

SANDIP POLYTECHNIC, NASHIK



## SPECTRUM

JAN - DEC 2K22

#### **SANDIP FOUNDATION'S**

### SANDIP POLYTECHNIC, NASHIK

#### **Department of Electrical Engineering**

A.Y.:2021-2022

**Newsletter** 

February - June 2022 Issue 1



#### **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"

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**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 help become vou 'insanely' great at what you do, achieve your imagination.

# 1. EXPERT LECTURES



Name of Event: Expert Lecture on "Basics of Auto CAD"

**Date of Event:** 11/03/2022

Resource Person: Mr. Manish Chaudhari

#### **Objectives:**

Its main objective is to understand the various command of Auto CAD used in electrical wiring diagrams.

#### **Outcomes:**

- 1. Students should understand the use of Auto CAD in electrical field.
- 2. Students should know the 2D drawing drafting functions like limits and draw command.
- 3. Students should know the various settings of Auto CAD.



Name of Event: Expert Lecture on "Personality Development"

**Date of Event:** 02/03/2022

Resource Person: Mrs. Raginee Sathankar

#### **Objectives:**

Its main objective is to understand the various factors of Personality Development.

#### **Outcomes:**

- 1. Students should understand the personality development.
- 2. Students should know the professional behavior.
- 3. Students should know the leadership quality.



Name of Event: Expert Lecture on "Self Defense Training"

Date of Event: 08/03/2022 Resource Person: Mr. Gopal Shihan Suntury Objectives:

To motivate & develop Girls students' confidence level, Self-defense, discipline & positive attitude by giving training for self-defense.

- 1) Girls students will be able to decrease dropout rates and make girls more confident by empowering them to defend themselves in times of danger.
- 2) Learning self-defense skills benefits women in ways that extend beyond discovering how to protect themselves. It also boosts their self-esteem and positively affects their personality.



## 2. EXPERT LECTURES



Name of Event: Expert Lecture on

"Emerging Trends in Electrical Lighting"

**Date of Event:** 16/03/2022

Resource Person: Mr. Yateen Mujumdar

#### **Objectives:**

Its main objective is to understand the various Lighting Effects.

#### **Outcomes:**

- 1. Students should understand the use of Effective Lighting.
- 2. Students should know the various lighting CRI-Color rendering Index.
- 3. Students should know the types of lighting.



Name of Event: Expert Lecture on "Technologies of Future in Electrical Design"

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

Resource Person: Mr. Satish Maniyar

#### **Objectives:**

Its main objective is to understand the recent trends in Electrical Design.

- 1. Students should understand the various electrical design software.
- 2. Students should know the upcoming technologies in electrical design area.
- 3. Students should understand the various applications of electrical design tools.



# 3. INDUSTRIAL VISITS



Name of Event: Industrial Visit at "33kV/11kV Khambale Substation"

**Date of Event:** 15/03/2022

Resource Person: Mr. Wankhede Sir

#### **Objectives:**

Its main objective is to understand the various components of substation.

#### **Outcomes:**

- 1) Students should understand the important components of the 33/11KV Substation.
- 2) Students should understand the various function of Step down transformer.
- 3) Students should understand the components such as Lightning Arrestor, Circuit Breaker etc.



Name of Event: Industrial Visit at "Nashik Transformer"

**Date of Event:** 16/03/2022

Resource Person: Mr. Jaydev Vaydande

#### **Objectives:**

Its main objective is to understand the various parts and their function of transformer.

- 1) Students should understand the manufacturing process of transformer.
- 2) Students should understand the material required to manufacturing of a transformer.
- 3) Students should understand the testing of transformer.



# 4. INDUSTRIAL VISITS



Name of Event: Industrial Visit at "Kadwa

Sugar Factory"

**Date of Event:** 24/03/2022

Resource Person: Mr. N. V. Khalkar

#### **Objectives:**

Its main objective is to understand the various machinery used in Sugar Factory.

#### **Outcomes:**

- 1) Students should understand the manufacturing process of Sugar.
- 2) Students should understand the electrical maintenance of factory machines.
- 3) Students should understand the protection system used for factory machinery.



Name of Event: Industrial Visit at "AIMA – INDEX EXPO 2022"

**Date of Event:** 19/03/2022

#### **Objectives:**

The main objective is to get the information regarding machines, electric cars.

#### **Outcomes:**

- 1) Students should understand the important components of the electric cars.
- 2) They will get knowledge of various machine production equipments.



## 5.TOPPERS



#### WINTER - 2021 EXAM THIRD YEAR

#### **CONGRATULATIONS!!!!**

Rank	Name of Students	Percent age	Photo
1	DHAKE LOKESH ANIL	94.5	
2	GOWARDHANE PAWAN DHULAJI	92.9	
3	DESALE KUNAL NITIN	92.3	

#### WINTER - 2021 EXAM SECOND YEAR

#### **CONGRATULATIONS!!!!**

Rank	Name of Students Percentage		Photo
1	GOSAVI SANDIP SANJAY	92.36	
2	RANJAN AJIT ANUJ	91.75	
3	BOKHARE NITIN EKNATH	90.00	

## 6. CARROM COMPETITION



Name of Event: Carrom Competition

**Date of Event:** 18/02/2022

**Venue:** SYEE class room (105)

#### **Objectives:**

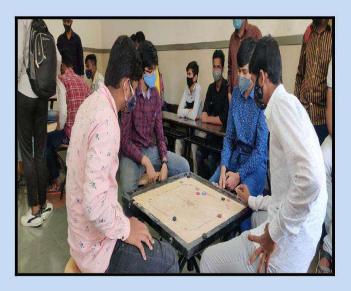
Its main objective is to develop indoor game skills of students.

#### **Outcomes:**

1) Students should play and develop himself.

2) Students should understand the rules of games and stand in difficult situation.





## 7. PLACEMENTS



We are happy to announce that Third Year Diploma Students of Electrical Engineering, SANDIPFOUNDATION'S, Sandip Polytechnic, Nashik has got selected as "Diploma Trainee Engineer" at ABB India Ltd, Bajaj Auto Ltd, Advik Hi - Tech Pvt. Ltd., Pune through "Campus Recruitment Drive" The selection was based on offline/online 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	Ojas Parashare	ABB India Ltd.	3.25 LPA
2	Pavan Dhulaji Govardhane	ABB India Ltd.	3.25 LPA
3	Supriya Eknath Kedare	Bajaj Auto Ltd	1.38 LPA
4	Vishal Rajendra Beldar	Bajaj Auto Ltd	1.38 LPA
5	Suraj Shantaram Shewale	Bajaj Auto Ltd	1.38 LPA
6	Vedant Vijay Pagare	Bajaj Auto Ltd	1.38 LPA
7	Pritish Madhav Dandale	Bajaj Auto Ltd	1.38 LPA
8	Durga Bhaskar Boke	Bajaj Auto Ltd	1.38 LPA
9	Pavan Dhulaji Govardhane	Bajaj Auto Ltd	1.38 LPA
10	Lokesh Anil Dhake	Bajaj Auto Ltd	1.38 LPA
11	Rushikesh Sanjay Sonwane	Bajaj Auto Ltd	1.38 LPA
12	Mohit Prakash Ahire	Bajaj Auto Ltd	1.38 LPA
13	Pankaj Nitin Tiwade	Bajaj Auto Ltd	1.38 LPA
14	Pranali Arun Waghmare	Bajaj Auto Ltd	1.38 LPA
15	Ajinkya Dnyandev Gadakh	Bajaj Auto Ltd	1.38 LPA
16	Gorakh Yadav Ghote	Advik Hi - Tech Pvt. Ltd., Pune	1.44 LPA

## 8. FACULTY DEVELOPMENT PROGRAM



Name of Event:-Two Day's Faculty Development Program on "Industrial Safety".

**Date of Event**: - 14<sup>th</sup> June to 15<sup>th</sup> June 2022.

#### **Resource Person:-**

Mr. Amit P. Narkhede, (Assistant Engineer PWD Nashik)

Mr. Aniket Pande (Fire and Safety officer M& M Nashik)

Mr. Ramesh S.Thorat (Plant Manager Nirmiti Precision Satpur MIDC Nashik)

Prof. Rakesh Jha (Assistant Professor at SIEM, Nashik)

#### **Objectives:-**

- To check all the possibilities of accidents for preventing machines and materials as it leads to the loss of whole establishment.
- To eliminate the accidents causing work stoppage and production loss.
- ❖ To prevent accidents at industry by reducing any hazard to minimum.





