

# ME-RECENT

# 2021-22

SANDIP FOUNDATION'S

**SANDIP POLYTECHNIC NASHIK**



**SANDIP**  
FOUNDATION

**PROGRAM : MECHANICAL ENGINEERING**

**SANDIP FOUNDATION'S**

**SANDIP POLYTECHNIC, NASHIK**

**PROGRAM: MECHANICAL ENGINEERING**



**SANDIP**  
FOUNDATION

### **SANDIP FOUNDATION**

#### **VISION**

- ◆ To mould our youngsters into Millennium Leaders not only in Technological and Scientific fields but also to nurture and strengthen the innate goodness and humane nature in them.
- ◆ To equip them to face the future challenges in technological breakthroughs , information explosions and deliver the bounties of frontier knowledge for the benefit of humanity in general, the downtrodden and the underprivileged in particular.

#### **MISSION**

- ◆ To build a strong Center of Excellence in Learning & Research in Engineering and Frontier Technology.
- ◆ To facilitate students to learn and imbibe discipline, culture and spirituality besides encouraging them to assimilate the latest technological knowhow.
- ◆ To render a helping hand to the underprivileged, thereby acquiring happiness and imparting the same to others without any reservation whatsoever.
- ◆ To emerge into a magnificent and mighty launching pad to turn out technological gains.

### **MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION (MSBTE)**

#### **VISION**

- ◆ To ensure that the Diploma level Technical Education constantly matches the latest requirements of Technology and industry and includes the all-round personal development of students including social concerns and to become globally competitive, technology led organization.

#### **MISSION**

- ◆ To provide high quality technical and managerial manpower, information and consultancy services to the industry and community to enable the industry and community to face the challenging technological & environmental challenges.

**SANDIP FOUNDATION'S**

**SANDIP POLYTECHNIC, NASHIK**

**PROGRAM: MECHANICAL ENGINEERING**



**SANDIP**  
FOUNDATION

## **SANDIP POLYTECHNIC, NASHIK**

### **VISION**

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

### **MISSION**

- ◆ 1. To provide State of the art infrastructure, qualified and competent teaching faculty.
- ◆ 2. To provide industry institute Industry-Interaction, employability enhancement and higher education.
- ◆ 3. To provide Platform for development of professional, social skill and lifelong learning.

## **PROGRAM : MECHANICAL ENGINEERING**

### **VISION**

- ◆ To develop skilled mechanical engineers to meet the needs of industry and society

### **MISSION**

- ◆ **M1:** To impart quality technical education to enhance technical knowledge, skills and higher education capabilities.
- ◆ **M2:** To depute students for in plant training through industry institute interaction to learn technology advances.
- ◆ **M3:** To develop lifelong learning and social attitude in students to serve society.

SANDIP FOUNDATION'S

**SANDIP POLYTECHNIC, NASHIK**

**PROGRAM: MECHANICAL ENGINEERING**



### PROGRAM EDUCATIONAL OBJECTIVES [PEO]

- ◆ **PEO1:** Provide socially responsible, environment friendly solutions to mechanical engineering related broad-based problems adapting professional ethics
- ◆ **PEO2:** Adapt state-of-the-art mechanical engineering broad-based technologies to work in multidisciplinary work environments.
- ◆ **PEO3:** Solve board-based problems individually and as a team member communicating effectively in the world of work.

### PROGRAM OUTCOMES [PO]

- ◆ **1. Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- ◆ **2. Problem analysis:** Identify and analyze well-defined engineering problems using codified standard methods.
- ◆ **3. Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet Specified needs.
- ◆ **4. Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- ◆ **5. Engineering practices for society, sustainability and environment:** Apply appropriate Technology in context of society, sustainability, environment and ethical practices.
- ◆ **6. Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about welldefined engineering activities.
- ◆ **7. Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

### PROGRAM SPECIFIC OUTCOMES [PSOs]

- ◆ **1. Modern Software Usage:** Use latest Mechanical engineering related softwares for simple design, drafting, manufacturing, maintenance and documentation of mechanical engineering components and processes.
- ◆ **2. Equipment and Instruments:** Maintain equipment and instruments related to Mechanical Engineering.
- ◆ **3. Mechanical Engineering Processes:** Manage Mechanical engineering processes by selecting and scheduling relevant equipment, substrates, quality control techniques, and operational parameters. learn technology advances.

SANDIP FOUNDTION'S

## SANDIP POLYTECHNIC, NASHIK

DEPARTMENT OF MECHANICAL ENGINEERING



**Name of Event** : Expert Talk on “Emerging Trends in Lighting”.

**Date of Event** : 16/3/2022

**Name of Expert** : Mr. Yateen D. Mujumdar, Life Member ISLE, Nashik

**Objectives:** - The main objective of the event was to understand the various Lighting Effects.

**Outcomes:-**

- Students should understand the use of Effective Lighting.
- Students should know the various lighting CRI-Color rendering Index.
- Students should know the Types of lighting.

