

Sandip Foundation's
Sandip Polytechnic, Nashik
Department of Electrical Engineering



A.Y.:2023-2024

Newsletter

JAN – April 2024 Issue 5

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 Nashik. 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 “Career Opportunities in Abroad”

Date of Event: 16/01/2024

Objectives: To provide guidance to learners in getting information on foreign education and career opportunities Abroad. To make students aware of global education & job opportunities abroad.

Outcomes:

Gain insights on foreign education

Lucid explanation in handling formalities in studying abroad.



Name of Event: Expert Lecture on “Personality Development”

Date of Event: 20/01/ 2024

Objectives: To develop students’ personality by using pragmatic approach.

Outcomes:

- Students will be able to use Presentation Skills, Body Language and Leadership Qualities for their better career prospects.
- Students will able to work with various professional organizations. Students will understand effective planning, time management and implementation for setting goals



Name of Event: Expert Lecture on “Personality Development

Date of Event: 30/01/2024

Objectives: Its main objective is to understand the importance of personality development and Interview Techniques.

Outcomes:

- 1) Students should understand the various factors of Personality development.
- 2) Students should know the concept of self-behavior.
- 3) Students should understand the Interview Techniques.
- 4) Students should know about self-evaluation.



2. EXPERT LECTURES



Name of Event: Expert Lecture on “Awareness of Drone Application”.

Date of Event: 07.03.2024

Resource Person: Dr. Nikhil Baravkar.

Objectives:

Its main objective is to understand Drone technology and its applications.

Outcomes:

Students should understand the working of Drone.
Students should know the working aspect of Drone.
Students should familiarize with Drone Applications.
4Students should know the future of Drone Technology.



Name of Event: Expert Lecture on “Applications of IOT”.

Date of Event: 05.02.2024

Resource Person: Mr. Ullhas Mahajan.

Objectives:

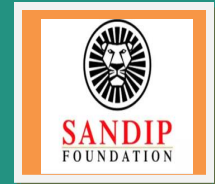
Students should know about the role of IoT in real life.

Outcomes:

Students should understand different applications of IoT.
Students should know different wireless technologies.
Students should know the role of Iot in industrial revolution.
Students should know the job opportunities in IoT.



3. INDUSTRIAL VISIT



Name of Event: Industrial Visit at “Trupti Automation”

Date of Event: 31.01.2024

Resource Person: Mr. Paresh Parashare

Objectives:

Its main objective is to know the working of various automation components used in electrical control panels.

Outcomes:

- 1) Students should understand the wiring of various components used in control panels.
- 2) Students should know the function of Variable frequency drives.
- 3) Students should understand the designing and installation of electrical switchgears in control panel.



Name of Event: Industrial Visit at “Vijaya Converter, Nashik”.

Date of Event: 15.02.2024

Resource Person: Ms. Neha Mhaispurkar.

Objectives:

Students should aware about design and manufacturing of control panel assembly.

Outcomes:

- 1) Students should understand the design of control panel box assembly
- 2) Students should know the manufacturing process.
- 3) Students should understand the material and process flow of industry.



4. INDUSTRIAL VISIT



Name of Event: Industrial Visit at Ashoka Biogreen Pvt. LTD, Nashik

Date of Event: 13.03.2024

Resource Person: CEO of Ashoka Biogreen, Nashik

Objectives:

The aim of this visit is to make the student understand the sustainable production of renewable energy from the biogas obtained of agricultural residues and food and beverage industry waste (agro-food waste) in small-scale concepts for energy self-sufficiency.

Outcomes:

- 1) Student understood the benefits of biogas plants which are environment-related, as they produce Renewable energy for domestic and industrial use.
- 2) Student understood how energy can be stored or injected into the electricity grid to reduce dependence on fossil-fuel energy, which can help reduce our carbon footprint.