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Newsletter

**August – December 2022 Issue 2** 



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## 1. EXPERT LECTURES



Name of Event: Expert Lecture on "Energy Conservation and Audit".

Date of Event: 26.09.2022 Resource Person: Mr. Sanjay Gavande Objectives:

Its main objective is to understand the importance of Energy Conservation.

#### **Outcomes:**

- 1. Students should understand the methods of energy conservation.
- 2. Students should know the concept of energy audit.
- 3. Students should create the awareness of energy conservation.



Name of Event: Expert Lecture on "Personality Development".

Date of Event: 03.10.2022 Resource Person: Mr. Abhay Bag Sir 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.



Name of Event: Expert Lecture on "Traffic Awareness".

**Date of Event:** 03.10.2022

Resource Person: Mr. Abhay Bag Sir

#### **Objectives:**

Its main objective is to understand the importance of "Traffic Awareness".

#### **Outcomes:**

- 1. Students should understand the various traffic rules.
- 2. Students should know the reasons of Accidents.
- 3. Students should aware about use of safety accessories



# 2. EXPERT LECTURES & ONE DAY WORKSHOP



Name of Event: Expert Lecture on "Publish your manuscript: in SCIE journals"

Date of Event: 30th September 2022

Resource Person: Dr. Sainath Parsram Aher.

#### **Objectives:**

To get knowledge about various types of Research paper.

To disseminate the results of experiments to inform the audience about a new concept or about advances in a technology or scientific field.

To provide publishing platform to researchers and scholars from different field

#### **Outcomes:**

- 1. Identify your own strengths and develop areas for personal growth.
- 2.Demonstrate that challenges have been undertaken, developing new skills in the process.



Name of Event: One day Workshop on

"Industrial Automation"

**Date of Event:** 06.10.2022

Resource Person: Mr. Surendra Pujari (Director of AMT Skill Enhancement Institute LLP Nashik)

#### **Objectives:**

Its main objective is to understand the importance of Industrial Automation.

- 1. Students should understand the various process of Industrial Automation.
- 2. Students should understand the role of Automation.
- 3. Students should know about various electrical and electronics components used in Industrial Automation.



## 3. INDUSTRIAL VISITS



Name of Event: Industrial Visit at "Nashik

**Engineering Cluster**"

**Date of Event:** 20.10.2022

Resource Person: Mrs. Rupali Mhaske (Trainer,

NEC, Nashik)

#### **Objectives:**

Its main objective is to know the various Industrial Testing methods and equipment calibration.

#### **Outcomes:**

- 1. Students should understand the various testing methods used in Industry.
- 2. Students should know the course like CNC/VMC programming & operating.
- 3. Students should understand the Industrial Automation.
- 4. Students should know the importance of equipment calibration.



Name of Event: Industrial Visit at "Shree

**Ganesh Industrial Controls**"

**Date of Event:** 19.09.2022

**Resource Person:** 

Mr. Ravindra Zope (CEO)

#### **Objectives:**

Its main objective is to understand the various Control Panel Accessories and their function.

#### **Outcomes:**

- 1. Students should understand the manufacturing process of Control Panel
- 2. Students should know the various components of Control Panels.
- 3. Student should understand the function of switchgear components used in control panels.



# 4. SKILL DEVELOPMENT PROGRAM



Name of Event: "Skill Development Program"

**Date of Event:** 21.11.2022 To 26.11.2022

Chief Guest: -Prof. P. T. Jadhav , Principal of Matoshree Savitribai phule

Madhyamik Vidyalaya, Dwarka, 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.







# 5. PARENTS MEET



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

Date of Event: -

**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.



# 6. TEACHER'S DAY CELEBRATION



Name of Event: "Teacher's Day Celebration"

**Date of Event:** 05.09.2022

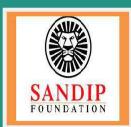
#### **Objectives:**

Teachers Day is the day which is dedicated to all the teachers. It is not just a day to celebrate but to honor the teachers. A teacher plays an important role in the life of students. Teacher is the one who teaches the valuable lessons of life, who encourages you to achieve your goal and who makes you believe to do impossible things possible. Teacher's day is celebrated on 5th September of every year to commemorate the birth anniversary of former President, politician, scholar, philosopher and Bharat Ratna recipient, Dr. Sarvepalli Radhakrishnan, who was born on the same day in 1888.





# 7. POSTER & QUIZOMPETITION



**Name of Event: Poster Competitions.** 

**Date of Event**: 15.09.2022

#### **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**: 26.11.2022

#### **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.



# 8. IFB CENTRE OF EXCELLENCE



Name of Event: "IFB Centre of Excellence"

**Date of Event:** 23.12.2022

Chief Guest: - Mr. Kalpesh Patil (Deputy Manager, R & D IFB Industry, Bangalore), Mr. Yatin Deshpande (R & D, Crompton Greaves, Mumbai)

#### **Objectives:**

Its main objective is to develop Centre of Excellence for Electrical Engineering Students.





# 9. FACULTY DEVELOPMENT PROGRAM



**Name of Event**: Two Day's FDP Program on Safety Precaution While Working on Electrical Appliances.

**Date of Event:** 26<sup>th</sup> Dec -27<sup>th</sup> Dec 2022.

**Chief Guest:** - Mr. Dashrath Hotkar, (Deputy Executive, MSETCL Nashik)

Mr. Akshay Gangurde (CEO Aksol Renewables Pvt Ltd) Prof. Dr. Swati A. Gade (Associate Professor SIEM Nashik) Prof. Gopal Akotkar, Assistant Professor at SITRC, Nashik

#### **Objectives:**

• To prevent the electrical apparatus and personnel human safety from electrical abnormal condition.





## 10. TOPPERS



SUMMER - 2022 EXAM THIRD YEAR

#### **CONGRATULATIONS!!!!**

Rank	Name of Students	Percent age	Photo
1	DHAKE LOKESH ANIL	89.67%	
2	GOWARDHANE PAWAN DHULAJI	87.83%	
3	DESALE KUNAL NITIN	86.39%	

#### SUMMER - 2022 EXAM SECOND YEAR

#### **CONGRATULATIONS!!!!**

Rank	Name of Students	Percent age	Photo
1	RANJAN AJIT ANUJ	81.07%	
2	BHANGALE NIKHIL NARENDRA	79.01%	
3	PATIL NILESH SASHIKANT	78.08%	

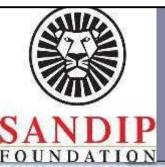


SANDIPPOLYTECHNIC, NASHIK



## SPECTRUM

JAN-DEC 2K22



## SANDIP POLYTECHNIC

### March-April2022

### NEWSLETTER

#### VisionofSandipPolytechnic

 $\hbox{``To produces killed technocrats for serving in dustry, Society and pursue higher education''}$ 

#### MissionofSandipPolytechnic

- M1:Statetheartofinfrastructure, qualified and competent teaching faculty.
- **M2:**Toprovideindustryinstituteinteraction,employabilityenhancementandhigher education.
- **M3:**Toprovideplatformfor learning.

developmentprofessional, socialskill and lifelong

#### VisionandMissionof the Department

#### **VISION:**

To produce professional skilled civilengineerstoface the challenges in the engineering field and pursue higher education.

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M1:Toprovidequality infrastructure in the support of a conducive learning environment.
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Prof. V. O. Patil Prof.B.G.Abhale

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If you want to fasttrack 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 atwhatyou do, achieve your imagination.

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01. Chairman's Message

> 02. HOD Message

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Civil
Department

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06.Toppers

05. Lab Information

09. Competition

09.Student Corner

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Learnfromyourexperiencesfortheseisnogreater tutor than life itself.

