineering skills.

Outcomes:

- 1) Students should understand the basic methodologies used in electrical wiring works.
- 2) Students should know the terms used in electrical machine and equipment’s maintenance.
- 3) Students should learn hands on training of various electrical tools and accessories.
- 4) Students should be able to repair various electrical accessories like Ceiling fan, Mixer, Electric Iron etc.



6. FACULTY DEVELOPMENT PROGRAM



Name of Event: Two Day's MSBTE Approved FDP on "Recent Trends in Electric Vehicles & Artificial Intelligence"

Date of Event: 01st March - 02nd March, 2023

Resource Person:

Dr. OmPrakash G. Kulkarni (Scientist, Mentor, Advisor, Technology Provider & Consulting Engineer), Dr. Kishor V. Bhadane (Associate Professor, Amrutvahini College of Engineering, Sangamner), Dr. Mangesh D. Nikose, (HOD, EEED, SOET, SUN, Nashik)

Venue: Sandip Polytechnic, Nashik

Objectives:

Its main objective is to enriching experience and will provide valuable insights into the latest developments in electrical vehicles.

Outcomes:

- 1) Learn Model Based Design (MBD) & HIL testing.
- 2) Selection of motor and advanced motor control techniques in Electric Vehicle.
- 3) Applications of advanced technologies like 5G, AI, and IOT for EV development.
- 4) Learn Algorithms for state estimation of BMS in EV.
- 5) Identified practical difficulties and failures that can occur in HV and Integration.
- 6) V-cycle, DFMSEA, Reliability analysis for launching a fleet.
- 7) To know about Power Distribution Box, Battery Thermal Management Systems for Fuel Cell Vehicle.






7. TOPPERS






WINTER - 2022 EXAM THIRD YEAR

CONGRATULATIONS!!!!

Rank	Name of Students	Percentage	Photo
1	BHANGALE NIKHIL NARENDRA	82.20%	
2	DEORE MANSI UMAKANT	82.10%	
3	KASAR SAHIL ABHIJEET	78.90%	

WINTER - 2022 EXAM SECOND YEAR

CONGRATULATIONS!!!!

Rank	Name of Students	Percentage	Photo
1	PRINCE KUMAR	87.13%	
2	SHETTY SREESHA SHANKAR	82.00%	
3	DAS PREM SUDHIR	78.53%	

8. ACHIEVEMENTS



Third year Electrical Engineering student of Sandip Polytechnic **Mahendra Pardeshi** and **Devang Mehetre** Won First Prize, Certificate with Trophy, in “**LoGMIEER Techfest 2K23**” Project competition at Loknete Gopinathji Munde Institute of Engineering Education & Research, Nashik on 31st March 2023.



Sandip Polytechnic students won first prize in IEDSSA Zonal level Competition

Second year students of Electrical Engineering Department **Prakash Sonawane** won First Prize in Javelin throw and **Latikesh Ghumbade** won First Prize in 400 m Running under IEDSSA Zonal level Competition.

9. JOB FAIR



Name of Event: Job Fair 2023

Date of Event: 24/02/2023

Venue: Sandip Foundation's Sandip Polytechnic, Nashik

Objectives:

The objective of a job fair is to bring together employers and job seekers in one location to facilitate networking, recruitment, and hiring.

Outcomes:

- 1) Job fair provides an opportunity for job seekers to network with recruiters, hiring managers, and professionals in their industry of interest.
- 2) The outcomes of a job fair can lead to successful matches between employers and job seekers, contribute to workforce development, and strengthen connections within the community.



10. PROJECT COMPETITION



Name of Event: Project Competition

Date of Event: 12/05/2023

Venue: Sandip Foundation's Sandip Polytechnic, Nashik

Objectives:

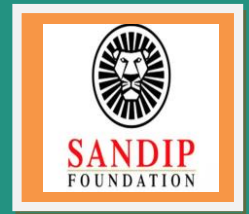
To inspire, challenge, and empower students to excel in their academic and professional endeavors while contributing to innovation and societal advancement.

Outcomes:

1. **Innovative Solutions:** The competition yields a range of innovative projects that showcase the creative problem-solving abilities of diploma students across various disciplines.
2. **Skill Development:** Participants enhance their technical, teamwork, and presentation skills through the process of conceptualizing, developing, and presenting their projects to judges and peers.
3. **Recognition and Opportunities:** Outstanding projects garner recognition, awards, and potential opportunities for further development or employment, motivating students and validating their academic and practical achievements.



11. FAREWELL

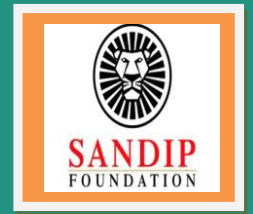


Name of Event: Farewell party

Date of Event: 28/04/2023



12. PLACEMENTS



We are happy to announce that Third Year Diploma Students of Electrical Engineering, SANDIP FOUNDATION'S, Sandip Polytechnic, Nashik has got selected as "Diploma Trainee Engineer" at **Tata Motors Pune** through "Campus Recruitment Drive".

The selection was based on offline assessment test. The company also provided offer letter to the selected students.

The names of selected candidates are as follows:

Sr. No.	Name of Placed Student	Name of Company	Package
1	Nikhil Narendra Bhangale	Tata Motors Pune	1.44 LPA
2	Sahil Abhijeet Kasar		
3	Nitin Eknath Bokhare		
4	Mansi Umakant Deore		
5	Gaurav Popat Jadhav		