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

Date of Event: 14.03.2024

Resource Person: Mr. Dnyaneshwar Chavan

Objectives:

1. A RO Plant removes the salt and impurities from briny or brine (Unwanted/waste particle-like arsenic & fluoride) therefore leading to drinkable water.
2. This technology removes giant particles, bacteria, and unwanted molecules or ions from water

Outcomes:

- 1) Students should understand basics of RO technology
- 2) Students should know process of RO water Treatment
- 3) The RO process reduces your exposure to potential contaminants, and RO water can be even better than what's found in some kinds of single-use water bottles.



5. SKILL DEVELOPMENT PROGRAM



Name of Event: “Value Addition Program on “Electric Vehicles and Hybrid Electric Vehicle Technology”

Date of Event: 15/01/2024 to 19/01/2024

Venue: - Department of Electrical, Sandip Polytechnic, Nashik

Objectives:

1. To Enhance Recent Trends in Electric Vehicles
2. To Elaborate Technical and Non-Technical Features of EV
3. To Enhance Technology about Hybrid Electric Vehicles and Green Vehicles

Outcomes:

- Identify the various components in EV
- Understand & identify various types of batteries used in EV
- Understood about the Design of charging Station
- Understood the difference between EV & HEV & also able to identify the components used in
- Understand various energy conversion stages in EV, HEV & Green Vehicles



Name of Event: “Skill Development Program-PCB Designing”

Date of Event: 15/01/2024 to 19/01/2024

Venue: - Electrical Department, Sandip Polytechnic, Nashik

Objectives:

1. Students will be provide Knowledge on Electronic components, Schematic drawing design, circuit simulation and PCB Design techniques
2. Students will be able to do the circuit designing in the Proteus 8.11 software and can design their own circuits.
3. Hands on experience in PCB Fabrication
a) Toner transfer method b) Etching Process
c) Drilling and Placement of Components
d) Soldering And testing of the Circuit.

Outcomes:

PCB (Printed Circuit Board) designing is an integral part of each electronics products and this program is designed to make students capable to design their own projects PCB up to industrial grade.



6. PARENTS MEET



Name of Event: “Parents Meet for SYEE & TYEE students”

Date of Event: 24/02/2024

Venue: - Electrical Department, Sandip Polytechnic, Nashik.

Objectives:

Its main objective is parents should know about the progress of their Son/Daughter.

Outcomes:

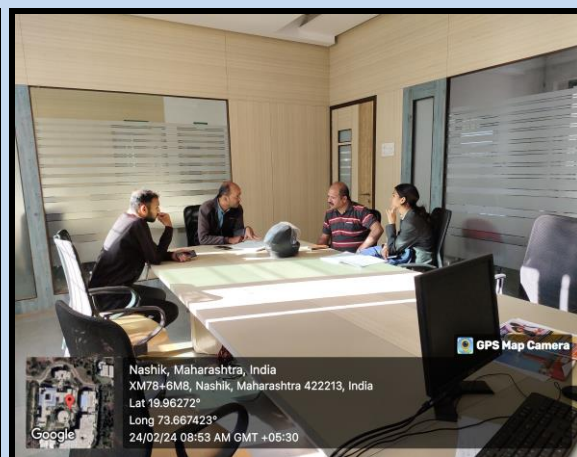
One of the researches has shown that parental involvement is the important factor in a student's success. Most of the parents that are not involved in the meeting. But, Department of Electrical Engineering at Sandip Polytechnic, Nashik, draws attention to the Parents of students in that overall development and counseling. The parent's meet help to bridge gap between institute/students/parents to create a healthy atmosphere.

Agenda:-

- DO's and Don'ts for students.
- Do and Don't for parents
- Role of parents to help the department to develop their ward as per their expectation.
- To know various academic and physical facilities with standard procedure.