#### From Chairman's Desk

Learn from your experience, for there is no greater tutor than life itself.I am happy to pen down a few words as prologue to our Newsletter which is exclusively meant for churning out the latent writing talent which bears immense potentiality of sharpening our students' skills as part of their overall personality development. I congratulate all the team members and contributors of this Newsletter for bringing out such a beautiful Newsletter. Walk with those who feed your mind with motivation to further your mission. Wake up hungry for success every day; your drive for success must match the ferocity of a hungry lion attacking his prey every morning. An educated person without morals is like a room without windows. I think that morals are what ground us as a society, and without morals we would have no light to guide our educated minds. We, at Sandip Foundation, strive to make our studentsreliable technocrats and trustworthy citizens of India. My staunch faith and convictionis that our students would carve a niche in their career and life by going lineage and heritage through this temple of learning.I would like to take this opportunity to reiterate that there is no substitute to hard work inany venture. Therefore, it should be our endeavor to give our best in our areas of responsibilities and aim at achieving excellence for our institution.I wish all success to this venture.

HON'BLEDR.SANDIPN.JHA Chairman,SandipFoundation

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#### HODCivilEngineeringDepartment Massage

#### FromHOD'sDesk

I welcome you all to Sandip Polytechnic, the institution which has set the benchmark forqualityteaching learning process. Theinstitutestrives toprovide the world class faculties and facilities so that we will see you all blossom into empowered and sensitive human being. Education is the manifestation of love and my most cherished possession. It drives away the ignorance and through illumination it emboldens a man to a righteous thought and action. It energizes a society and enables a man to earn his living with respect and praise. In order to accomplish our vision and mission, we are prepared to take as much effort as possible for the betterment of academic scenario in India. Our institute cares for the individual development of each and every student. We follow the mentor systemunder which each class is put into multi-prolonged web of a teacher. We accord prime importance to the behavioral discipline, moral integrity and cognitive developments of our students. Our faculties strive to teach not only academic programs but also life skills needed for students.

Dr.Prof.VILASNIKAM, VicePrincipalHODCE

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## **EDITORS INFORMATION**

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## STUDENTS DETAILS FY-SY-TY

### **SAKSHISHARADSHINDE**



**MANSIMUKESHPATHAK** 



**OMKARSHEKARSAWANT** 



**TEJASWINIARUNCHAVAN** 



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## ABOUT CIVIL ENGINEERING DEPARTMENT

Civil **Engineering** is a Professional Engineering discipline that deals with the design, construction and maintenance of the physically and naturally built environment, including works such as bridges, roads, canals, dams and buildings. Civil Engineering is the oldest Engineering Discipline after Military Engineering. It is traditionally broken into different disciplines Environmental Engineering, including Structural Engineering, Transportation Engineering, Water Resource Engineering, Geo-technical Engineering, Engineering, Survey Engineering and Construction Engineering. Civil Engineering takes place at all levels in the public sector and private sector.

**Department** 

**Information**Programme:-

**CivilEngineering Year of** 

Establishment: - 2009 Intake

Capacity:- 120

GeneralChoiceCode:-525819110

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## CIVIL ENGINEERING LAB DETAILS

Sr. No.	NameofLab	Location	Cost of Lab
1	MechanicsofStructureLab	Ground Floor	1082264
2	HydraulicsLab (FluidMechanics)	Ground Floor	256497
3	GeotechnicalEngineeringLab	GroundFloor	632350
4	ConcreteTechnologyLab	Ground Floor	845622
5	SurveyingLab	Ground Floor	1201804
6	PublicHealthEngineeringLab	First Floor	199615
7	Model Lab	First Floor	183141
8	EngineeringMechanics Lab	First Floor	314878
9	HighwayEngineeringLab	First Floor	108821
10	CADLab	First Floor	

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## CIVIL ENGINEERING TOPPERS TYCE W-21

Sr. No	Nameof Student	Enrolment No	Class	%	Photos
01	SONARSOHAM SUNIL	1911670265	TYCE	90.90	
02	BHANUSHALI KEYUR SURESHBHAI	1911670263	TYCE	89.30	
03	MANASI MUKESH PATHAK	1911670284	TYCE	85.20	

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M3:To develop a positive attitude, professional and social skills

## CIVIL ENGINEERING TOPPERS SYCE W-21

			VV - /.		
Sr. No	Nameof Student	Enrolment No	Class	0/0	Photos
1	SAKSHI SHARAD SHINDE	2111670494	SYCE	83.11	
2	SHELKE PRASHANT SUNIL	2011670183	SYCE	81.78	
3	BORSEPIYUSH SHARAD	2011670159	SYCE	81.67	

Volume01

#### **VisionandMissionoftheDepartment VISION:**

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## **INDUSTRIAL VISITS**

#### VisitRailwayStationNashikRoad

#### NameofEvent:

Industrial visit at 'Nashik Road Railway Station.

#### **DateofVisit:-**

23.03.2022

#### VisitLocation:-

NashikRoadRailwayStation

#### Participants:-

**SYCES**tudents

#### **Objectives:-**

- 1. Identifythecomponentsofrailwaytrack.
- 2. Understandthemovements of rails at points and crossings.
- 3. Understandconstructionprocedure for rail track.
- 4. Importance of Repair and Maintenance for railway.

#### VisittoGargotiMuseum

#### **Name of Event:**

IndustrialVisittoGargotiTheMineral Museum, Sinnar

#### **DateofVisit:-**

25.03.2022

#### VisitLocation:-

Gargoti The Mineral Museum, Sinnar, Nashk.

#### Participants:-

**SYCEStudents** 

**Objectives:-**1. Tounderstandsthetypes ofrock.

2. Physical composition Chemical composition and Geological c composition of rock.







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## **INDUSTRIAL VISITS**

#### VisittoSolidWasteTreatmentPlant

#### NameofEvent:

Industrial visit at Solid Waste Treatment Plant.

**DateofVisit:-**

30.03.2022

#### VisitLocation:-

NashikMunicipalCorporation

#### Participants:-

**TYCEStudents** 

#### **Objectives:-**

- 1. For students, researchers, or community members, visiting a solid waste treatment plant can provide valuable insights intowaste management processes, environmental issues, and sustainable practices.
- 2. Gainanunderstandingofhowsolidwaste is collected, sorted, processed, and disposed of in a controlled environment.

#### VisittoBMWTretmentPlant

#### Name of Event:

Industrial Visit to Biomedical Waste (BMW) Treatment Plant.

#### **DateofVisit:-**

30.03.2022

#### VisitLocation:-

NashikMunicipalCorporation

#### **Participants:-**

**TYCEStudents** 

#### **Objectives:-**

- 1. Gain an understanding of the regulatory requirements and guidelines governing the handling, treatment, and disposal of biomedical waste.
- 2. Understand the environmental impact of biomedical waste and explore strategies for minimizing pollution





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### **EXPERT LECTURES**

#### RemoteSensing&GIS

#### NameofEvent:

Remote Sensing & GIS

#### **DateofExpertLecture:-**

28.04.2022

#### ResourcePerson:-

Prof.VirendrakumarB.Patil

#### Participants:-

SYCE&TYCEStudents

#### **Objectives:-**

- 1. Tounderstandbackgroundknowledgeandunderstandingof principles of RS, RSS ensors and systems.
- 2. Overviewofinformationretrievalofearthsurfacefeaturesusing multiresolution, multi-scale and multi-temporal imagery.
- 3. Introductionofimageprocessing.







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### **COMPETITION**

### **StateLevelFoundationLayoutCompetition**

### SANDIP FOUNDATION'S SANDIP POLYTECHNIC, NASHIK

Department of Civil Engineering

SANDIP

Date: 26/04/2022

Name of Event: - State Level Foundation layout Competition.

