

NIRMAAN

HALF YEARLY MAGAZINE



SANDIP
FOUNDATION



CIVIL ENGINEERING



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422213





SANDIP
FOUNDATION

NIRMAAN

SANDIP FOUNDATION'S
SITRC
INSTITUTE OF TECHNOLOGY & RESEARCH CENTER

Vision of Institute

“To be an acclaimed Institution for learning and research.”

Mission of Institute

- ❑ **M1:** To impart in-depth technical knowledge
- ❑ **M2:** To create conducive environment for research, innovation & entrepreneurship
- ❑ **M3:** To instill the social & cultural values

Vision and Mission of Department

VISION:

To impart value-based state of the art knowledge in civil engineering and to serve the society by nurturing research, innovation and entrepreneurship.

MISSION:

M1: To build a concrete bond with all stakeholders for holistic development of society

M2: To develop an ecosystem to emulate research in civil engineering domain

M3: To nurture innovative approach and entrepreneurship skills to pursue excellence in all facets



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Leading Engineering College in Nashik

Sandip Foundation established in 2005 as a Charitable Trust under the Chairmanship of Hon'ble Dr. Sandip Kumar Jha with a vision to render selfless, dedicated service to higher education in the fields of Engineering, Management and Paramedical Sciences. The trust has proved its proficiency in education for last twelve years. Under the umbrella of Sandip Foundation, Sandip Institute of Technology and Research Center was established in the year 2008.

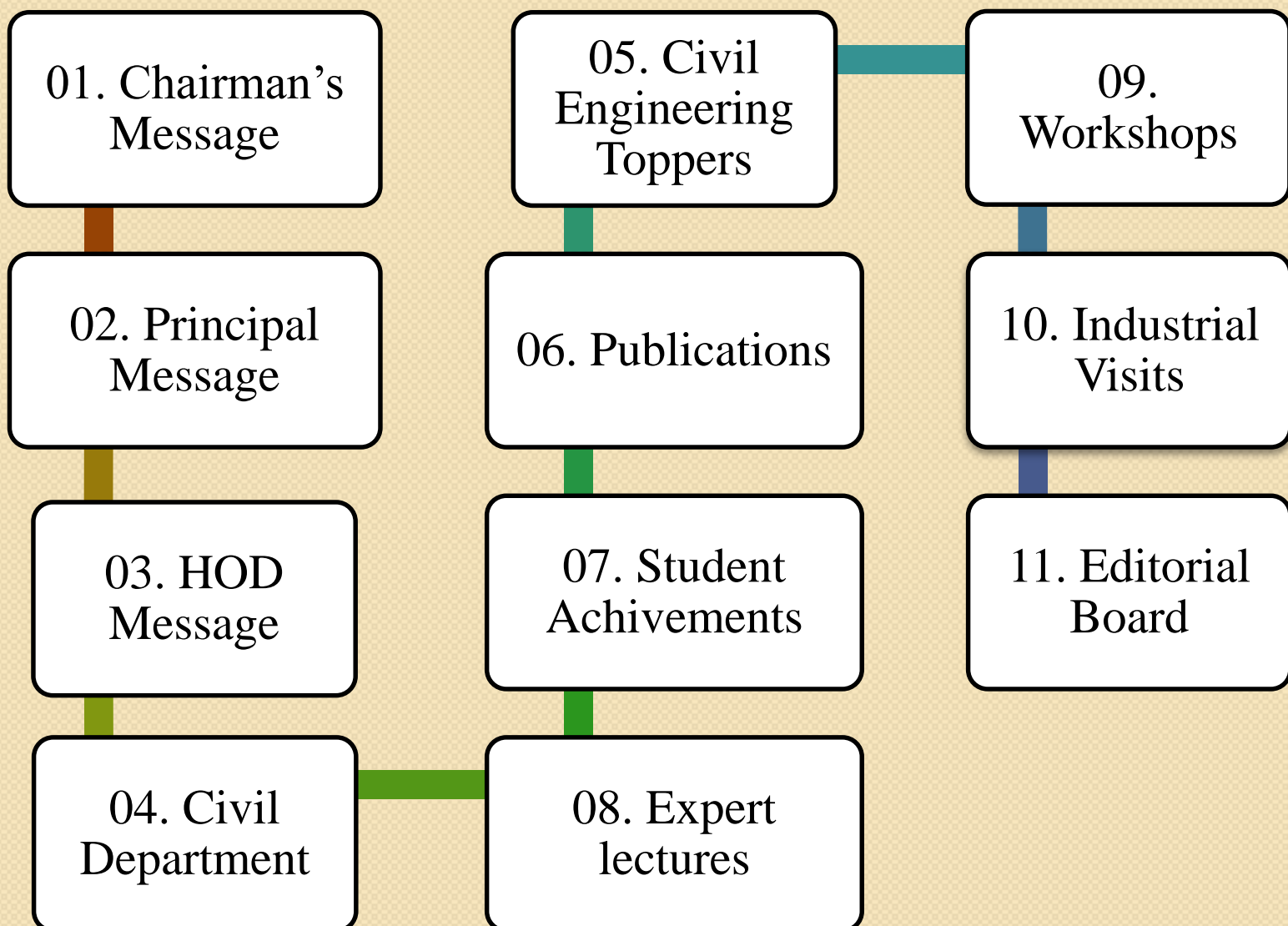
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WHAT'S INSIDE



