



**SANDIP  
POLYTECHNIC**

March - April 2024

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

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bhanudas.abhale@sandippolytechnic.org

**9423042624**

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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**

<b>Sr. No.</b>	<b>Name of Lab</b>	<b>Location</b>	<b>Cost of Lab</b>
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

## SYCE W-23

Sr. No	Name of Student	Enrolment No	Class	%	Photos
1	GAIKWAD OMKAR SANTOSH	2111670120	TYCE	91.10	
2	DANDGAVAL POOJA MANOJ	2111670119	TYCE	89.80	
3	PHADOL ADITYA DATTATRAY	2111670060	TYCE	88.30	



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# CIVIL ENGINEERING TOPPERS

## TYCE W-23

Sr. No	Name of Student	Enrolment No	Class	%	Photos
01	PRATHAMESH SHRAVAN DHANRALE	2211670075	SYCE	87.89	
02	JAGTAP ISHA SANJAY	2211670010	SYCE	86.32	
03	CHAROSKAR PAYAL SHARAD	2211670008	SYCE	82.11	

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## EXPERT LECTURES

### Expert lecture on Analysis of Waste Water

#### Name of Event:

Expert lecture on Analysis of Waste Water.

#### Date of Expert Lecture:-

06.03.2024

#### Resource Person:-

Prof. Dr. J. G. Naik

#### Participants:-

SYCE & TYCE Students

#### Objectives:-

1. Analyzing wastewater helps in assessing the levels of various pollutants present in the water. This includes organic matter, nutrients (nitrogen and phosphorus), heavy metals, pathogens, and other contaminants.
2. Wastewater analysis is essential for monitoring compliance with regulatory standards and permits.



**SANDIP FOUNDATION'S**  
**Sandip Polytechnic, Nashik**  
**Civil Engineering Department**

We cordially invite you to join Expert Talk on  
**"Analysis of Waste Water"**

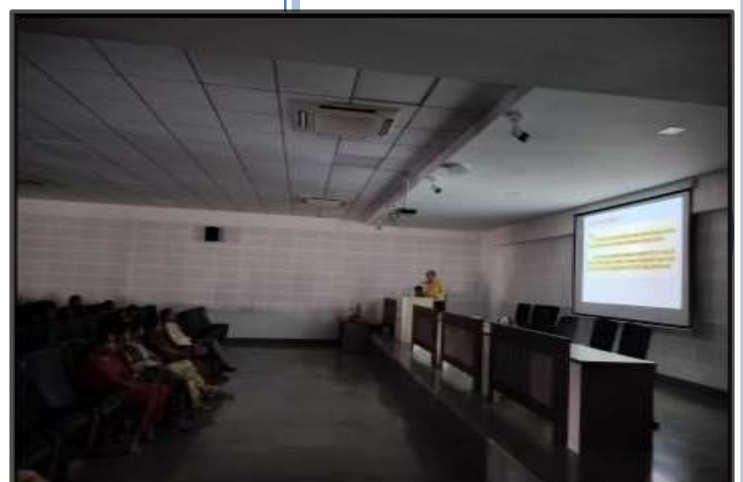
**DATE:**  
06<sup>th</sup> March 2024

**TIME:**  
10:00 a.m. to 11:00 a.m.

**BENEFICIARY:**  
SYCE & TYCE

**By Prof. Dr. J. G. Nayak**  
H.O.D., SF's, SITRC, Nashik

**VENUE:** Seminar Hall, Sandip Polytechnic,  
Nashik



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**EXPERT LECTURES****Expert Lecture on Geotechnical Investigation for Foundation****Name of Event:**

Expert Lecture on Geotechnical Investigation for foundation.

**Date of Expert Lecture:-**

05.03.2024

**Resource Person:-**

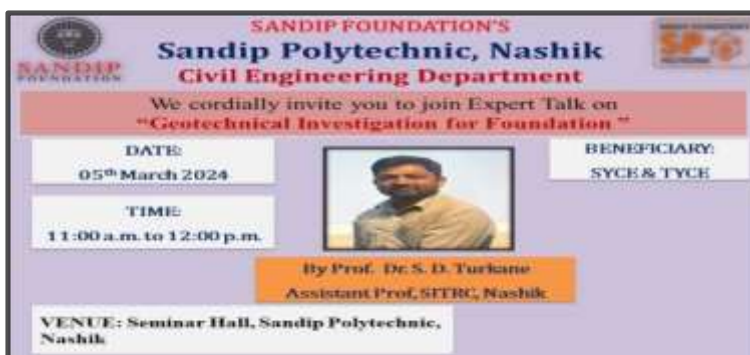
Prof. S. D. Turakane

**Participants:-**

SYCE & TYCE Students

**Objectives:-**

1. These investigations help understand the geological and geotechnical properties of the site.
2. These investigations also assess groundwater conditions, including depth, flow, and potential effects on foundation stability.
3. Ultimately, the data collected from geotechnical investigations is used to design appropriate foundations that can safely support the intended structure while considering factors like soil bearing capacity, settlement, and groundwater conditions.