Date of Event: - 26/04/2022

Objectives:

1. This competition is organized to develop structural skill among the students.

2. Students should able to understand the how to implement layout by using Drawing.

Participant: Total 84 numbers of students participated in this competition from all over Maharashtra

#### Winners of the competition:-

#### First Prize

- 1. Siddesh Avhad
- 2. Harshad surywanshi
- 3. Ajay Yadav
- Dipak Nikam

Cash prize: - Rs 2000/-

#### Second Prize

#### Third Prize

1. Monika Ghodsare 1)Onkar Talele
2. Aditi Mahale 2)Girish Kawale
3. Suvarna Jagtap 3)Bhavesh Bhoye
4. Pooja Kamble 4)Vasant Padvi

Cash Prize - Rs 1500/- Cash prize: Rs 1000/-





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### STUDENTS CORNER

### MoreThan90%Result felicitation



### **Photography**



### **MedicalCamp**



### **FarewellParty**





### SANDIP POLYTECHNIC

August-December 2022

### NEWSLETTER

### VisionofSandipPolytechnic

"To produceskilledtechnocratsforservingindustry, Societyandpursuehighereducation"

### MissionofSandipPolytechnic

- M1:Statetheartofinfrastructure, qualified and competent teaching faculty.
- **M2:**Toprovideindustryinstituteinteraction,employabilityenhancementandhigher education.
- M3:Toprovideplatformfor learning.

developmentprofessional, socialskill and lifelong

### VisionandMissionof the Department

#### **VISION:**

To produce professional skilled civilengineerstoface the challenges in the engineering field and pursue higher education.

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EditorialBoard Members Prof. V. O. Patil

Prof.B.G.Abhale

### LeadingPolytechnic CollegesinNashik

When you join Sandip
Polytechnic (SP) at
Sandip Foundation, you
are joining one of the
top polytechnic
collegesinMaharashtra
and indeed the best
polytechnic college in
Nashik.

If you want to fasttrack 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 atwhatyou do, achieve your imagination.

Volume01

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01. Chairman's Message

08. Personality
Development
Lecture

09. Skill Development Event

02. HOD Massage 07. Industrial Visits

10. Competition

03. Editors Information

06. Toppers

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04. About Civil Department

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12.Students
Corner

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Learnfromyourexperiencesfortheseisnogreater tutor than life itself.

### From Chairman's Desk

Learn from your experience, for there is no greater tutor than life itself.I am happy to pen down a few words as prologue to our Newsletter which is exclusively meant for churning out the latent writing talent which bears immense potentiality of sharpening our students' skills as part of their overall personality development. I congratulate all the team members and contributors of this Newsletter for bringing out such a beautiful Newsletter. Walk with those who feed your mind with motivation to further your mission. Wake up hungry for success every day; your drive for success must match the ferocity of a hungry lion attacking his prey every morning. An educated person without morals is like a room without windows. I think that morals are what ground us as a society, and without morals we would have no light to guide our educated minds. We, at Sandip Foundation, strive to make our studentsreliable technocrats and trustworthy citizens of India. My staunch faith and convictionis that our students would carve a niche in their career and life by going lineage and heritage through this temple of learning.I would like to take this opportunity to reiterate that there is no substitute to hard work inany venture. Therefore, it should be our endeavor to give our best in our areas of responsibilities and aim at achieving excellence for our institution.I wish all success to this venture.

HON'BLEDR.SANDIPN.JHA Chairman,SandipFoundation

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### **HODCivilEngineeringDepartment Massage**

### FromHOD'sDesk

I welcome you all to Sandip Polytechnic, the institution which has set the benchmark forqualityteaching learning process. Theinstitutestrives toprovide the world class faculties and facilities so that we will see you all blossom into empowered and sensitive human being. Education is the manifestation of love and my most cherished possession. It drives away the ignorance and through illumination it emboldens a man to a righteous thought and action. It energizes a society and enables a man to earn his living with respect and praise. In order to accomplish our vision and mission, we are prepared to take as much effort as possible for the betterment of academic scenario inIndia. Our institutecares for the individual development of each and every student. We follow the mentor systemunder whicheachclass is put into multi-prolongedweb of a teacher. We accord prime importance to the behavioral discipline, moral integrity and cognitive developments of our students. Our faculties strive to teach not only academic programs but also life skills needed for students.

Dr.Prof.VILASNIKAM, VicePrincipalHODCE

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### **EDITORS INFORMATION**

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### STUDENTS DETAILS FY-SY-TY

### **SAKSHISHARADSHINDE**



HARSHADSURYAWANSHIKEDA



NANDINIASHOKGANGURDE



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## ABOUT CIVIL ENGINEERING DEPARTMENT

Civil Engineering is a Professional Engineering discipline that deals with the design, construction and maintenance of the physically and naturally built environment, including works such as bridges, roads, canals, dams and buildings. Civil Engineering is the oldest Engineering Discipline after Military Engineering. It is traditionally broken into different disciplines including Environmental Engineering, Structural Engineering, Transportation Engineering, Water Resource Engineering, Geo-technical Engineering, Engineering, Survey Engineering and Construction Engineering. Civil Engineering takes placeatalllevels inthe public sector and private sector.

**Department** 

**Information**Programme:-

CivilEngineering Year of

Establishment: - 2009 Intake

Capacity:- 120

GeneralChoiceCode:-525819110

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### CIVIL ENGINEERING LAB DETAILS

Sr. No.	NameofLab	Location	Cost of Lab
1	MechanicsofStructureLab	Ground Floor	1082264
2	HydraulicsLab (FluidMechanics)	Ground Floor	256497
3	GeotechnicalEngineeringLab	GroundFloor	632350
4	ConcreteTechnologyLab	Ground Floor	845622
5	SurveyingLab	Ground Floor	1201804
6	PublicHealthEngineeringLab	First Floor	199615
7	Model Lab	First Floor	183141
8	EngineeringMechanics Lab	First Floor	314878
9	HighwayEngineeringLab	First Floor	108821
10	CADLab	First Floor	

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## CIVIL ENGINEERING TOPPERS TYCE \$-22

Sr. No.	Nameof Student	Enrolment No	Class	0/0	Photos
01	SONARSOHAM SUNIL	1911670265	TYCE	90.44	
02	BHANUSHALI KEYUR SURESHBHAI	1911670263	TYCE	88.00	
03	MANASI MUKESH PATHAK	1911670284	TYCE	85.00	

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### CIVIL ENGINEERING TOPPERS SYCE S-22

Sr. No	Nameof Student	Enrolment No	Class	%	Photos			
1	SURYAWANSHI HARSHADKEDA	2011670266	SYCE	76.88				
2	SAKSHI SHARAD SHINDE	2111670494	SYCE	75.75				
3	YADAV AJAY BIJAYNARAYAN	2111670492	SYCE	75.00				

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### INDUSTRIAL VISITS

### Industrial Visit to Superstructure in Building Construction

### NameofEvent:

Industrial visit to Superstructure in Building Construction.

**DateofVisit:-**

14.11.2022

VisitLocation:-

FadolMalaMauliLawnsNashik

Participants:-

**SYCES**tudents

- 1. Verify that the construction of the superstructure meets the approved plans and specifications.
- 2. Evaluate the quality of workmanship and construction practices used in buildingthe superstructure. This involves inspecting the finishes, joints, connections, and other details for defects, inconsistencies, or deviations from the approved plans.
- 3. Understanddifferentsuperstructuralcomponentspartsofbuilding.



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### **EXPERT LECTURES**

PersonalityDevelopment:TheArtofSuccess

### NameofEvent:

PersonalityDevelopment:TheArtofSuccess

Date of Expert Lecture:-

03.10.2022

ResourcePerson:-

Mr. Kiran Mohite

Participants:-

SYCE&TYCEStudents

- 1. Helpindividualsgainadeeperunderstandingofthemselves, their strengths, weaknesses, values, beliefs, and motivations.
- Build confidence and self-esteem by providing strategies for overcoming self-doubt, negative self-talk, and limiting beliefs.
- 3. Enhance verbal and non-verbal communication skills, including activelistening, assertiveness, clarity, and empathy.





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### **SKILL DEVELOPMENT 2022**

### **Foundation Layout**

#### NameofEvent:

**FoundationLayout** 

### DateofExpertLecture:-

22.11.2022

### **Location:-**

SandipPolytechnicParkingground.

### Participants:-

SYCE&TYCEStudents

### **Objectives:-**

- 1. This competition is organized to develop structural skill among the students..
- 2. Students should able to understandthe how to implement layout by using Drawing.

### TestingofCivilEngineering material

### NameofEvent:

TestingofCivilEngineeringmaterial

### **Date of Expert Lecture:-**

23.11.2022

#### Location:-

SandipPolytechnicParkingground.

### Participants:-

SYCE&TYCEStudents

- 1. To understand the procedure of material testing.
- 2. Tounderstandtheequipmentused for labtest andfield test ofmaterial.
- 3. To understand the acceptance criteria for use of materials.