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Learn from your experiences for these 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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Principal, SITRC, Nashik

From Principal Desk

“A dream is not that which you see while sleeping, it is something that does not let you sleep! “Dr. A.P.J. Abdul Kala. We, at SITRC, Nashik believe in the same philosophy. SITRC, Nashik started its journey to produce world class technocrats with competent skills in various technologies for serving the society. Our every effort ensures that we achieve our goals. Competent faculty is our asset. Each and every team member is passionate in achieving our goal. We always motivate our faculties to be an active part of our team. Nature is our friend here in the pleasant environment of Sandip Foundation. It rejuvenates the body, mind and intellect of our students as well as staff members. The aim behind all our co-curricular and extra-curricular activities is to provide an impetus to our young minds to explore new dimensions of life and to do innovation in their field. Some people think in terms of problem, some people think in terms of solution. We, at SITRC, Nashik , insist our students to be a problem solver. Students are motivated to make some mini and micro projects to utilize their knowledge practically. This is a platform to showcase their creativity. To increase employability of our students, certain Skills Development Programs have been introduced and implemented effectively by our institute. Due to globalization, liberalization and privatization, there is a cut throat competition in the market. We, by imparting practical knowledge to our students, make them industry ready. So the skill set gives them confidence to withstand the competitive world. Come, feel the difference. Rejuvenate mind and intellect. We assure quality education at its best at SITRC, Nashik and Sandip Foundation.

SITRC, Nashik

Prof. (Dr.) M. M. Patil, Principal, SITRC, Nashik

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Message from
HOD Civil Engineering Department

From HOD's Desk

I welcome you all to Civil Engineering Department, 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. Jyotiprakash G. Nayak,
HOD, Civil Engineering Department

ABOUT CIVIL ENGINEERING DEPARTMENT

The department started its operation in the academic year 2014-15 and is instrumental in providing degree granting graduate level course in Civil Engineering with the intake of 60 students per academic year. Department proudly boasts the convergence of leading researchers from all over India in the teaching faculty pool. Corporates heavyweights have taken the initiative to act as advisor to faculty members and hence the curriculum is not only research-led and cutting edge but it's also aligned to the present day requirements in industries.

Department has well equipped laboratories with ultra-modern instruments. Students of the department are enriched by guidance of highly qualified and experience faculty members. Department having active consultancy cell providing consultancy facility for soil/building material testing, field testing for civil engineering projects.

This directly helps in producing industry ready graduates who can add value in the organization right from the day one.

Department Information

Programme:- Civil Engineering
Year of Establishment:- 2014-2015
Intake Capacity:- 60

CIVIL ENGINEERING TOPPERS

Sr. No	Name of Student	Class	SGPA/CGPA	Grade
1	Gaikwad Sneha Bharat	SE	8.09	First Class with Distinction
3	Pawar Kiran Vithoba		7.61	First Class
5	Dandagaval Akanksha Arun		7.34	First Class
6	Tomar Lokesh Rajeshsigh	TE	9.05	First Class with Distinction
7	Nehete Jidyasa Jayant		6.81	First Class
8	Bhasme Samadhan Kalu	BE	8.87	First Class with Distinction
9	Sanap Ashitosh Dattu		8.76	First Class with Distinction
11	Nigal Anjali Ravindra		8.72	First Class with Distinction

PAPER PUBLICATIONS

Many Congratulation for Publications

- ❑ **Chintaman Bari**, Ashish Dhamaniya, Satish Chandra (2023) “Drivers’ Willingness to Shift Towards Electronic Toll Collection System in India”, Case Studies on Transport Policy

<https://doi.org/10.1016/j.cstp.2023.101046>

- ❑ **Jyotiprakash G. Nayak**, Rashmi J. Nayak (2023) “TSDC and EDX studies of pure and ferrocene doped Polysulfone” Materials Today: Proceedings