**Participants:** - SYME & TYME Students

**Photographs:**





Date: 18/04/2022

**Name of Event:-** Departmental Poster Competition.

**Date of Event:-** 18/04/2022

**Resource Person:-** Mechanical Engineering Department.

**Objectives:**

To develop awareness about Social Issue, Nature and Modern Technology.

**Participant: TYME Student**

**Photographs:**



**SANDIP FOUNDATION'S**  
**SANDIP POLYTECHNIC, NASHIK**  
Department of Mechanical Engineering



**“Technical-Quiz 2022”**

Date:- 18/04/2022

**Name Of The Event:-** Departmental Quiz Competition

**Date Of Event:-** 18/04/2022

**Resource Person:-** Mechanical Engineering Department.

**Objectives:-**

1. To Encourage students to improve their aptitude knowledge.
2. To Motivate students to learn objective questions related to the field of mechanical engineering.

**Outcomes:-**

In this event of departmental Quiz Competition students from SYME and TYME have been participated and tried their best for answering the objective questions. There are three rounds, first round is technical questions round, Second round includes Rapid fire questions, Third round includes Logo/Symbol/Figure questions contestant like buzzer round but here students have to raise their hand and clap, Final Round is also similar to buzzer round 3 includes identification of mechanisms/ parts from mechanical discipline .



**Name of Winners:-**

<b>First Winner</b>	<b>Runner UP</b>
1. Kalpesh Garud - TYME	1. Prathamesh Karvir-SYME
2. Nishant Trivedi- TYME	2. Ganesh Rokade- SYME

SANDIP FOUNDATION'S  
**SANDIP POLYTECHNIC, NASHIK**  
Department of Mechanical Engineering



Date: 19/04/2022

**Name of Event:-** Departmental Project Competition.

**Date of Event:-** 19/04/2022

**Resource Person:-** Mechanical Engineering Department.

**Objectives:**

1. To encourage students to encourage to improve their presentation and communication skills.
2. To develop awareness about design, development, manufacturing of third year project.

**Outcomes**

In this event, Departmental Project Competition students of TYME participated and tried their best for presenting their Project in the competition. Students have presented their project along with the report on selected topic. The event was inaugurated by Hon Principal Prashant N Patil, Mr Shrivastav of SITRC and Head of the Department and Prof. J. R. Wadile.

**Participant: TYME Students**

**Photos:**





SANDIP FOUNDATION'S

## SANDIP POLYTECHNIC, NASHIK

DEPARTMENT OF MECHANICAL ENGINEERING



**Name of Event** : Expert Talk on “Awareness of climate change, solar energy & demonstration of energy solar bus”.

**Date of Event** : 20/12/2021

**Name of Expert** : Prof. Chetan Singh Solanki (IIT Bombay)

**Objectives:** - The main objective of the event was to understand the climate change, solar energy.

**Outcomes:-**

- Students should know about climate change & its adverse effects.
- Students should be aware of use of alternative source of energy that is Solar Energy

**Participants:** - SYME & TYME Students

**Photograph:-**

Sandip Foundation's  
Sandip Polytechnic, Nashik  
**ENERGY SWARAJ YATRA**  
By the SOLARMAN OF INDIA  
**Prof. Chetan Singh Solanki**  
(IIT Bombay)

An interactive session on  
Awareness of climate change,  
Solar Energy & demonstration of  
Energy Swaraj Solar Bus.

Time - 2:30 PM : Day- 20 Dec 2021 (Monday)  
Venue- Seminar Hall, Sandip Polytechnic, Nashik

SANDIP FOUNDATION'S

**SANDIP POLYTECHNIC, NASHIK**

**DEPARTMENT OF MECHANICAL ENGINEERING**



**Name of Event** : Expert Talk on “Technologies of future in Mechanical Design”.

**Date of Event** : 28/03/2022

**Name of Expert** : Mr. Satish Maniyar , Founder and CEO of Techno-Cad ,Nashik

**Participants:** - SYME & TYME Students

**Objectives:** - The main objective of the event was to understand the use of software in machine design.

**Outcomes:-**

- Students should understand the use of Design Software.
- Students should be aware of design software available.

**Photographs:**



SANDIP FOUNDATION'S  
**SANDIP POLYTECHNIC, NASHIK**  
Department of Mechanical Engineering



Date: 29/04/2022

**Name of Event:-** Expert Talk on Carrier Guidance.

**Date of Event:-** 29/04/2022

**Resource Person:-** Er. Mayur Walke  
(Alumni Sandip Polytechnique, Nashik.)  
GET in Infosys Lmt. Pune

**Objectives:**

1. To encourage students to improve their Software Skill.
2. To guide the students about opportunities in Software Industries.