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### SKILL DEVELOPMENT 2022

### IntroductiontoAuto-CADandbasic settings&Commandstobeused

#### NameofEvent:

Introduction to Auto-CAD and basic settings& Commandstobeused. **Date** 

of Expert Lecture: - 26.11.2022

**Location:-**

ClassRoom 203SandipPolytechnic.

### Participants:-

SYCE&TYCEStudents

### **Objectives:-**

- 1. Speed in drafting of civil engineering drawings.
- 2. Printing of drawings on different size of sheets.

### **Quantitycalculationusing Spreadsheet&CAD**

### NameofEvent:

QuantitycalculationusingSpreadsheet &CAD.

### DateofExpertLecture:-

24.11.2022

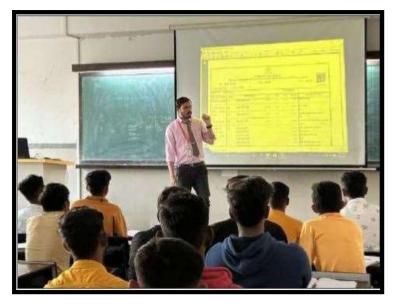
#### **Location:-**

Class Room 203 Sandip Polytechnic.

### Participants:-

SYCE&TYCEStudents

- 1. Effective use of soft computing technique.
- 2. Todeterminetheestimatedcostof proposed work.





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### SKILL DEVELOPMENT 2022

### IntroductiontoBasicMathematics&useofScientificCalculator

### NameofEvent:

Introduction to Basic Mathematics & use of Scientific Calculator.

### DateofExpertLecture:-

21.11.2022

**Location:-**

ClassRoom203SandipPolytechnic.

Participants:-

SYCE&TYCEStudents

- 1. Effective useofbasicmathematicsandscientificcalculator.
- 2. Minimisetheerrorwhileusingcalculator.



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### SKILL DEVELOPMENT 2022

### **UseofAutoLevelforGroundElevation calculations**

### NameofEvent:

UseofAutoLevelforGroundElevationcalculations.

### Date of Expert Lecture:-

25.11.2022

Location:-

SandipPolytechnicParkingground.

Participants:-

SYCE&TYCEStudents

- 1. Groundelevation calculation.
- 2. EffectiveuseofAuto-Level.





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### COMPETITION

### **BridgeMakingCompetiton**

### **PosterMakingCompetition**

### NameofEvent:

Bridgemakingcompetition. **Date** of Expert Lecture: 15.09.2022

Location:-

ClassRoom203SandipPolytechnic.

Participants:-

SYCE&TYCEStudents

### **Objectives:-**

- 1. Skillsofstudentswheredeveloped.
- 2. Students come to know importance of team work.

### NameofEvent:

Postermaking competition. Date

of Expert Lecture:-

12.09.2022

**Location:-**

DrawingHall SandipPolytechnic.

Participants:-

SYCE&TYCEStudents

- 1. Skillsofstudentswheredeveloped.
- 2. Improvement in their ideas and thoughts.









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### COMPETITION

### **Rangoli Competiton**

### **ProjectCompetition**

### NameofEvent:

Rangoli competition.

DateofExpertLecture:-

16.09.2022

**Location:-**

ClassRoom101SandipPolytechnic.

Participants:-

SYCE&TYCEStudents

**Objectives:-**

1. Skillsofstudentswheredeveloped.

### NameofEvent:

Projectcompetition.

DateofExpertLecture:-

12.09.2022

**Location:-**

DrawingHall SandipPolytechnic.

Participants:-

SYCE&TYCEStudents

- 1. Presentationskillandstagedaring will be improved.
- 2. Improvement in their ideas and thoughts.





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### **GARBA EVENT 2022**

### GarbaEvent2022

### NameofEvent:

NonTechnicalGarbaevent

### **Date of Expert Lecture:-**

03.10.2022 & 04.10.2022

### Location:-

EntranceofPolytechnicBuilding.

### Participants:-

SYCE&TYCEStudents

- 1. ParticipatinginaGarbaeventallowsstudentstolearnaboutand appreciateGujaraticultureand traditions.
- 2. Garba events bring students, teachers, parents, and the broader community together in celebration. It fosters a sense of unity and belonging within the school community, strengthening relationships and social bonds.







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### Teacher's Day Celebration

### Teacher's Day Celebration

### NameofEvent:

TeachersDayCelebration.

### **Date of Expert Lecture:-**

05.09.2022

### Location:-

203 classroom of sandip polytechnic.

### Participants:-

SYCE&TYCEStudents

- 1. TomarktheBirthAnniversaryofDr.SarvepalliRadhakrishnan.
- 2. Toraiseawarenessabouttheroleofteachersinplaying quality education at all levels.
- 3. Toimproveskillsofstudents.







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### **NATIONAL SPORT DAY**

### **NationalSportDay**

### NameofEvent:

National Sport Days.

### DateofExpertLecture:-

28.08.2022 & 29.08.2022

### **Location:-**

GroundofSandipFoundation.

### Participants:-

SYCE&TYCEStudents

- 1. Popularisingsportsamongtheyouth.
- 2. Increasing publicawareness about sports and also imparted ucation to youngsters about the importance of sports.
- 3. Toestablishanimportantlinkbetweentheyouth, oursportand environmental conservation.







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### ONE DAY WORKSHOP

### OnedayworkshoponpublishyourmanuscriptinSCIE Journals

### NameofEvent:

Onedayworkshoponpublishyour manuscriptinSCIEJournals.

### Date of Expert Lecture:-

30.09.2022

### ResourcePerson:-

Dr.SainathAher.

### Participants:-

SYCE&TYCEStudents

- 1. The primary objective of publishing in SCIE journals is to disseminate your research findings to a wide audience of scientists, researchers, academicians, and practitioners worldwide.
- 2. Publishing in these journals ensures that your work is accessible to the scientific community and can contribute to the advancement of knowledge in your field.







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**M1:**To provide quality infrastructure in the support of a conducive learning environment.

M2:To inculcate the practices towards employability, entrepreneurs hip and higher education.

M3:To develop a positive attitude, professional and social skills

### STUDENTS CORNER

### **Photography**



### **Photography**



### **ToppersFelicitation**



### IndependenceDay





SANDIP POLYTECHNIC, NASHIK



# SPECTRUM

JAN - DEC 2K22



# ME-RECENT

**SANDIP FOUNDATION'S** 

SANDIP POLYTECHNIC NASHIK

**PROGRAM: MECHANICAL ENGINEERING** 

### SANDIP POLYTECHNIC, NASHIK





### **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 POLYTECHNIC, NASHIK





### 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 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 FOUNDATION'S SANDIP POLYTECHNIC, NASHIK



Department of Mechanical Engineering

Date: 03/03/2023

Name of Event :- "Expert Talk on Fire and Safety Awareness".

Name of Expert : - Mr. Aniket Pandey

(Fire & Safety Officer, Mahindra & Mahindra Nasik)

**Date of Event** : - 03/03/2023

Participant :- Mechanical Engineering Students:- SYME & TYME Students

**Objectives** :-

- Prevent the occurrence of fire and explosion.
- Reduce the risk to life caused by fire.
- Reduce the risk of damage caused by fire to the environment.
- Contain, control and suppress fire and explosion in the compartment of origin.
- Provide adequate and readily accessible means of escape for passengers and crew.

#### Outcome:-

The expert talk was on the topic "Fire and Safety Awareness". A student was able to seek and learn how to take fire safety precautions and definitely got some inspiration, from demonstration of how to operate fire distinguisher.

#### **Beneficiary:**

#### **Total participants – 100 Students**

#### **Photo Gallery**



### SANDIP FOUNDATION'S **SANDIP POLYTECHNIC, NASHIK**



Department of Mechanical Engineering

Date: 03/04/2023

Name of Event : Cleanliness Drive in Sandip Foundation to collect Plastic Waste".

**Date of Event** : 03/04/2023

#### **Objectives:**

- To make students aware about the difference in Bio-degradable & Non-biodegradable waste item.
- To make students aware about the importance of hygiene.

#### **Outcomes:**

A cleanliness drive was organized in Sandip Polytechnic for SYME Students under the subject Environmental Studies. Students collected all Non-biodegradable waste item surrounding area. The importance of cleanliness & hygiene was Enlighten by Prof J. R. Wadile to students.

