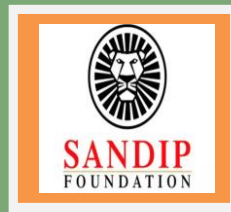


SANDIP FOUNDATION'S SANDIP POLYTECHNIC, NASHIK

Department of Electrical Engineering

A.Y.:2023-2024



Newsletter

July - Nov 2023 Issue 4

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 “**Emerging Technology in Electronics**”

Date of Event: 13/10/2023

Resource Person: Dr. Mangesh D. Nikose

Objectives:

Its main objective is to aware about “**New trends in Electronics**”

Outcomes:

1. Student should acknowledge about various upcoming trends in electronics.
2. Student should understand applications of Arduino in the field of engineering.
3. Students should know the types of Arduino with their use.



Name of Event: Expert Lecture on “**Emerging Trends in Illumination Engineering**”

Date of Event: 21/09/2023

Resource Person: Mr. Yateen D. Mujumdar

Objectives:

Its main objective is to aware about “**New trends in Effective Electrical Lighting Systems**”.

Outcomes:

1. Student should acknowledge about various effects of lighting system.
2. Student should understand applications of effective lighting system.
3. Students should know the types of lighting and its effects.



Name of Event: Expert Lecture on “**Environment Awareness**” (Zero Snakebite Awareness Campaign)

Date of Event: 05/08/2023

Resource Person: Mr. Jayesh Patil

Objectives:

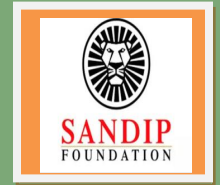
Its main objective is to aware about “**Zero Snakebite Awareness Campaign**”

Outcomes:

- Students should understand the first aid treatment after snake bite.
- Students should know the types of snakes.
- Students should aware about role of snake in our environment.



2. EXPERT LECTURES



Name of Event: Expert Lecture on “Opportunities & Prospects in Space Technology”.

Date of Event: 14/08/2023

Resource Person: Er. Mrs. Apurva Jakhadi

Objectives:

Its main objective is to know about “Space Technology”.

Outcomes:

1. Students should understand the opportunities in Space Technology.
2. Students should understand various prospects of Space technology.
3. Students get knowledge about career in space technology.
4. Students should aware about the recent technology used in NASA and ISRO about satellite.

Name of Event: Expert Lecture on “Recent Trends in Solar power PV Technology”.

Date of Event: 03/10/2023

Resource Person: Mr. Nityanand Tiwari

Objectives:

Its main objective is to aware about “Recent Trends in Solar power PV Technology”

Outcomes:

1. Student should acknowledge about various upcoming technologies in the field of Solar Power Generation.
2. Student should understand new opportunities in solar power.
3. Students should know the various components used in solar with their function.

Name of Event: Expert Lecture on “ROAD SAFETY”

Date of Event: 08/08/2023

Resource Person: Er. Swapnil Wakale

Objectives:

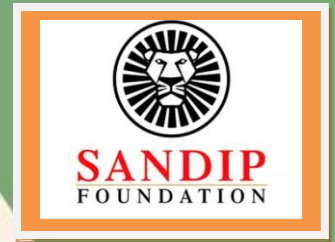
Its main objective is to aware about “Road Safety”.

Outcomes:

1. To encourage all the travelers to follow the traffic rules and wear helmets and seat belts while driving.
2. To provide the students with lifetime skills for maneuvering in the public roads and highways.
3. Helps in the prevention of accidents and fatality.



3. INDUSTRIAL VISITS



Name of Event: Industrial Visit at “SIEM-100kW Roof-Top Solar Plant”

Date of Event: 29/09/2023.

Resource Person: - Prof. Subashchandra Sahoo

Objectives:

Its main objective is to know the working of **Solar Plant**.

Outcomes:-1.Students should understand the various components used in Solar System.

2. Students should know the function of solar plant.

3. Students should understand the flow of electricity generation by using solar energy.



Name of Event Industrial Visit at “Dhanraj Switchgear”

Date of Event: 23/08/2023.

Resource Person: - Mr. Dhanraj Kothawade

Objectives:

Its main objective is to know the various electrical switchgear components used in electrical control panels with their function

Outcomes: - 1.Students should recognize various switchgear components.

