



**SANDIP
POLYTECHNIC**

August - December 2023

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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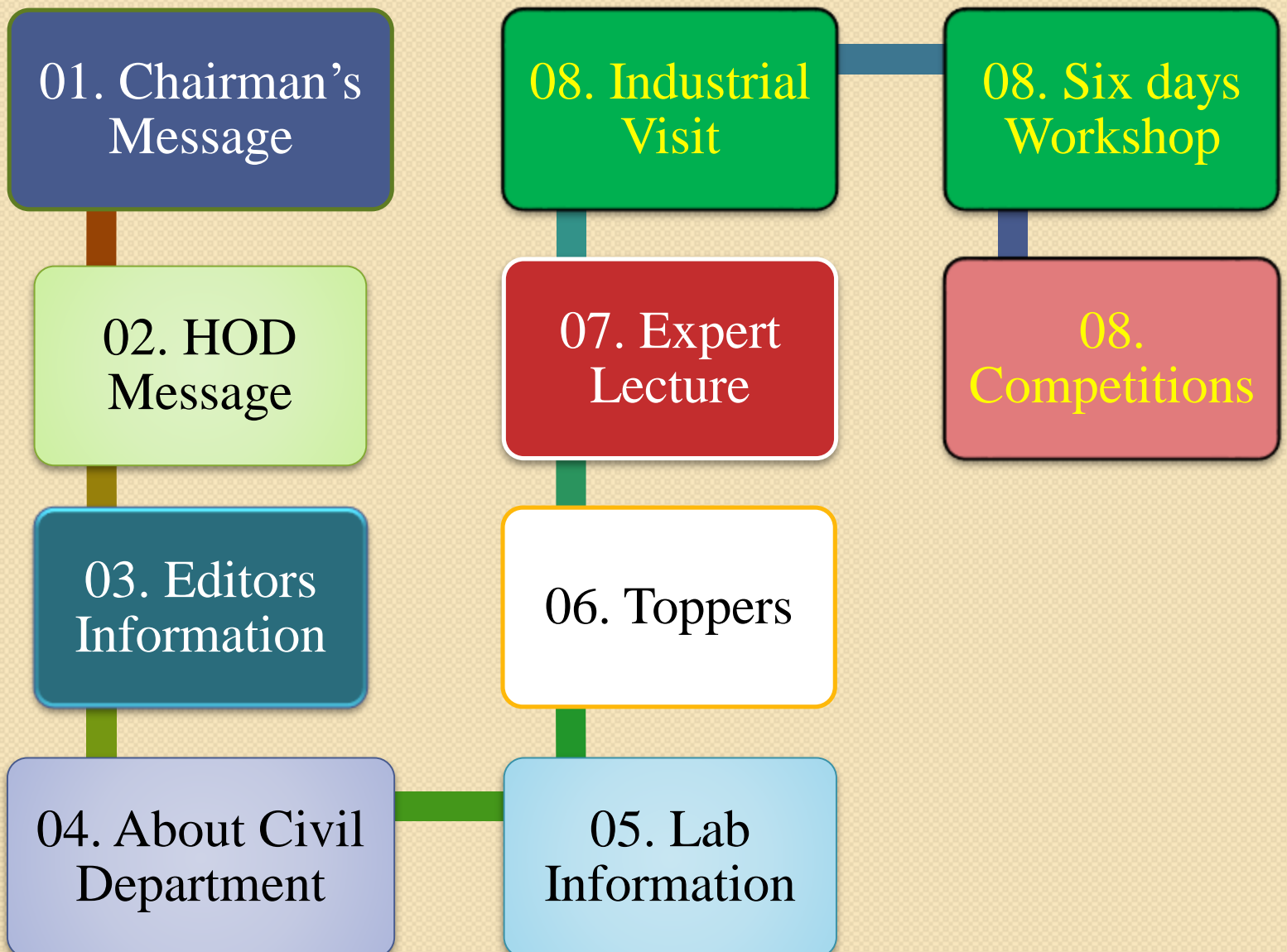
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WHAT'S INSIDE



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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)**vikas.patil@sandippolytechnic.org**9511940099****Prof. B. G. Abhale****ME (Environment)**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

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-23

Sr. No	Name of Student	Enrolment No	Class	%	Photos
01	CHAVAN TEJASWINI ARUN	2011670158	TYCE	87.89	
02	SURYAWANSHI HARSHAD KEDA	2011670266	TYCE	86.32	
03	SAKSHI SHARAD SHINDE	2111670494	TYCE	82.11	

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CIVIL ENGINEERING TOPPERS

SYCE S-23

Sr. No	Name of Student	Enrolment No	Class	%	Photos
1	DANDGAVAL POOJA MANOJ	2111670119	SYCE	80.63	
2	GAIKWAD OMKAR SANTOSH	2111670120	SYCE	79.38	
3	PHADOL ADITYA DATTATRAY	2111670060	SYCE	75.00	

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EXPERT LECTURES

Expert Lecture on Entrepreneurship Development

Name of Event:

Expert lecture on Entrepreneurship development .

Date of Expert Lecture:-

31.08.2023

Resource Person:-

Mr. L. G. Mahajan

Participants:-

SYCE & TYCE Students

Objectives:-

1. The guest lecture was about 'Entrepreneurship Development'. In his talk, he introduced himself and explained how he achieved these feet in his life. He further explained about How to become proficient in endeavours of life. The outcome of his lecture with respect to context proved to be efficient and informative at the same time.



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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:-

31.08.2023

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.



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INDUSTRIAL VISITS

Traffic Volume Study

Name of Event:

Traffic Volume Study Visit.