**SANDIP FOUNDATION'S**  
**Sandip Polytechnic, Nashik**  
**Civil Engineering Department**

We cordially invite you to join Expert Talk on  
**"Geotechnical Investigation for Foundation"**

**DATE:**  
05<sup>th</sup> March 2024

**TIME:**  
11:00 a.m. to 12:00 p.m.

**BENEFICIARY:**  
SYCE & TYCE

**By Prof. Dr. S. D. Turakane**  
 Assistant Prof., SITRC, Nashik

**VENUE:** Seminar Hall, Sandip Polytechnic,  
 Nashik



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# EXPERT LECTURES

## Expert Lecture on Financial Literacy

**Name of Event:**

Expert Lecture on Financial Literacy.

**Date of Expert Lecture:-**

06.03.2024

**Resource Person:-**

Mrs. D. V. Kale

**Participants:-**

SYCE & TYCE Students and Faculty Members

**Objectives:-**

1. The lecture should aim to provide participants with a clear understanding of fundamental financial concepts such as budgeting, saving, investing, debt management, and financial planning.
2. The lecture should help participants develop critical thinking and decision-making skills related to financial matters.





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# INDUSTRIAL VISITS

## Sub Structure and Super Structure visit at Gajra Associates

**Name of Event:**

Visit under Building Material Construction subject to know Components of Sub structure & Super Structure at Gajra Associates.

**Date of Visit:-**

19.03.2024

**Visit Location:-**

Sandip Foundation Campus, Near Olive Canteen, Nashik.

**Participants:-**

SYCE & TYCE Students

**Objectives:-**

1. Identify components of substructure and Super-structure of building.
2. Propose suitable type of foundation of building structures.
3. To Understand the finishing Work of building.



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## SIX DAY'S WORKSHOP ON ON E-TENDERING

### Six day's Workshop on E-Tendering

#### Name of Event:

Six day's Workshop on E-Tendering.

#### Date of Expert Lecture:-

15.01.2024

#### Location:-

Sandip Polytechnic Building Class Room 203.

#### Participants:-

TYCE Students

#### Objectives:-

1. The main objective of the workshop is to know the importance & Procedure of E- Tendering in Construction Industry.
2. Importance of registration in PWD/WRD/ZP.
3. Importance of BOQ.
4. Importance of Quotation which is in Percentage Above OR Below.



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## SKILL DEVELOPMENT

### Introduction to Basic Mathematics & use of Scientific Calculator

#### Name of Event:

Introduction to Basic Mathematics & use of Scientific Calculator.

#### Date of Expert Lecture:-

Feb. 2024

#### Location:-

Sandip Polytechnic Building Class Room 204.

#### Participants:-

SYCE Students

#### Objectives:-

1. The main objective of the workshop is to know the importance & Procedure of E- Tendering in Construction Industry.
2. Importance of registration in PWD/WRD/ZP.

SANDIP FOUNDATION'S  
SANDIP POLYTECHNIC  
DEPARTMENT OF CIVIL ENGINEERING  
**Introduction to Basic Mathematics & use of  
Scientific Calculator**

Basic of Mathematics and Area Calculation of some regular figures  
Prof. B. G. Abhale

Basic of Tape measurement and Tape reading on field  
Prof. V. O. Patil

Date: Friday- 15 Feb, 2024  
Venue: 1st Floor, Class Room 203, Civil Engineer Dept,  
Polytechnic Building  
Last 2 Hours





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# STATE LEVEL COMPETITION

## Poster Making Competition

### Name of Event:

Poster Making Competition.

### Date of Expert Lecture:-

16.03.2024

### Location:-

Sandip Polytechnic Building Drawing Hall.

### Participants:-

TYCE & SYCE Students

### Objectives:-

1. Poster competitions can serve as educational tools, especially in schools and universities. They provide opportunities for students to research topics, learn about different art techniques, and develop their artistic skills in a fun and interactive way.
2. Poster-making competitions serve as a platform for personal growth, community engagement, and positive social impact.



**SANDIP FOUNDATION'S  
SANDIP POLYTECHNIC**  
At Post-Mahesani, Tytnak Road, Nashik-42213, Maharashtra, India

**OUR VISION**  
• To produce technocrats with knowledge and competent skills in various technologies for serving the society and the industry as well.

