

DEPARTMENT OF CIVIL ENGINEERING

Newsletter

Vol-20 (June to Dec 2018)

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MISSION & VISION







DEPARTMENT VISION

To achieve excellence in Civil Engineering and Technology by providing quality education through research

DEPARTMENT MISSION

To create technically competent Civil Engineering graduates with highest ethics.

PROGRAM EDUCATIONAL OBJECTIVES

-  To provide sound foundation in mathematical, scientific and engineering fundamentals necessary to analyze, formulate and solve engineering problems.
-  To develop core competency in students by imparting in depth theoretical and practical knowledge in civil engineering subjects.
-  To provide relevant engineering experience in designing and conducting experiments as well as analyzing the significance of the experimental data.
-  To provide training to exhibit effective interpersonal skills in teams and at work place.
-  To inculcate the habit of lifelong learning for career development through higher studies, professional development courses, industrial training etc.
-  To impart technical knowledge, ethical values for professional development of the students to solve complex problems and to work in multi disciplinary ambience, of whose solutions lead to significant societal benefits.

PROGRAM OUTCOMES

At the end of the program a student will be able to:

- To apply knowledge in mathematics, science and engineering subjects.
- To identify, formulate and solve engineering problems.
- To conduct experiments to interpret data and analyze the results.
- To design system components or processes to satisfy the needs of the society within realistic constraints such as economic, social, political ,health, safety and manufacturing.
- To function on multi-disciplinary teams.

- To understand professional and ethical responsibilities.
- To communicate effectively.
- To gain knowledge to understand the impact of engineering solutions in global, environmental and societal context.
- To understand the need and engage in life-long learning process.
- To gain knowledge on contemporary issues.
- To use techniques, skills and modern engineering tools necessary for engineering practices.



DEPARTMENT EVENTS

SEMINAR ON “WOMEN SANITATION”

24/01/2019



CESA organized a seminar on “Women Sanitation” with an aim of making the female students aware of the problems faced during Menstruation. Priya Kad and Kamini More were the speakers on this occasion. They guided the girls about the overall problems and issues faced during Menstruation and also introduced the various alternatives which can

be used other than sanitary pads. They also shed light on causes and prevention of cervical cancer.

EXPERT LECTURE AND GUIDANCE

24th September 2018.



An expert lecture was organized for the students of SE, TE and BE on “Importance of Site Work” with an objective of making the students understand importance of shuttering, reinforcement etc. at site. Mr. Harshad Rane was the speaker. He shared his experiences and knowledge with the students about the work taking place at site. The session was then followed by Q & A session and feedback.

WORKSHOP ON “NATURAL FIBRE- THE FUTURE TECHNOLOGY OF CONSTRUCTION”

4/10/2018 & 5/10/2018

A Two Day Workshop On Natural Fiber- the Future Technology of Construction was organized for the students to educate students about use of natural fibers in construction.

Mr. Ulhas Paranjpe was the expert speaker. He gave a presentation on *Use of Natural Fibers* and also shared about how he conceived this idea. It was then followed by construction of ferrocement tank using natural fibers. On the second day Mr. S. N. Hande gave information on **“Tunneling in Water Management”** and Mr. Nirav Saraiya sir shared information and delivered the lecture on **“ Rain Water Harvesting.**





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BLOOD DONATION CAMP

Date: 31st January, 2019.



CESA organized a blood donation with an aim of collecting blood samples for helping people and saving lives. Registration desks were setup at college entrance and Kharghar station. CESA members helped people in filling out the registration forms and distributing refreshments to the blood donors.



TRAFFIC VOLUME STUDY

7/9/18

A project on Traffic Volume Study was conducted for the TE on Sion Panvel expressway, Kharghar node. This project enabled the students to determine the volume of traffic moving on the roads and classification of roadway vehicles at a particular section during a particular time.



WATER TREATMENT PLANT VISIT

11/08/2018

A site visit to Morbe Water Treatment Plant at Bhikarpada was organized for the TE students with an objective of understanding the various procedures involved in purification of raw water. It is a 900 MLD water treatment plant supplying water to 4000000 residents of Mumbai.

The site visit expert briefed and showed the students how screening, coagulation, sedimentation, filtering and disinfection is done in a water treatment plant.



NURTURE -WORKSHOP ON SOFTSKILLS

Nurture – the corporate readiness and soft Skill development, lecture and workshop series was conducted for SE students with an objective of imparting training to help students to get placement in best industries. The training was delivered by Prof. Alka Purohit, Corporate Relations Officer and Training, SCOE. The module aimed at promotion of strategies for the personality development of the students. The course content comprised of: leadership, communication, interpersonal relations and team building.





EG LAB VISIT

11-09-2018

A site visit to Indian Institute of Geomagnetism was organized for the students of SE. Prof. Praveen Gawali delivered an introductory talk describing applications of EG and Geomagnetism in Civil Eng projects. Also a documentary screening about the research activities conducted by IIG was presented .The session was helpful for the students to understand the practical applications of EG.



SEWAGE TREATMENT PLANT



CONCRETE LAB VISIT

6-09-18

The students of SE were divided in 6 batches and about six experiments on Advanced Concrete Technology were performed and demonstrated.

The students were highly benefitted and enabled to understand the practical and theoretical concepts of CT.



MIDAS software

18-07-18

An introductory session of MIDAS Software was conducted for all the faculties of Civil Engg department with an objective of enabling pragmatic research and undergoing training using MIDAS.



FOUNDATION DAY

17-09-18

SCOE felicitated the meritorious students of Civil Engg Department on the Foundation day



Prof. Rachael Gitty and Prof. Shanti Selvam were felicitated for having completed 10 years of service in SCOE



TEACHERS DAY




On this occasion, the students felicitated the teachers. This was followed by wonderful dance and singing performances prepared by students especially for their teachers. The teachers enjoyed the show and were touched by the efforts the students had put in to make the day memorable for them.



TOPPERS FOR ACADEMIC YEAR 2017-18



UNDERGRADUATE LEVEL

SEM	VIII	VI	IV
	MULEY PRIYESH (9.06)	MHASKAR PRANALI (9.57)	SHAIKH MOHOMMAD YASIR (9.19)
	MISTRI JITESH (9.03)	PARIHAR PRATIK (9.46)	WALIMBE RAHUL (8.70)
	JAIN AKASH (8.68)	MHATRE PRASAD (9.25)	CHHEDA UJAS (8.48)



We're proud
of you

Congratulations