**Participant: Mechanical Engineering Students**

**Photos:**



SANDIP FOUNDATION'S  
**SANDIP POLYTECHNIC, NASHIK**  
Department of Mechanical Engineering



Date: 30/04/2022

**Name of Event** :- Expert Talk by Alumni of Sandip Polytechnic on Career Guidance.

**Date of Event** :- 30/04/2022

**Resource Person:-** Miss Mayuri Raneja  
HR Awingn Enterprises  
Infotech Pvt Ltd. USA

Miss Purva Shinde  
QMC Coordinator  
Panchal Engineers India Pvt Ltd, Nashik

**Participant:** Mechanical Engineering Students

**Photos:**





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Department of Mechanical Engineering



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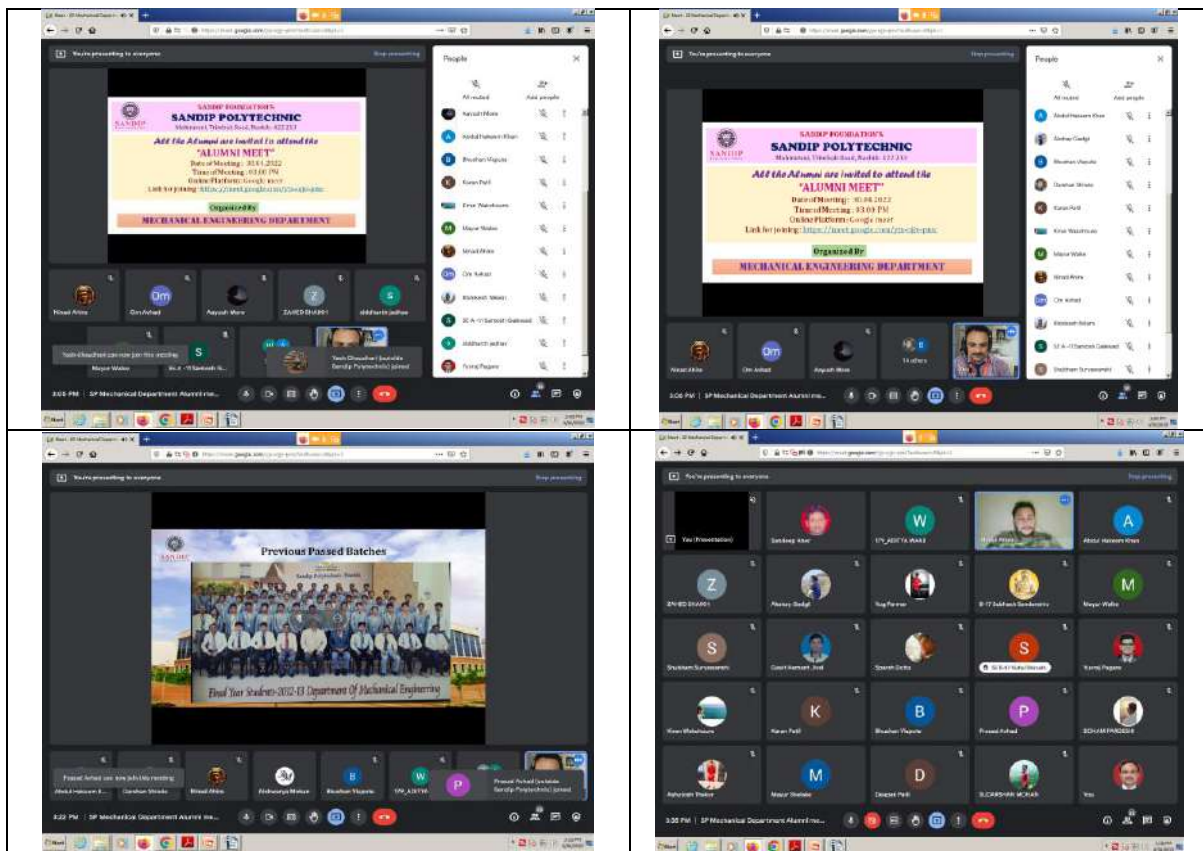
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Date of Event:- 30/04/2022

Objectives:  
To encourage Alumni students to share their work experience and recent development in career and life.