2. Students should know the manufacturing process of Electrical Control panels.



Name of Event: Industrial Visit at “SGSL, Sinner Plant Nashik”

Date of Event: 12/09/2023.

Resource Person: - Mr. Dnyaneshwar Dhattrak

Objectives:

Its main objective is to know the working of Windmill.

Outcomes: - 1.Students should understand the function of Windmill.

2. Students should know the different parts of Windmill.

3. Students should understand the flow of electricity generation by using wind energy.



4. PARENTS MEET



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

Date of Event: - 30th September, 2023.

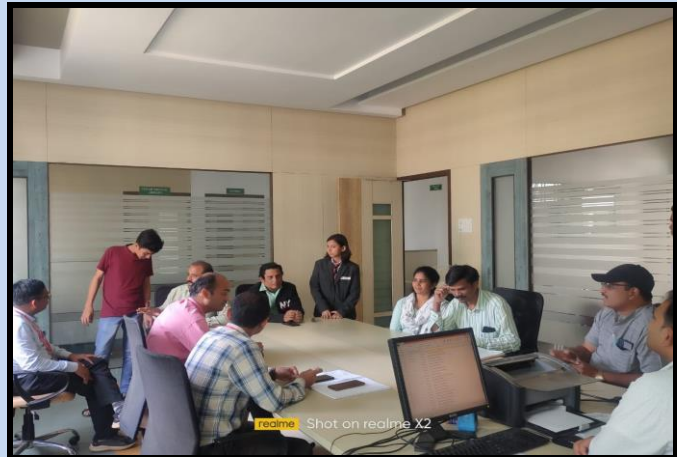
Venue: - Department of Electrical Engineering, Sandip Polytechnic, Nashik.

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.



5. TEACHER'S DAY CELEBRATION



Name of Event:-“Teacher's Day Celebration”

Date of Event:- 05th September, 2023

Venue: - Department of Electrical Engineering, Sandip Polytechnic, Nashik.

Objectives:-

Its main objective is students should express their gratitude towards their Teachers.

Outcomes:-

“Teachers Day” was celebrated on 5th of September 2023 on the mark of birth anniversary of Dr. Sarvapalli Radhakrishnan in Electrical Department by SYEE and TYEE students to show their gratitude towards their Teachers. On this occasion Principal of Sandip Polytechnic, Nashik Prof. P. M. Dharmadhikari Sir and HOD of Electrical Department Prof. V. S. Patil sir enlightened the students regarding the lifespan Dr. Sarvapalli Radhakrishnan and role of teachers in our life.



6. SKILL DEVELOPMENT PROGRAMS



Name of Event: - Skill Development Program of “Electrical Installation & Wiring”.

Date of Event: - 21st August to 26th August, 2023

Venue: - Department of Electrical Engineering, Sandip Polytechnic, Nashik.

Objectives:-

The main objective of this program is to introduce the student to the techniques of electrical wiring and installation and also its maintenance

Outcomes:-

- Students will be able to design the electrical circuits.
- Students will be able to design and implement the circuit of residential installation.
- Students will be able to do the electrical wiring of installation.



Name of Event: - Skill Development Program of “Energy Conservation and Audit”.

Date of Event: - 11Sept to 13 Sept, 2023

Venue: - Department of Electrical Engineering, Sandip Polytechnic, Nashik.

Objectives:-

The main objective of this program is to introduce the student to the techniques of Energy Conservation and Audit

Outcomes:-

- Students will be able to conserve energy to gain more control over their energy bill and reduce the demand on the earth's natural resources.
- Student will be able to implement the energy conservation techniques in electrical machines.
- Students will be able to carry out the energy audit of any electrical system.



7. CERTIFICATION COURSES



Name of Event: - Certification Course on “PLC Automation”

Date of Event: - 08th August to 13th August, 2023

Venue: - Department of Electrical Engineering, Sandip Polytechnic, Nashik.

Description:-

PLCs are used to automate industrial processes such as a manufacturing plant’s assembly line, an ore processing plant, or a wastewater treatment plant.

