



SANDIP
FOUNDATION

SANDIP
POLYTECHNIC

March - April 2022

NEWSLETTER

Vision of Sandip Polytechnic

“To produce skilled technocrats for serving industry, Society and pursue higher education”

Mission of Sandip Polytechnic

- ❑ **M1** : State the art of infrastructure, qualified and competent teaching faculty.
- ❑ **M2** : To provide industry institute interaction, employability enhancement and higher education.
- ❑ **M3** : To provide platform for development professional, social skill and life long learning.

Vision and Mission of the Department

VISION:

To produce professional skilled civil engineers to face the challenges in the engineering field and pursue higher education.

MISSION:

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

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

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



Leading Polytechnic College s 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.

Editorial Board Members

Prof. V. O. Patil
Prof. B. G. Abhale

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Learn from your experiences for there is no greater 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 students reliable technocrats and trustworthy citizens of India. My staunch faith and conviction is 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 in any 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'BLE DR. SANDIP N. JHA
Chairman, Sandip Foundation

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HOD Civil Engineering Department Message

From HOD's Desk

I welcome you all to Sandip Polytechnic, the institution which has set the benchmark for quality teaching learning process. The institute strives to provide 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 system under 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. VILAS NIKAM,
Vice Principal HODCE

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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, Material Engineering, Survey Engineering and Construction Engineering. Civil Engineering takes place at all levels in the public sector and private sector.

Department Information

Programme:- Civil Engineering

Year of Establishment:- 2009

Intake Capacity:- 120

General Choice Code:- 525819110

TFWS Choice Code:- 525819111T

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CIVIL ENGINEERING LAB DETAILS

Sr. No.	Name of Lab	Location	Cost of Lab
1	Mechanics of Structure Lab	Ground Floor	1082264
2	Hydraulics Lab (Fluid Mechanics)	Ground Floor	256497
3	Geotechnical Engineering Lab	Ground Floor	632350
4	Concrete Technology Lab	Ground Floor	845622
5	Surveying Lab	Ground Floor	1201804
6	Public Health Engineering Lab	First Floor	199615
7	Model Lab	First Floor	183141
8	Engineering Mechanics Lab	First Floor	314878
9	Highway Engineering Lab	First Floor	108821
10	CAD Lab	First Floor	--

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CIVIL ENGINEERING TOPPERS

TYCE W-21

Sr. No	Name of Student	Enrolment No	Class	%	Photos
01	SONAR SOHAM SUNIL	1911670265	TYCE	90.90	
02	BHANUSHALI KEYUR SURESHBHA	1911670263	TYCE	89.30	
03	MANASI MUKESH PATHAK	1911670284	TYCE	85.20	

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CIVIL ENGINEERING TOPPERS

SYCE W-21

Sr. No	Name of Student	Enrolment No	Class	%	Photos
1	SAKSHI SHARAD SHINDE	2111670494	SYCE	83.11	
2	SHELKE PRASHANT SUNIL	2011670183	SYCE	81.78	
3	BORSE PIYUSH SHARAD	2011670159	SYCE	81.67	

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INDUSTRIAL VISITS

Visit Railway Station Nashik Road

Name of Event:

Industrial visit at 'Nashik Road Railway Station.

Date of Visit:-

23.03.2022

Visit Location:-

Nashik Road Railway Station

Participants:-

SYCE Students

Objectives:-

1. Identify the components of railway track.
2. Understand the movements of rails at points and crossings.
3. Understand construction procedure for rail track.
4. Importance of Repair and Maintenance for railway.



Visit to Gargoti Museum

Name of Event:

Industrial Visit to Gargoti The Mineral Museum, Sinnar

Date of Visit:-

25.03.2022

Visit Location:-

Gargoti The Mineral Museum, Sinnar, Nashk.

Participants:-

SYCE Students

- ### Objectives:-
1. To understand the types of rock.
 2. Physical composition Chemical composition and Geological composition of rock.



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INDUSTRIAL VISITS

Visit to Solid Waste Treatment Plant

Name of Event:

Industrial visit at Solid Waste Treatment Plant.

Date of Visit:-

30.03.2022

Visit Location:-

Nashik Municipal Corporation

Participants:-

TYCE Students

Objectives:-

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

Visit to BMW Treatment Plant

Name of Event:

Industrial Visit to Biomedical Waste (BMW) Treatment Plant.

Date of Visit:-

30.03.2022

Visit Location:-

Nashik Municipal Corporation

Participants:-

TYCE Students

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

Remote Sensing & GIS

Name of Event:

Remote Sensing & GIS

Date of Expert Lecture:-

28.04.2022

Resource Person:-

Prof. Virendrakumar B. Patil

Participants:-

SYCE & TYCE Students

Objectives:-

1. To understand background knowledge and understanding of principles of RS, RS Sensors and systems.
2. Overview of information retrieval of earth surface features using multi-resolution, multi-scale and multi-temporal imagery.
3. Introduction of image processing.



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COMPETITION

State Level Foundation Layout Competition

SANDIP FOUNDATION'S
SANDIP POLYTECHNIC, NASHIK
Department of Civil Engineering



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
4. Dipak Nikam

Cash prize: - Rs 2000/-

Second Prize

1. Monika Ghodsare
2. Aditi Mahale
3. Suvarna Jagtap
4. Pooja Kamble

Cash Prize - Rs 1500/-

Third Prize

- 1)Onkar Talele
- 2)Girish Kawale
- 3)Bhavesh Bhoys
- 4)Vasant Padvi

Cash prize: Rs 1000/-

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