**OUR MISSION**  
• M1: To establish state of the art infrastructure and provide qualified and competent teaching faculty.  
• M2: To provide diverse educational medium to uplift and qualitative learning.  
• M3: To create institution industry interaction for better employability through exposure to industrial practices.  
• M4: To implement diploma, certificate and skill development program to produce competent technocrats with professional and social attitude.

**STATE LEVEL  
TECH-FEST  
2024**

**PRIZE WORTH  
25,000/-RS**

**EVENTS  
ON 16 MARCH 2024**

- DIGITAL POSTER COMPETITION
- QUIZ COMPETITION
- PAPER PRESENTATION COMPETITION
- PROJECT COMPETITION
- BGMI GAME COMPETITION

**VENUE : SP BUILDING**

**REGISTRATION LINK**





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# STATE LEVEL COMPETITION

## Quiz Competition

### Name of Event:

Quiz Competition.

### Date of Expert Lecture:-

16.03.2023

### Location:-

Sandip Polytechnic Class room 203.

### Participants:-

TYCE & SYCE Students

### Objectives:-

1. The primary objective of quiz competitions is to encourage participants to acquire knowledge across different subjects or themes.
2. Quiz questions often require participants to analyze information, make connections, and apply reasoning skills to arrive at answers. This process fosters critical thinking abilities, helping participants become better problem solvers.
3. Engaging in quiz competitions can enhance participants' ability to retain information and recall it when needed.



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• M5: To provide diverse educational medium to uplift and qualitative learning.

**PRIZE WORTH**  
25,000/-RS

**STATE LEVEL TECH-FEST 2024**

**EVENTS ON 16 MARCH 2024**

- DIGITAL POSTER COMPETITION
- QUIZ COMPETITION
- PAPER PRESENTATION COMPETITION
- PROJECT COMPETITION
- BGMI GAME COMPETITION

**VENUE : SP BUILDING**

**REGISTRATION LINK**



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# STATE LEVEL COMPETITION

## Paper Presentation Competition

### Name of Event:

Paper Presentation Competition.

### Date of Expert Lecture:-

16.03.2024

### Location:-

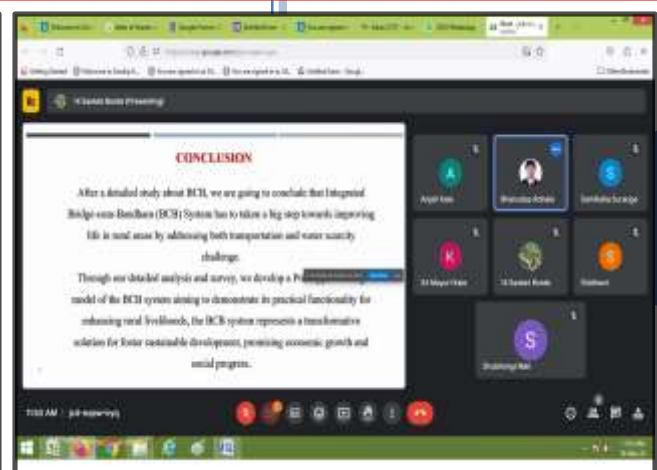
Sandip Polytechnic Class room 204.

### Participants:-

TYCE & SYCE Students

### Objectives:-

1. Encouraging participants to conduct original research and contribute to the advancement of knowledge in their field.
2. Providing a platform for participants to improve their communication and presentation skills by effectively conveying complex ideas in a clear and engaging manner.
3. Creating opportunities for participants to interact with peers, experts, and industry professionals, fostering collaboration and networking within the academic and professional community.





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# STATE LEVEL COMPETITION

## Project Competition

### Name of Event:

State level Project Competition.

### Date of Expert Lecture:-

16.03.2024

### Location:-

Sandip Polytechnic Class room 101.

### Participants:-

TYCE & SYCE Students

### Objectives:-

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





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- To provide vibrant environment conducive to quick and qualitative learning.
- To create institution-industry interaction for better employability through exposure to industrial practices.
- To implement diploma, certificate and skill development program to produce competent technocrats with professional and social attitude.

**STATE LEVEL TECH-FEST 2024**

**PRIZE WORTH**  
**25,000/-RS**

REGISTRATION LINK



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ON 16 MARCH 2024

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**VENUE : SP BUILDING**



Nashik, Maharashtra, India  
XM78+6M8, Nashik, Maharashtra 422213, India  
Lat 19.962948°  
Long 73.66604°  
16/03/24 12:16 PM GMT +05:30