Outcomes:-

- To apply PLC based control to a manufacturing system
- To be identify instrumentation required to implement a PLC control system
- To program a PLC.
-



Name of Event: - Certification Course on “Auto-CAD”.

Date of Event: - 21st August to 26th August, 2023.

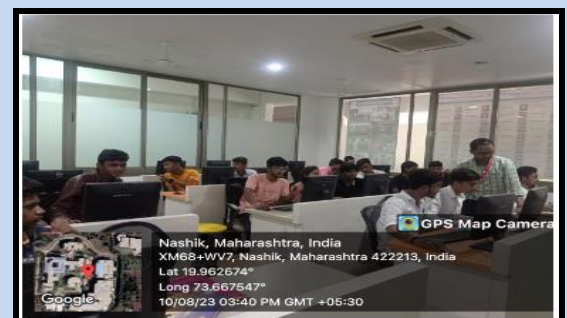
Venue: - Department of Electrical Engineering, Sandip Polytechnic, Nashik.

Description:-

With the advancement of technology, many electrical designers use CAD software to create and edit electrical drawings and schematics.

Objectives of Certification program:-

- In this program of Auto-CAD Electrical, students will learn when it is appropriate to simplify or edit
- Electrical CAD designs for any Schematic or Electrical project, and how to accomplish it.
- AutoCAD Electrical courses open the door for opportunities in design sector. Ensure your success with proficiency in Auto CAD Electrical certification program.






8. TOPPERS



SANDIP
FOUNDATION




**SUMMER - 2023 EXAM
THIRD YEAR**

CONGRATULATIONS!!!!

Rank	Name of Students	Percentage	Photo
1	DEORE MANSI UMAKANT	83.22%	
2	BHANGALE NIKHIL NARENDRA	81.78%	
3	KASAR SAHIL ABHIJEET	81.17%	

**SUMMER - 2023 EXAM
SECOND YEAR**

CONGRATULATIONS!!!!

Rank	Name of Students	Percentage	Photo
1	PRINCE KUMAR	85.47%	
2	GANGURDE SWAPNALI RAVINDRA	80.27%	
3	GANGURDE KOMAL RAHUL	76.93%	

9. POSTER, QUIZ & CIRCUIT MAKING COMPETITION



Name of Event: Poster Competitions.

Date of Event: 15.09.2023

Objectives:

1. Engineer's day is celebrated in India, on September 15th. In 1968, the Government of India decided to mark the birth anniversary of Mokshagundam Visvesvaraya to remember the work of one of the greatest minds of Indian soil.
2. Mokshagundam Visvesvaraya received the Bharat Ratna in 1955 for his work in engineering and education.
3. On the occasion of Engineer's Day our EESA student committee organized a "Poster Competition"

Participants: TYEE and SYEE Students.



Name of Event: Quiz Competitions.

Date of Event: 15.09.2023

Objectives:

1. Engineer's day is celebrated in India, on September 15th. In 1968, the Government of India decided to mark the birth anniversary of Mokshagundam Visvesvaraya to remember the work of one of the greatest minds of Indian soil.
2. Mokshagundam Visvesvaraya received the Bharat Ratna in 1955 for his work in engineering and education.
3. On the occasion of Engineer's Day our EESA student committee organized a "Quiz Competition"

Participants: TYEE and SYEE Students.



Name of Event: Circuit Making Competitions.

Date of Event: 15.09.2023

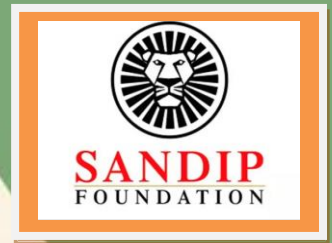
Objectives:

1. Engineer's day is celebrated in India, on September 15th. In 1968, the Government of India decided to mark the birth anniversary of Mokshagundam Visvesvaraya to remember the work of one of the greatest minds of Indian soil.
2. Mokshagundam Visvesvaraya received the Bharat Ratna in 1955 for his work in engineering and education.
3. On the occasion of Engineer's Day our EESA student committee organized a "Circuit Making Competition"

Participants: TYEE and SYEE Students.



10. SOCIAL ACTIVITY



1. Tree Plantation:



2. Meri Mati Mera Desh :