Participants- SYME Mechanical Engineering Students

#### Visit Photograph:



Non Bio Degradable waste collected by Student





Department of Mechanical Engineering

Date: 03/10/2022

#### **Expert Talk On Traffic Awareness**

Name of Event: - "Expert Talk on Traffic Awareness".

Name of Expert :- Mr Abhay Baag

President, Loins Club, Nashik

Date of Event : - 03/10/2022

Participant :- Mechanical Engineering Students:- SYME & TYME Students

**Objectives:** 

• To Create Awareness about traffic rules & Traffic rules violation effect on human life

• To encourage students to wear safety accessories like helmet, seat beat while driving

Outcome:-

With association of Lion Club of Nashik Mr Abhay Baag has delivered an expert talk on Traffic Awareness for safety on road while driving. The aim was to create awareness among students to follow driving rules and its effect on human life. Use of helmet, Seat belt was clearly explained by giving real life example of Late Shri Cyrus Mistry & Late Mr Vanayak Mete who died in road accident and where not wearing seat belt have come in light after investigation. Wearing of seat belt might have saved there lives.

Also Importance of PUC, Vehicle Insurance, Road Tax where explained. Timing maintenance of vehicle. Checking tyre, tyre pressure, oil level, coolant before going for long journey.

Lastly Principal Mr Vilas N Nikam Thanked Mr Abhay Baag for his valuable guidance and sparing time for sharing is wisdom to our students & the event was concluded.

**Beneficiary:** 

**Total participants – 100 Students** 

### Event Photographs: 03/10/2022



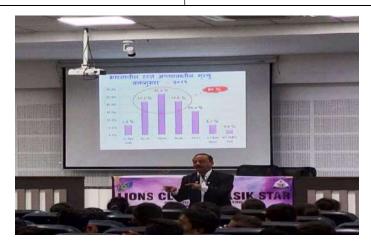
Welcoming Mr Abhay Baag Sir (Expert)



**Traffic Awarness Program** 



In Association with Lions Club Nashik



Slide Showing Death rate due to Road accident

### SANDIP FOUNDATION'S SANDIP POLYTECHNIC, NASHIK

SANDIP

Department of Mechanical Engineering

Date: 04/04/2023

Name of Event :-"Expert Talk on Education Opportunities in Abroad".

Name of Expert :- Mr. Amit Gore

(Director, Akshay Study Abroad Consultant)

Date of Event : - 04/04/2023

Participant :- Mechanical Engineering Students: - SYME & TYME Students

**Objectives** :-

• Importance of Gain a deeper knowledge and understanding of other cultures and their environments

• Develop different perspectives in regard to other nations

Enable students to identify culturally appropriate behaviors of the host country,
 and participate in academic and other social settings in a manner that is respectful
 of those behaviors;

• Enable students to learn about the sociopolitical and cultural perspectives of the host country, and engage with these thoughtfully and constructively.

#### Outcome:-

The expert talk was on the topic "Education Opportunities in Abroad". Students was able to seek and learn new things and definitely got some inspiration, motivation and self-confidence about how to improve knowledge, skill, how to apply for different course in aboard after completing his degree.

#### Beneficiary:

**Total participants – 100 Students** 

### **Photo Gallery**

Date:- 04/04/2023



Ongoing Session by Mr. Amit Gore Sir

SANDIP

Department Of Mechanical Engineering

Date: 05/04/2023

Name of Event: Placement Drive for Mahindra & Mahindra Ltd. Nashik

**Date of Event**: 05/04/2023

Resource organization: Mahindra & Mahindra Ltd. Nashik.

**Objectives**:

To Provide an Employment Opportunity to Mechanical Engineering Diploma passed

out & Current Academic Batch Students.

**Outcome:** 

Sandip Foundation's, Sandip Polytechnic, Nashik in association with Mahindra &

Mahindra Ltd., Nashik organized a Pool Campus Drive on 5th April 2023. Sandip

Polytechnic Principal Prof. Pankaj Dharmadhikari had Welcomed, Human Resource

Executive Mr. Vinay Joshi and Miss Tripti Ghuge & Interview Panel Shri. P. Balaji, Mr.

Mahendra Reddy, Mr. Jayant Kulkarni, Mr. Chandrasekhar Sawant & all company officials.

At the beginning of the selection process, the company officials gave information

about the company and their various schemes for the development of the students. During the

actual selection process, Technical and Personal interview of the students were conducted.

A total of 140 students participated in the campus drive out of which **32 Students** have been

placed in Mahindra & Mahindra Ltd., Nashik.

Dr. Sandip Jha Chairman of Sandip Foundation and Principal of Sandip Polytechnic

Prof. Pankaj Dharmadhikari, Congratulated all the students for getting placed in this

campus drive.

# **Photo Gallery**

Dated: - 05/04/2023



Welcoming Official of Mahindra & Mahindra Ltd., Nashik.



Placed Students in Mahindra & Mahindra Ltd., Nashik.



Department of Mechanical Engineering

Date: 05/09/2022

# **Teacher Day Celebration**

Name of Event: - "Teachers Day Celebration".

Date of Event : - 05/09/2022

Participant :- Mechanical Engineering Students:- SYME & TYME Students

### Outcome:-

"Teachers Day" was celebrated on 5<sup>th</sup> of September 2022 in Mechanical Department by SY & TY students to show their gratitude towards their teachers. Lecture was conducted by participated students for students in SY & TY Class.

### **Photos:**









Department of Mechanical Engineering

### NOTICE

Date: 14/09/2022

All the SY & TY students of Mechanical Engineering Department are here by informed that on the occasion of Birth Anniversary of "Bharat Ratna Shri Mokshagundam Vishveshvarayya", department of Mechanical Engineering is going to organize Engineer's Day Celebration.

The details of event are as follows:-

Sr. No.	Event	Date/time	Event Coordinator		
01	Engineer's Day Celebration	Date: 15/09/2022 Time: 2.00 pm.	Prof T.C. Jagtap		

Venue: - Department of Mechanical Engineering (Hall No. 101)

HOD Mechanical

Prof J. R. Wadile

SANDIP COUNDATION .

Principal

IPROTNEY PAREN AND IP POLYTECHNIC, AND IP POLYTECHNIC,

SANDIP POLYTECHNIC, NASHIK Department of Mechanical Engineering

Date: 15/09/2022

**Engineer's Day Celebration** 

Name of Event: - "Engineer's Day Celebration".

Date of Event : - 15/09/2022

**Participant** :- Mechanical Engineering Students:- SYME & TYME Students

**Objectives:** 

To mark the Birth Anniversary of Bharat Ratna Shri Mokshagundam

Vishveshvarayya.

To raise awareness about the role of Engineer's in society and duties towards social

wellbeing.

To motivate students to improve and to stay focus on knowledge & skills development.

Outcome:-

"Engineer's Day" was celebrated on 15th of September 2022 in the Mechanical

Department by SY & TY students. Students have understood the role played by Engineers in

Society. Further Prof Vilas N. Nikam Principal Sandip Polytechnic has delivered speech on

Engineer's Day on Bharat Ratna Shri Mokshagundam Vishveshvarayya. Also Prof S K.

Aher gave a speech on Importance of Engineers in today's world. Later with permission of

HOD Mr J. R. Wadile function was concluded by giving best wishes to students.

Beneficiary:

**Total participants – 60 Students** 

## **Event Photographs: 15/09/2022**



Welcome Rangoli For Engineer's Day



**Engineer's Day Function Inaugration** 



**Welcome Speech By Student** 



Felicitation of Principal Sir Prof V. N. Nikam by MESA President



Felicitation of HOD Mechanical Prof J. R. Wadile by MESA Vice President



Speech By Principal Prof V. N. Nikam Sir



Speech By Prof S. K. Aher Sir



Department of Mechanical Engineering

Date: 15/12/2022

#### Expert Talk for T – TEP Students (SA Category)

Name of Event :- Expert Talk for T – TEP Students (SA Category)

Name of Expert :- Mr. Shrikant Nayak

General Manager Service, Wasan Toyota, Nashik

Date of Event : - 15/12/2022

Participant :- Mechanical Engineering Students:- TYME Students

**Objectives** :-

• To make students aware about engine Parts, its make, material, manufacturing technique

• To motivate student to get trained in vehicle servicing sector which come is after sales service sector.