Date of Visit:-

06.10.2023

Visit Location:-

Papaya Signal, Satpur, Nashik

Participants:-

SYCE & TYCE Students

Objectives:-

To understand the Traffic Volume importance at intersections and use of count of vehicles (use of data while design roads).



Sewage Treatment Plant

Name of Event:

Visit to Sewage Treatment Plant Gangapur, Nashik.

Date of Visit:-

30.09.2023

Visit Location:-

Sewage Treatment Plant Gangapur, Nashik

Participants:-

SYCE & TYCE Students

Objectives:-

1. To study the working of Sewage treatment plant.
2. To study the various component of Sewage treatment plant



Bhandardhara Dam

Name of Event:

Earthen Dam Visit.

Date of Visit:-

07.10.2023

Visit Location:-

Bhandardara Dam, Rajur, Ahmednagar.

Participants:-

TYCE Students

Objectives:-

1. To study the working of Gravity Dam.
2. To study the various component of Gravity Dam.



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INDUSTRIAL VISITS

Sub Structure visit at sandip foundation campus

Name of Event:

Visit to Sub Structure visit at sandip foundation campus.

Date of Visit:-

08.08.2023

Visit Location:-

Sandip Foundation Campus, Near Olive Canteen, Nashik.

Participants:-

SYCE & TYCE Students

Objectives:-

1. Identify components of substructure of building.
2. Propose suitable type of foundation of building structures.



Waste water treatment plant vilholi

Name of Event:

Visit to Waste water treatment plant vilholi.

Date of Visit:-

30.09.2023

Visit Location:-

Water treatment Plant Vilholi , Nashik .

Participants:-

TYCE Students

Objectives:-

1. To study the working of Water treatment plant.
2. To study the various component of Water treatment plant.
3. To describe the process of treating water.



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SIX DAY'S WORKSHOP ON ADVANCE EXCEL SPREAD SHEET

Six day's Workshop on Advance Excel Spread sheet

Name of Event:

Six day's Workshop on Advance Excel Spread sheet.

Date of Expert Lecture:-

21.09.2023

Location:-

Sandip Polytechnic Building CAD Lab.

Participants:-

TYCE Students

Objectives:-

1. Discuss strategies for collaborating on Excel workbooks, sharing data securely, and protecting sensitive information using permissions and encryption.
2. Teach participants advanced formulas such as array formulas and logical functions to perform complex calculations efficiently.



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COMPETITION

Poster Making Competition

Name of Event:

Poster Making Competition.

Date of Expert Lecture:-

15.09.2023

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
DEPARTMENT OF CIVIL ENGINEERING**

On the Occasion of "Engineer's Day"
Department of Civil Engineering has organized:

QUIZ COMPETITION Event Co-ordinator Prof. S. B. Mali	ELOCUTION COMPETITION Event Co-ordinator Prof. A. N. Satbhai
POSTER MAKING COMPETITION Event Co-ordinator Prof. V. C. Mali	

Date: Friday- 15 Sept, 2023
Venue: 1st Floor, Drawing hall, Civil Engg Dept,
Polytechnic Building



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COMPETITION

Quiz Competition

Name of Event:

Quiz Competition.

Date of Expert Lecture:-

15.09.2023

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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COMPETITION

Elocution Competition

Name of Event:

Elocution Competition.

Date of Expert Lecture:-

15.09.2023

Location:-

Sandip Polytechnic Class room 204.

Participants:-

TYCE & SYCE Students

Objectives:-

1. Elocution competitions aim to enhance participants' ability to communicate effectively.
2. Through practicing and delivering speeches, participants learn to articulate their thoughts clearly, express themselves confidently, and engage their audience.
3. Public speaking can be daunting for many people, but elocution competitions provide a supportive environment for participants to overcome their fears and build confidence in their speaking abilities. Successfully delivering speeches in front of an audience boosts self-assurance and self-esteem..



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COMPETITION

Paper Presentation Competition

Name of Event:

Paper Presentation Competition.

Date of Expert Lecture:-

15.09.2023

Location:-

Sandip Polytechnic Class room 204.

Participants:-

TYCE & SYCE Students

Objectives:-

1. Elocution competitions aim to enhance participants' ability to communicate effectively.
2. Through practicing and delivering speeches, participants learn to articulate their thoughts clearly, express themselves confidently, and engage their audience.
3. Public speaking can be daunting for many people, but elocution competitions provide a supportive environment for participants to overcome their fears and build confidence in their speaking abilities. Successfully delivering speeches in front of an audience boosts self-assurance and self-esteem..



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COMPETITION

Rangoli Competition

Name of Event:

Rangoli Competition.

Date of Expert Lecture:-

15.09.2023

Location:-

Sandip Polytechnic Class room 101.

Participants:-

TYCE & SYCE Students

Objectives:-

1. Rangoli is a traditional art form in many cultures, particularly in India. Competitions help in preserving and promoting this traditional art form, passing it down through generations.
2. Engaging in a competition setting encourages participants to hone their artistic skills.
3. These competitions provide a platform for celebrating cultural diversity and heritage.



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COMPETITION

Paper Presentation Competition

Name of Event:

Paper Presentation Competition.

Date of Expert Lecture:-

15.09.2023

Location:-

Sandip Polytechnic Class room 101.

Participants:-

TYCE & SYCE Students

Objectives:-

1. Paper presentations facilitate the exchange of ideas and perspectives among scholars from different institutions and disciplines.
2. Paper presentations often include case studies, practical applications, and lessons learned from real-world experiences.
3. Paper presentations often include case studies, practical applications, and lessons learned from real-world experiences.

