

• SANDIP POLYTECHNIC

• August - December 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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WHAT'S INSIDE

- 01. Chairman's Message
- 02. HOD Message
- 03. Editors Information
- 04. About Civil Department
- 05. Lab Information
- 06. Toppers
- 07. Industrial Visits
- 08. Personality Development Lecture
- 09. Skill Development Event
- 10. Competition
- 11. One Day Workshop

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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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EDITORS INFORMATION**Prof. V. O. Patil****ME (Structure)**

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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 S-22

Sr. No	Name of Student	Enrolment No	Class	%	Photos
01	SONAR SOHAM SUNIL	1911670265	TYCE	90.44	
02	BHANUSHALI KEYUR SURESHBHA	1911670263	TYCE	88.00	
03	MANASI MUKESH PATHAK	1911670284	TYCE	85.00	

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CIVIL ENGINEERING TOPPERS

SYCE S-22

Sr. No	Name of Student	Enrolment No	Class	%	Photos
1	SURYAWANSHI HARSHAD KEDA	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

Name of Event:

Industrial visit to Superstructure in Building Construction.

Date of Visit:-

14.11.2022

Visit Location:-

Fadol Mala Mauli Lawns Nashik

Participants:-

SYCE Students

Objectives:-

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 building the superstructure. This involves inspecting the finishes, joints, connections, and other details for defects, inconsistencies, or deviations from the approved plans.
3. Understand different super structural components parts of building .



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EXPERT LECTURES

Personality Development: The Art of Success

Name of Event:

Personality Development: The Art of Success

Date of Expert Lecture:-

03.10.2022

Resource Person:-

Mr. Kiran Mohite

Participants:-

SYCE & TYCE Students

Objectives:-

1. Help individuals gain a deeper understanding of themselves, their strengths, weaknesses, values, beliefs, and motivations.
2. 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 active listening, assertiveness, clarity, and empathy.



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SKILL DEVELOPMENT 2022

Foundation Layout

Name of Event:

Foundation Layout

Date of Expert Lecture:-

22.11.2022

Location:-

Sandip Polytechnic Parking ground.

Participants:-

SYCE & TYCE Students

Objectives:-

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



Testing of Civil Engineering material

Name of Event:

Testing of Civil Engineering material

Date of Expert Lecture:-

23.11.2022

Location:-

Sandip Polytechnic Parking ground.

Participants:-

SYCE & TYCE Students

Objectives:-

1. To understand the procedure of material testing.
2. To understand the equipment used for lab test and field test of material.
3. To understand the acceptance criteria for use of materials.



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SKILL DEVELOPMENT 2022

Introduction to Auto-CAD and basic settings & Commands to be used

Name of Event:

Introduction to Auto-CAD and basic settings & Commands to be used.

Date of Expert Lecture:-

26.11.2022

Location:-

Class Room 203 Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

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

Quantity calculation using Spread sheet & CAD

Name of Event:

Quantity calculation using Spread sheet & CAD.

Date of Expert Lecture:-

24.11.2022

Location:-

Class Room 203 Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Effective use of soft computing technique.
2. To determine the estimated cost of proposed work.



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SKILL DEVELOPMENT 2022

Introduction to Basic Mathematics & use of Scientific Calculator

Name of Event:

Introduction to Basic Mathematics & use of Scientific Calculator.

Date of Expert Lecture:-

21.11.2022

Location:-

Class Room 203 Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Effective use of basic mathematics and scientific calculator.
2. Minimise the error while using calculator.



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SKILL DEVELOPMENT 2022

Use of Auto Level for Ground Elevation calculations

Name of Event:

Use of Auto Level for Ground Elevation calculations.

Date of Expert Lecture:-

25.11.2022

Location:-

Sandip Polytechnic Parking ground.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Ground elevation calculation.
2. Effective use of Auto-Level.



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COMPETITION

Bridge Making Competiton

Name of Event:

Bridge making competition.

Date of Expert Lecture:-

15.09.2022

Location:-

Class Room 203 Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Skills of students where developed.
2. Students come to know importance of team work.

Poster Making Competition

Name of Event:

Poster making competition.

Date of Expert Lecture:-

12.09.2022

Location:-

Drawing Hall Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Skills of students where developed.
2. Improvement in their ideas and thoughts.



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COMPETITION

Rangoli Competiton

Name of Event:

Rangoli competition.

Date of Expert Lecture:-

16.09.2022

Location:-

Class Room 101 Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Skills of students where developed.

Project Competition

Name of Event:

Project competition.

Date of Expert Lecture:-

12.09.2022

Location:-

Drawing Hall Sandip Polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Presentation skill and stage daring will be improved.
2. Improvement in their ideas and thoughts.



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GARBA EVENT 2022

Garba Event 2022

Name of Event:

Non Technical Garba event

Date of Expert Lecture:-

03.10.2022 & 04.10.2022

Location:-

Entrance of Polytechnic Building.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Participating in a Garba event allows students to learn about and appreciate Gujarati culture and 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

Name of Event:

Teachers Day Celebration.

Date of Expert Lecture:-

05.09.2022

Location:-

203 class room of sandip polytechnic.

Participants:-

SYCE & TYCE Students

Objectives:-

1. To mark the Birth Anniversary of Dr. Sarvepalli Radhakrishnan.
2. To raise awareness about the role of teachers in playing quality education at all levels.
3. To improve skills of students.



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NATIONAL SPORT DAY

National Sport Day

Name of Event:

National Sport Days.

Date of Expert Lecture:-

28.08.2022 & 29.08.2022

Location:-

Ground of Sandip Foundation.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Popularising sports among the youth.
2. Increasing public awareness about sports and also impart education to youngsters about the importance of sports.
3. To establish an important link between the youth, our sport and environmental conservation.



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ONE DAY WORKSHOP

One day workshop on publish your manuscript in SCIE Journals

Name of Event:

One day workshop on publish your manuscript in SCIE Journals.

Date of Expert Lecture:-

30.09.2022

Resource Person:-

Dr. Sainath Aher.

Participants:-

SYCE & TYCE Students

Objectives:-

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.