#### Outcome:-

Mr. Shrikant Nayak (General Manager Service), Wasan Toyota Nashik, conducted class room training session for T-TEP Service Advisor (SA) students. In this session, Sir enlightened SA students about detailed functioning of various departments such as MRS, CR, operation, denting and painting, sales, washing, spares parts sales, etc at dealer.

Timely Over hauling required for all automobiles system for effective functioning while on roads and replacement of worn out spares when life cycle of parts ends like oil filter, fuel filter, Air filter, Oil change, Brake liners, Brake oil, etc.

#### **Beneficiary:**

**Total participants – 20 Students** 

# **Event Photographs: 15/12/2022**



**Expert Mr. Srikanth Nayak Interaction with Selected Toyota T-TEP Students** 





# SANDIP POLYTECHNIC, NASHIK



Department of Mechanical Engineering

Date: 16/11/2022

## **Expert Talk on Resume Writing**

Name of Event: - "Expert Talk on Resume Writing".

Name of Expert :- Mr Lalit R. Patil

Training & Placement Officer,

Sandip Foundation | Sandip University.

Nashik.

Date of Event : - 16/11/2022.

Participant :- Sandip Polytechnic Third Year Students.

#### **Objectives:**

- To help participant in resume writing by providing proper guidelines.
- To make students aware about what to & what not write in resume.
- To make students aware about importance of correct & true resume writing.

#### Outcome:-

An Expert Talk was organized for **Third Year** student of **Sandip Polytechnic** on Resume writing. As most of the students are unaware about, how to write a resume, this session was arranged.

Expert Mr Lalit R. Patil delivered the session on Resume Writing, clearing all doubt of students & by highlighting all important point in the resume. Sir beautifully explained what point are to written in resume and what should be avoided. Also shared that everything written in resume must be true. While giving interview one must be honest & must speak truth when question is asked by interviewer.

The Does & Don't were explained to students, which might affect during interview & selection process.

Later Mr Sandeep K. Aher Thanked Mr Lalit R. Patil for sharing his valuable knowledge and sparing time to guide our students.

**Event Photographs: 16/11/2022** 



Mr Lalit R. Patil (Expert) Delivering Session On Resume Writing



**Participants For Resume Writing Session** 



Department of Mechanical Engineering

Date: 20/3/2022

Name of Event :- "Expert Talk on the Way to Excel through Competitive

Examination".

Name of Expert :- Prof. G. A. Wadnere

(LME. LoGMIEER, Nashik)

**Date of Event** : - 20/03/2023

Participant : - Mechanical Engineering Students: - SYME & TYME Students

**Objectives** :-

• Importance of Government Job

• Scope in Government Sector

• Scope in MPSC Exam

#### Outcome:-

The expert talk was on the topic "The way to excel through competitive examination". A student was able to seek and learn planning and Schedule of exam routine, research well, Focus on Smart Work More Than Hard Work, time set, Highlight the keywords and Stay Healthy to Be Successful.

**Beneficiary: TYME Students** 

**Total participants – 100 Students** 

# Event Photographs: 20/03/2023



Felicitation of Guest By HOD Sir



Welcome Note By Student



Department of Mechanical Engineering

Date: 23/11/2022

### **Skill Development Programme**

Name of Event : - "Skill Development Programme".

**Date of Event** : - 23/11/2022

Programme Schedule : - 21/11/2022 to 26/11/2022

Organized By : - Mechanical Engineering & Workshop Department.

Participant : - Sandip Polytechnic's Mechanical Engineering Students.

#### **Objectives:**

• To enhance the skill of students, by making them Participate & to be Pro-Active in various technical fronts.

 To make students aware about the importance of having hands on skill & to overcome real life difficulty, while working in industries.

• To motivate students to be Self Motivating in acquiring technical skills.

#### Outcome:-

Programme from 21 Nov 2022 to 26 Nov 2022, for overall development of Students by making them proactive in skill development sessions. During Skill Development Programme, Students in the workshop have used a CNC & VMC machine to make a Trophy of acrylic material. So to make trophies, students must know the CNC code & Logic to make a desired cut on CNC. Now this skill they have acquired in Skill Development Session. Also use of various measurement instruments like multimeter, Altimeter, etc. has been handled by students and where asked to use and demonstrate the functions of instruments.

In the Inauguration function our Chief Guest was the Principal Mr. M. G. Pawar of Shree Chatrapati Shivaji Vidyalay, Satpur, Nashik, Principal Mr. P. M. Dharmadhikari, HOD Mechanical Mr. J. R. Wadile, HOD Civil Mr. V. N. Nikam, Mechanical & Workshop Department Staff were present for the inaugural function.

With the Saraswati poojan, Saraswati Vandana & Deep Prajwalan Ceremony,

Prof Mr. B. J. Vispute gave the preface of Skill Developments Programme

by Welcoming the Chief Guest & All Dignitaries present on the dices.

Further **Prof M V Thorat** gave programme insight & gave information about **Toyota Lab** installed in **Sandip Polytechnic Workshop** & its uses and opportunities for students to get trained in **Toyota's Dealer Service Station** as a **Service Supervisor** to present students.

Our **Principal Mr. P. M. Dharmadhikari** Sir gave a speech on the importance of Skill Development by giving reference of **Mother & Teacher** role in the enhancement of skills of students in real life. Also, Sir gave beautiful differentiation between a "**Watcher and a Do'er**". The Watcher only watches and does nothing, but a **Do'er** actually does what they watch.

Later our Chief Guest Principal Mr. M. G. Pawar gave a fantastic & enthusiastic speech on skill development giving reference of "Eklavya & Dronacharya" & how Eklavya acquired skill by Self-Motivation. Further Sir highlighted learning human life values which are essential for leading & living a Quality Life in Society. Also, Sir elaborated the importance of birth as human being, that too taking birth in INDIA is a destiny.

Later Mrs Pallavi C. Chaudhari gave vote of thanks, by thanking all the Dignitaries for giving us their valuable time and later the programme was concluded.

## **Event Photographs: 23/11/2022**



Sandip Polytechnic Principal & Staff Along with Chief Guest Mr M. G. Pawar Principal of Shree Chatrapati Shivaji Vidyalay Satpur Nashik



Felicitation of Chief Guest Mr. M. G. Pawar by Principal Sir Mr. P. M. Dharmadhikari



Saraswati Poojan & Deep Prajwalan ceremony By Principal



Saraswati Poojan & Deep Prajwalan ceremony By Chief Guest



Saraswati Poojan & Deep Prajwalan ceremony By HOD Mr J. R. Wadile



Skill Development Progamme Preface by Mr B J Vispute



Skill Development Progamme Summary By Mr M V Thorat



Speech By Principal of Shree Chatrapati Shivaji Vidyalay, Satpur, Nashik Mr M. G. Pawar



Speech By Sandip Polytechnic Hon Principal Sir Mr. P. M. Dharmadhikari



Vote of Thanks & Progamme Conclusion By Mrs Pallavi C Chaudhari



Chief Guest With Their school passout Students, Now in SYME & TYME Class in Sandip Polytechnic

**Department Of Mechanical Engineering** 

Date: 24/06/2023

Name of Event: Placement Drive for Mahindra & Mahindra Ltd. Nashik

**Date of Event**: 24/06/2023

Resource organization: Mahindra & Mahindra Ltd. Tool & Die Cast Plant Satpur,

Nashik.

**Objectives**:

To Provide an Employment Opportunity to Mechanical Engineering Diploma passed

out & Current Academic Batch Students.

**Outcome:** 

Sandip Foundation's, Sandip Polytechnic, Nashik in association with Mahindra &

Mahindra Ltd. Tool & Die Cast Plant Satpur, Nashik, has organized a Pool Campus

Drive on 24th June 2023. Sandip Polytechnic's Principal Prof. Pankaj Dharmadhikari had

Welcomed, Human Resource Executive Mr. Vinay Joshi and Miss Tripti Ghuge & Interview

Panel Shri. P. Balaji, & Mr. Anil Chanwal.