<https://doi.org/10.1016/j.matpr.2023.05.650>

- ❑ **Dr. B. Sarath Chandra Kumar**, Samadhan Bhasme, Nisha Bhoje, Krishna Katela, Nitin Mahale, Hushar Zurd (2023) “EXPERIMENTAL STUDIES ON GGBS BASED GEOPOLYMER CONCRETE: A REVIEW” Industrial Engineering Journal

http://www.journal-iiie-india.com/1_nov_23/1_online_nov.pdf

- ❑ **Dr B. Sarath Chandra Kumar**, Shrutu Gangurde, Shweta Avaghade, Harshada Gaikwad, Dimpal Mahale, Sonal Chavan, (2023) “PARAMETRIC STUDY ON GGBS BASED GEOPOLYMER CONCRETE: A REVIEW” Industrial Engineering Journal

http://www.journal-iiie-india.com/1_oct_23/31_online_oct.pdf

EXPERT LECTURES

Seminar on BIM Technology by NIBT

Name of Event:

Seminar on BIM Technology by NIBT

Date of Expert Lecture:-

18/10/2023

Resource Person:-

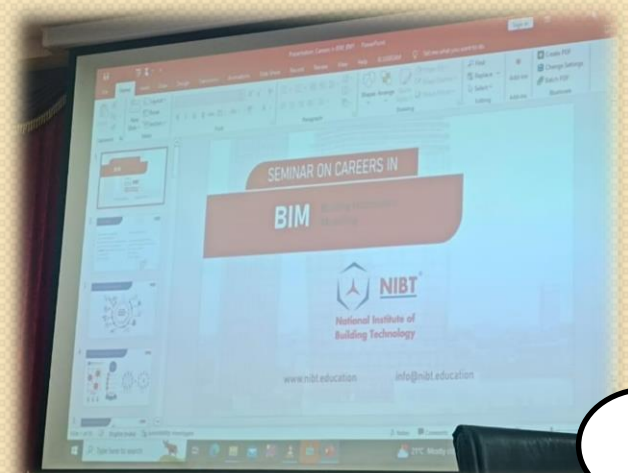
Mr. Vivek Mogul, Managing Director, NIBT, Nashik

Participants:-

BE AND TE Civil students

Event Summary :

This seminar is organised for B.E and T.E students to enlighten them on training of BIM course and software tools in which the student will be trained for a period of three months with 100% job assistance.



EXPERT LECTURES

Expert Lecture on “Career Opportunities after Engineering” Engineering

Title: Expert Lecture on “Career Opportunities after Engineering” by ACE Academy Hyderabad, Pune in association with ISTE (Indian Society for technical Education)

Date: 28/02/2023

Venue: Department Of Civil Engineering

Event Resource Person Details: Mr. R. Umapati Murthy and Mr. Shankar Wadane

Event Objective:

- 1) Awareness about various opportunities after engineering and post-graduation
- 2) Introduction to various industries, PSU’s and roles for engineers from various streams.
- 3) Guidance about entrance examinations like GATE etc. For engineering masters programs.

Event Summary: Around 55 No of Civil Engg. Students of SE,TE and BE Attended the session. The speakers introduced the students about various opportunities for engineers in industry and Public Sector Undertaking (PSU). The webinar was highly informative and motivating for the students. The session was all about the overseas options for Earn while learn available for civil engineering students.



EXPERT LECTURES

: An Expert lecture on “Guidelines for Effective Project Report Writing”

Title: An Expert lecture on “Guidelines for Effective Project Report Writing” by Civil Engineering Department in association with IIC (Institution’s Innovation Council).

Date: 05/04/2023

Venue:BE Class room, Civil Engineering Department, D-Building, SITRC, Nashik

Event Resource Person Details: Prof.Aniket Patil, Department of Civil Engineering, Nashik.

Event Objective:

- 1) Discuss standard formatting guidelines and presentation tips to enhance the report’s visual appeal and readability.
- 2) Teach methods for presenting data using charts, tables, and visualizations to support the report’s findings.
- 3) Clarify the scope of the report to ensure it addresses all relevant aspects of the project.

Event Summary: This Expert lecture is organised for B.E students to enlighten them on training of Effective Project Report Writing.



EVENTS

Women's Day

Title: Celebration of International Women's Day 2023

Date: 08/03/2023

Venue: Seminar Hall, D Building, SITRC, Nashik.

Resource Person: Dr. Anupama Deore, Dr. Kamini Nalawade, Prof. Rashmi Nayak

Event Objective:

To celebrate International Women's Day 2023.

To make aware girls students about personal hygiene.

Event Summary: Civil Engineering Students Association (CESA) and Department of Civil Engineering has organized program to Celebrate of Women's Day 2023 in which guest lecture were arranged regarding personal hygiene for girls and some fun games were organized.



INDUSTRIAL VISITS



Site visit to Industrial Building(Alfa Engineering Private limited) and Ratan fabrications, Nasik on 06.10.2023

Site Visit to Nilgiribaug Water Treatment Plant (W.T.P.) on 31.10.2023



Site Visit to Bitumen Hot Mix Plant on 12.10.2023



Site Visit to Ganagapur Dam Left Bank Canal Event Date: 03.03.2023



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Civil Engineering Department SITRC, Sandip
Foundation Nashik





SITRC Amphitheatre



SITRC Play Ground



Canteen