Nashik, Maharashtra, India
XM78+6MB, Nashik, Maharashtra 422213, India
Lat 19.962775°
Long 73.667396°
24/02/24 09:11 AM GMT +05:30



Nashik, Maharashtra, India
XM78+6MB, Nashik, Maharashtra 422213, India
Lat 19.96272°
Long 73.667423°
24/02/24 08:53 AM GMT +05:30

7. COUNSELING OF STUDENTS AND PARENTS



Name of Event: “Counseling Of Students and Parents Regarding Improvement in Academic Performance”.

Date of Event: 07/04/2024

Venue: - Electrical Department, Sandip Polytechnic, Nashik.

Objectives:

1. Counseling is a step which is crucial as it helps students to focus their efforts and set meaningful goals. By recognizing their strengths and weaknesses
2. The primary aim of counseling is to enhance and promote self-learning in students and help them to become independent.

Outcomes:

1. Students can open up and speak out their issues without any fear. This can give them some relief from the problems they go through.
2. This is helpful to the students to increase their confidence, decision-making skills and ability to manage stress effectively.
3. This counseling session helps to improve student’s learning strategies and academic Performance.



8. FAREWELL



Name of Event: Farewell for the A. Y. 2023-24 Batch

Date of Event: 27/04/ 2024

Objectives:

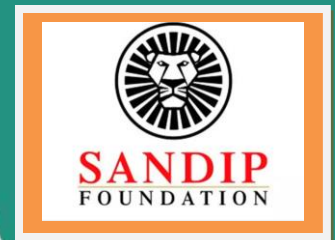
1. A farewell party is a gathering held to say goodbye to third year students of electrical department
2. Farewell is basically provides an opportunity to celebrate their achievements, express appreciation, and offer well wishes for their future endeavors.

Outcomes:

1. The students from second year Diploma arranged a farewell party to the final year outgoing students.
2. Hence juniors wish their seniors a good luck for their next big adventures in various forms like singing, dancing, with motivational speeches or by felicitating them.
3. All the students were felicitated by the staff , while Principal sir addressing the student, he explained the dilemmas which would be a barrier to the legal profession how the students should prepare themselves for their future endeavors and wished them with his motivational speech.



9.State Level Tech-Fest 2K24



SANDIP FOUNDATION'S SANDIP POLYTECHNIC
At Post-Mahiravani, Trimbak Road, Nashik-422113, Maharashtra, India

OUR VISION

- To produce skilled technocrats for serving industry, society and pursue higher education.

OUR MISSION

- To provide State of the art infrastructure, qualified and competent teaching faculty.
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- To provide platform for development professional, social skill and lifelong learning.

PATRONS

Hon. Dr. Sandip Jha,
Chairman, Sandip Foundation, Nashik

Prof. Dr. J. R. Ghossein (Chairman)
Gen. Secy. (Dr. J. R. Ghossein)
COMMITTEE | 18252974
PROF. V. B. CHAVAN
PROF. R. S. PATIL
PROF. H. S. PATIL
PROF. S. S. PATIL

STATE LEVEL TECH-FEST 2024

PRIZE WORTH 25,000/-RS

SPONSORS

EVENTS ON 16 MARCH 2024

- DIGITAL POSTER COMPETITION
- QUIZ COMPETITION
- PAPER PRESENTATION COMPETITION
- PROJECT COMPETITION
- FREE FIRE GAME COMPETITION
- CADD QUIZ COMPETITION

VENUE : SP BUILDING

Name of Event: Project Competition

Date of Event: 16/03/2024

Objectives:

To create a group of young minds with talent.
To lend hands to beginners and lead them to the world of knowledge.
To guide on specific areas of quizzing and encourage to participate in out of the box competitions.

Participants: TYEE



Name of Event: Paper Presentation.

Date of Event: 16/03/2024

Objectives:

Encourage diploma students to demonstrate their research, analytical, and communication skills through a competition. The objective is to foster academic excellence, promote critical thinking, and recognize outstanding scholarly work within the diploma student community.