At the beginning of the selection process, the company officials gave information

about the company and their various schemes for the development of the students. During the

actual selection process, Technical and Personal interview of the students were conducted.

A total of 25 students participated in the campus drive. Result will be declared on 28 June

2023. Placement drive was coordinated by Prof D. K. Patil & Staff Members of Mechanical

Department of Sandip Polytechnic, Nashik.

# **Photo Gallery**

Dated: - 24 /06 /2023



Placement Drive in association with Mahindra & Mahindra Ltd. Tool & Die Cast Plant, Nashik & Sandip Polytechnic, Nashik.

# Sandip Polytechnic, Nashik

# Department of Mechanical Engineering

Date: - 23/03/2023

#### NOTICE

Sandip Foundation's, Sandip Polytechnics Mechanical Engineering Department has scheduled "Parent Meet" of all Mechanical Engineering students. All parents are requested to attend the meeting of Parents & Teachers as mentioned below.

Date :- 25/03/2023

Day :- Saturday.

Time: - 10.00 am to 11.00 am

## नोटीस

संदीप फाऊंडेशन संचालित संदीप पॉलीटेक्निक मधील यंत्र विभागातील सर्व विद्यार्थ्यांच्या पालकांचा पालक शिक्षक मेळावा दिनांक 25/03/2023 रोजी आयोजित करण्यात आलेला आहे. तरी सर्व पालकांना सुचित करण्यात येत आहे की आपण सदर मेळाव्यास उपस्थित राहून आपला सहभाग नोंदवावा.

तारीख:- 25/03/2023

दिवस:- शनिवार.

वेळ :- सकाळी 10.00 ते 11.00 पर्यंत

HOD Mechanical Department SANDIP FOUNDATION \*

SandRING PETITIC SANDIP POLYTECHNIC, MAHIRAVANI, NASHIK-422 213

# SANDIP POLYTECHNIC, NASHIK



Department of Mechanical Engineering

Date: 25/03/2022

### **Parents Meet 2023**

Name of Event: - "Parent Meet 2023".

Date of Event : - 25/03/2023

Participant :- Parents of SY & TY Mechanical Engineering Students

#### **Objectives:**

• To interact with parents about students' progress.

• To take suggestion from parents for improvement in teaching learning process.

#### Outcome:-

A Parent meet is organized by **Mechanical Department** for **SYME & TYME** students' parents to interact with parent about progress of students & suggestion for overall development of students.

With welcome speech & presentation of Mechanical Department by HOD **Prof J. R.**Wadile the program was inaugurated. **Prof J. R.** Wadile highlighted points like passing out students from course are unskilled educated engineers & that need to be reform. Also use of excess use of mobile phone are affecting the education of students in direct & indirect way.

Honourable **Principal P. M. Dharmadhikari** sir guided parent by giving few suggestion likes taking away mobile phone while studying from students for 3 hours a day, Calling Class teachers when in doubt, encouraging students to attend lecture regularly as result & attendance are directly related to each other.

Later suggestion from parents were asked, for improvement in teaching learning scheme. Program was concluded by **Prof S. K. Aher** by inviting parent for 2<sup>nd</sup> Parent Meet which will be held in May 2023.

## Event Photographs: 25/03/2023



Welcome Speech & Presentation by HOD Prof. J. R. Wadile



Speech by Principal sir



**Parents Interaction** 



**Present Parents for Meet 2023** 

SANDIP

Department of Mechanical Engineering

Date: 26/08/2022

### **Expert Lecture**

Name of Event:- Expert Lecture on "Motivation Its Right Inside You".

Date of Event:- 26/08/2022

Resource Person:- Dr Vishal N. Sulakhe.

(Head of Department)

Sandip University, Mahiravani, Nashik.

**Objectives:-**

To motivate students and develop attitude towards Self-Growth, Personality development & Positive Attitude towards everyday life situations.

Outcome:-

For Students of SY & TY Mechanical, Expert lecture was conducted by **Dr Vishal N. Sulakhe** to motivate the students, to nourish & improve student's mental abilities, along with positive attitude towards life situations. As from March 2020 all human race had gone through **Covid-19 outrages** and faced alot of difficulties. So this expert lecture was arranged to have positivity towards life & to boost morale of students.

**Participant: Mechanical Engineering Students** 

**Photos:** 





# SANDIP POLYTECHNIC, NASHIK



Department of Mechanical Engineering

Date: 28/03/2023

Name of Event : - "Expert Talk on Motivation - It's Right Inside you".

Name of Expert : - Mr. Dr. Vishal N. Sulakhe

(Associate Professor and HOD SOET)

**Date of Event** : - 28/03/2023

Participant : - Mechanical Engineering Students: - SYME & TYME Students

**Objectives** :-

Importance of Motivation Skills

- The First And The Most Important Part of motivation
- Barriers of Communication Skills
- Personality Development Skills

#### Outcome:-

The expert talk was on the topic "Motivation-Its Right inside You". Students was able to seek and learn new things and definitely got some inspiration, motivation and self-confidence about how to improve personality by simply changing and implementing happy things in life and overcoming the negative things.

#### **Beneficiary:**

#### **Total participants – 100 Students**



Welcoming Mr. Dr. Vishal N. Sulakhe (Expert) by Prof P. M. Dharmadhikari

# Sandip Foundation's & Sandip University

Name of Collage:- SANDIP POLYTECHNIC, NASHIK

TPO Name: Prof. Sandeep K.Aher

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Sr No.	No. of Student Placed	ENROLLMENT/ PRN No.	BRANCH	Contact No.	Email ID	Company Name	Package	Photo	
1	BENDKOLI RESHAMA HIRAMAN	2011670186	MECHANICAL	8010412678	reshmabendkoli26@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA		
2	SHELKE ADITYA RAJESH	2011670450	MECHANICAL	7385166850	adityashelke0023@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA		
3	PAWAR URMILA JIBHAU	2011670451	MECHANICAL	7385570436	pawarurmila023@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA		
4	DEORE HEMANT KANHAIYALAL	2011670453	MECHANICAL	7796381305	hemantdeore830@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA		

5	HIRE NEHA KUNDAN	2011670454	MECHANICAL	8625054538	samushree2016@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
6	SHINDE BHARAT SHIVAJI	2011670457	MECHANICAL	9373974132	shindebharat0205@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
7	GANGURDE PRATIKSHA VINAYAK	2011670460	MECHANICAL	9112091381	pratigangurde214@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
8	BENDKOLI TUKARAM VALU	2011670461	MECHANICAL	8308926866	tukarambendkoli 05@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
9	DESHMUKH PRASHANT PANDHARINATH	2011670473	MECHANICAL	9322622512	deshmukhprashant 768@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	

10	THORAT YASH BALU	2011670491	MECHANICAL	9067718297	yashthorat137@gmail.com	MAHINDRA & MAHINADRA NASHIK BAJAJ LTD.	2.04 LPA & 1.92 LPA	
11	PATIL BHAVESH DIPAK	2011670492	MECHANICAL	7350213508	patilbhavya65@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
12	RAJBANSHI RAHUL ANIL	2011670507	MECHANICAL	8600977359	rahul4rajbanshi@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
13	GAWANDE MOHIT SAHEBRAO	2011670556	MECHANICAL	8010754858	mohitsg03@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
14	MALI TANMAY RAJENDRA	2011670560	MECHANICAL	9404022180	tanmaymali999@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	

15	SALVE PRATHMESH MOTIRAM	2111670545	MECHANICAL	8483972024	prathmeshsalve002@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
16	ROKADE GANESH VIJAY	2111670549	MECHANICAL	9503091508	ganeshrokade2202@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
17	PAGARE ROSHAN JAYWANT	2111670551	MECHANICAL	7875258982	roshan.pagare1308@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
18	PAWAR SHUBHAM NIMBA	2111670559	MECHANICAL	8482903082	pawarshubham16242@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	
19	DEORE GAURAV SANJAY	2011670561	MECHANICAL	9356646743	deoregaurav82@gmail.com	MAHINDRA & MAHINADRA NASHIK	2.04 LPA	

20	ANSARI ATIF AAMIR	2011670520	MECHANICAL	8830665268	aatifansari692@gmail.com	BAJAJ LTD , PUNE	1.92 LPA	
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