Participant: Mechanical Engineering Students and Staff

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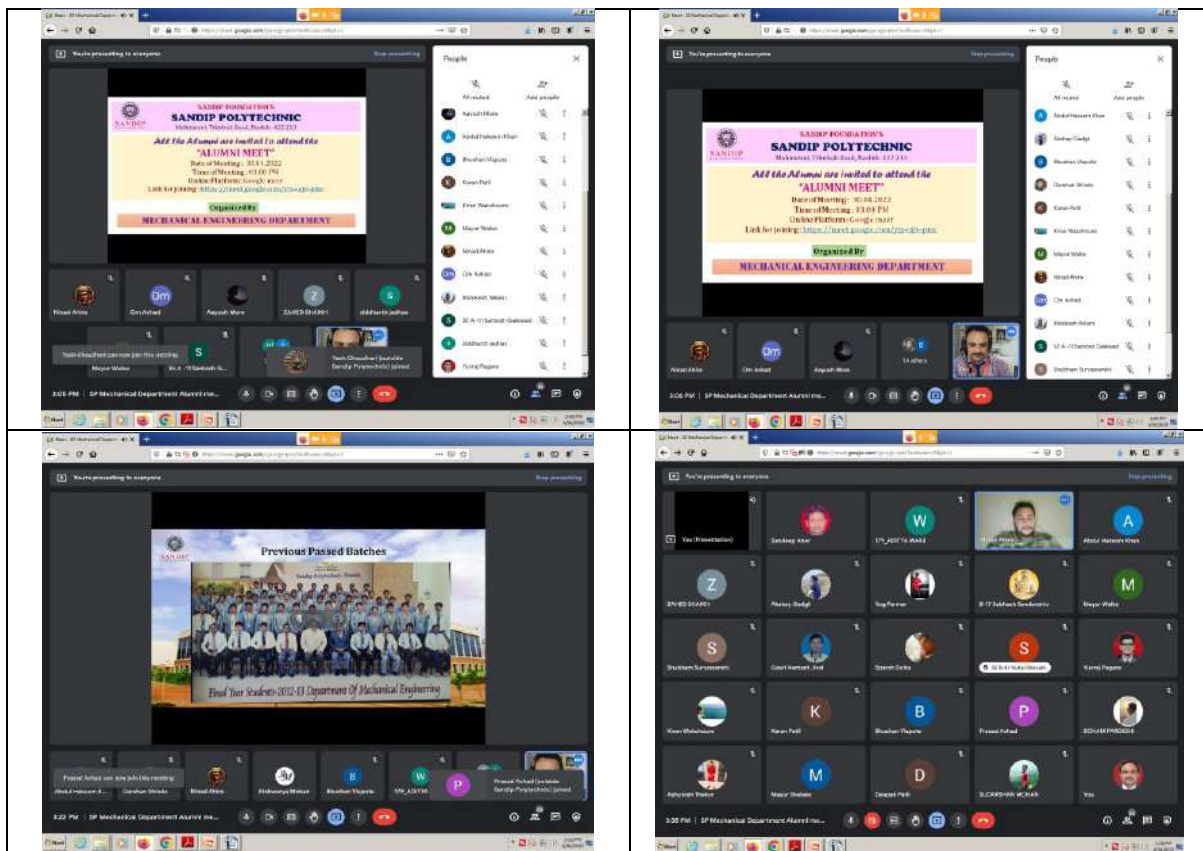
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SANDIP POLYTECHNIC, NASHIK**

**Department of Mechanical Engineering**

**Academic Year 2021-22**

We are happy to announce that Third Year Diploma Students of Mechanical Engineering, SANDIP FOUNDATION'S, Sandip Polytechnic, Nashik has got selected as "Diploma Trainee Engineer" at Bajaj Auto Ltd. through "Virtual Campus Recruitment Drive"

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

The names of selected candidates are as follows:

- 1) Abhijeet Krushna Shelke
- 2) Prasad Arun Kokate
- 3) Gorakh Bhaskar Boke
- 4) Sunil Vijay Bombale
- 5) Shubham Vilas Sanap
- 6) Vishal Sandip Kale



Dr. Sandip Jha, Chairman, Sandip Foundation and Prof. Prashant Patil, Principal, Sandip Polytechnic, Nashik congratulated all the students on their selection in this Campus Drive.





**SANDIP**  
FOUNDATION

**SANDIP**  
**POLYTECHNIC**

## PLACEMENTS BATCH 2022

*Department of Mechanical Engineering*



Master Abhijeet Krushna Shelke



Master Sunil Vijay Bombale



Master Prasad Arun Kokate



Master Shubham Vilas Sanap



Master Gorakh Bhaskar Boke



Master Vishal Sandip Kale

**Designation:** Diploma Engineer Trainee

**Bajaj Auto Ltd.**



**1800 233 2714**

[www.sandipfoundation.org](http://www.sandipfoundation.org)

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## PLACEMENTS BATCH 2022

*Department of Mechanical Engineering*



Master Abhijeet Krushna Shelke



Master Sunil Vijay Bombale



Master Prasad Arun Kokate



Master Shubham Vilas Sanap



Master Gorakh Bhaskar Boke



Master Vishal Sandip Kale

**Designation:** Diploma Engineer Trainee

**Bajaj Auto Ltd.**



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