Participants: TYEE and SYEE Students.



State Level Tech-Fest 2K24



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Hon. Dr. Sandip Jha,
Chairman, Sandip Foundation, Nashik

Prof. Prasad Chavan, Head of IT, Shivajinagar
DMS Academic Coordinator | 9422433333
Dr. Shafiq Ullah, Head of IT, Shivajinagar
DMS Academic Coordinator | 9422433333
Prof. V. B. Chavhan, Head of IT, Shivajinagar
DMS Academic Coordinator | 9422433333
Prof. G. D. Patilkar, Head of IT, Shivajinagar
DMS Academic Coordinator | 9422433333

EVENTS
ON 16 MARCH 2024

- DIGITAL POSTER COMPETITION
- QUIZ COMPETITION
- PAPER PRESENTATION COMPETITION
- PROJECT COMPETITION
- FREE FIRE GAME COMPETITION
- CADD QUIZ COMPETITION

VENUE : SP BUILDING

STATE LEVEL TECH-FEST 2024

PRIZE WORTH 25,000/-RS

SPONSORS

Name of Event: Poster Competitions.

Date of Event: 16/03/2024

Objectives:

To showcase how technological and societal development will be embraced (and will transform) in college.

Technical fests are ways of exploring spectacular ideas that are displayed from students

Participants: TYEE and SYEE Students.



Name of Event: Quiz Competitions.

Date of Event: 16/03/2024

Objectives:

The Objective behind to organize Quiz competition is to evaluate the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions.

Participants: TYEE and SYEE Students.






10. TOPPERS



SANDIP
FOUNDATION




WINTER - 2023 EXAM THIRD YEAR

CONGRATULATIONS!!!!

Rank	Name of Students	Percentage	Photo
1	PRINCE KUMAR	91.10%	
2	LIBIN MOHAN VARGHESE	89.00%	
3	GANGURDE SWAPANALI RAVINDRA	88.70%	

WINTER - 2023 EXAM SECOND YEAR

CONGRATULATIONS!!!!

Rank	Name of Students	Percentage	Photo
1	RUTUJA DADABHAU GANGURDE	83.5%	
2	ADKE PRIYA DNYANESHWAR	82.75%	
3	GAIKWAD SHRUTIKA BANDU	80.38%	

11. ACHIEVEMENT



Second year Electrical Engineering students, Rohit Adapure (Runner Up) in the Competition Weight Lifting 56 Kg Organized by Men's E2 Zonal Sports Meet 2023-2024 "IEDSSA" held at K. K. Wagh Polytechnic ,Nashik



We are happy to announce that Narayan Surwade, And Paras Khandagale Third Year Diploma Students of Electrical Engineering, Sandip Foundations, Sandip Polytechnic, received Second prize at State Level Paper Presentation Competition organized by Pravin Patil College of Diploma Engineering and Technology, Bhayander.

Our Third year Electrical Engineering students, Roshan Jat & Narayan Surwade got First Prize in Project Competition at SANDIP TECH FEST 2024.



Our Third year Electrical Engineering students, Saurabh Deshmukh & Libin Varghese got First Prize in Paper presentation Competition at SANDIP TECH FEST 2024.

12. PLACEMENT



Placements details are as below:

Sr. no	Name of Student	Name of Company	Package	Photos
1.	Narayan Surwade	ABB India Pvt. Ltd, Nashik	4.5 L PA	
2.	Prince Kumar	Haier Appliances India Ltd, Pune	3 LPA	
3.	Narayan Surwade	Macleods Pharm. Ltd, Mumbai	2.1 LPA	
4.	Roshan Jat	Macleods Pharm. Ltd, Mumbai	2.1 LPA	
5.	Paras Khandagale	Macleods Pharm. Ltd, Mumbai	2.1 LPA	
6.	Bhupesh Talele	Macleods Pharm. Ltd, Mumbai	2.1 LPA	