

DEPARTMENT OF CIVIL ENGINEERING

Newsletter

(Jan to June 2019)

CONTENT

DEPT. VISION MISSION	<i>(pg-2)</i>
PEO & PO	<i>(pg-3)</i>
IMPORTANT EVENTS IN DEPT	<i>(pg 3)</i>
STUDENT ACHIEVEMENTS	<i>(pg-7)</i>
ACADEMIC ACHIEVEMENTS	<i>(pg-8)</i>



EDITOR

PROF. ROSHNI JOHN (HOD)

PROF. SHANTHI P. SELVAM

From the Desk of HOD



We proudly present Newsletter for even semester of academic year 2018-2019. The prime motive of the newsletter is to highlight the achievements of

students and faculty in academics and extracurricular activities. Department took initiative for arranging site visits to STP and WTPs. All our Third Year students underwent one month summer internship programme in reputed organisations. Final Year students were encouraged and guided for different competitive examinations. We are actively involved in knowledge enhancement of students through project based learning and organising technical events.

Vision

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

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 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 Cyber Crime Awareness

11th January 2019

Seminar on Cyber Crime Awareness was organized by CESA on 11th January 2019. Mrs. Mallarmathi Govindan Social Worker from iTransform Foundation gave a presentation on cybercrime and related issues. Total 103 students participated in the seminar. Students were introduced to various cyber activities and crimes associated to them.



Seminar on “Women Sanitation” 24th January 2019

CESA organized seminar on “Women Sanitation” with an aim of educating the female students about 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.



Blood Donation Camp 31st January 2019

NSS and Rotract club of Saraswati College organized a blood donation camp on 31st Jan 2019 to raise awareness for blood donation. Registration desks were setup at the college entrance, Kharghar station, KEM Hospital and NMMC Hospital. NSS members helped people in filling out the registration forms and distributing refreshments to the blood donors. At the end of the day, NSS unit collected a total of 378 units of blood.



CIVIQ 4th February 2019

CIVIQ was organized by CESA on 04th February 2019 in association with IIT

Bombay. Total 136 students Participated in the event. Students were able to identify the technical terms related to civil engineering.



Parent Teacher Meeting 8th February 2019

PTM was conducted for SE, TE and BE on 8th February, 2019 with an objective to discuss progress of students and find solutions to academic and behavioural problems.

Parents filled out feedback forms and teachers addressed parents' concerns on academic and extracurricular activities.

Convocation Ceremony of 2017-18 Graduates 26th February 2019

Convocation ceremony of 2017-18 for Civil Engineering graduates was organized by civil department on 26th February, 2019. Chief Guests Dr. S. K. Ukarande (Dean I/C, Faculty of Science & Technology, University of Mumbai) and Mr. Subodh Sant (Chief Manager Asset management technical Siemens Ltd Mumbai) addressed the students on their success and advised them on their future endeavours.



Survey Project Camp 11th to 15th March 2019

A three day survey camp (11/03/2019-15/03/2019), for SE students was conducted at Monteria Resort under the guidance of Prof. Rachel Gitty, Prof. Shanthi Selvam, Prof. Rahul Mudnoor, Prof. Rizwan Qureshi and Prof. Manoj Pillai to provide the students essential knowledge and exposure to real work and to encourage leadership and teamwork skills.

A total of 136 students were present. The students performed Profile levelling, Radial and Block contouring projects. They have also drawn the topographical map of the area from the observation by theodolite and compass.

This gave students an opportunity to improve theoretical and practical knowledge in engineering surveying under actual field conditions.



Site Visit to Targhar Railway Station 18th March 2019

A site visit to Targhar Railway Station on 18th March 2019 was organized for TE students to gain knowledge about the working of advance construction equipments used at the construction site in Navi Mumbai.

Mr. Sanjay Choutaliya Chief Engineer CIDCO gave information and demonstration about the working process of the Hauling and Hoisting equipment to 142 students.

Site Visit to Ready Mix Concrete Plant 18th & 19th March 2019

A site visit at Prism Johnson RMC plant, Mahape was organized for SE students (136 Students) on 18th and 19th March 2019 to understand the various procedures involved in RMC Plant.

The plant expert: Mr. Girish Joshi (Sr. Manager (CSG) briefed and showed students the various processes involved in RMC plant and also explained about the concrete mix design calculations.



Visit to Sewage Treatment Plant

18th & 19th March 2019

A site visit to Khilari Infrastructures, Nerul was organized for TE students (136 Students) on 18th and 19th March 2019 with an objective of understanding the various processes involved in treatment of sewage water.

The site expert Mr. Dnyaneshwar Pandhare, briefed and showed students the physical processes such as screening, sedimentation, chemical processes such as coagulation and disinfection and biological process such as activated sludge done in the sewage treatment plant.



Site Visit to Common Effluent Treatment Plant

26th March 2019

A site visit to CETP, Koparkharine was organized for BE students on 26th March 2019. Mahesh Patil, Chief-technician explained about the treatment units and the processes which are involved in CETP. A total of 71 students were present on the venue. They were introduced to Extended Aeration Technology involved in treatment of effluent. It helped the students to better understand the processes involved in treatment of effluent by observing the processes that are carried out at the plant.



Avishkar 2019 **3rd & 4th April 2019**

National Level Project Competition “Avishkar-2019” was organized for BE students to provide a platform to explain their projects to the experts. Students from different Engineering Colleges participated in the competition. Prizes were also given to selected project groups. This competition was judged by Mr. Dayndeeep Kasawkar - Civil Sub-Engineer at BMC.



Farewell **3rd May 2019**

Farewell was organized for the final year students on 03/05/2019 in the college campus. The students were given mementos and student of the year trophy was awarded to Mr. Pratik Parihar for his consistency in academics. Snacks were arranged followed by dinner. The wonderful event was concluded with group photos.



Achievements

Project Competition

Bhavesh Patil , Gauri Saswade, Shreyas Tendulkar participated in Inter-College Project Competition at Lokmanya Tilak College of Engineering on 19th March 2019.

Syllabus Revision

Prof. Roshni John, Prof. Molly Mathew, Prof. Yugandhara Kasture, Prof. Manoj Pillai attended the seminar on Syllabus Revision 3rd Jan 2019 at Kalsekar Technical Campus.

Pawar Chandan	8.92	II
PratikshaGadhawe	8.87	III

Student's Achievements

List of toppers

S.E. SEM-IV

Name of Student	SGPI	Rank
Lala Ruaiz	9.11	I
Patil Mansi	8.26	II
Pukale Aditya	8.19	III

B.E. SEM VIII

Name of Student	SGPI	Rank
Parihar Pratik	9.67	I
Bhosale Prakash	9.33	II
Patole Amit	9.21	III

T.E. SEM-VI

Name of Student	SGPI	Rank
ChhedaUjjas	9.08	I
PagareSankarshan		

Faculty Achievements

Publications in International Journals and Conferences

Name of the Publisher	Title of Paper	Publications in Journals/ Conferences
Manoj Pillai Prof.Roshni John	Performance Evaluation of high-rise building with Reinforced Concrete flag walls under wind load	JETIR, Vol-06, March-2019, pp 36-41
Prof.RachelGitty, Prof. V.M Topkar	Performance analysis of 100MLd sewage treatment plant at Nerul, Navi Mumbai	National Conference in ACEE 2019, held at NIT Jalandar, 23 rd and 24 th March 2019
Manoj.S.Pillai, Prof. Roshni John,	Dynamic Analysis of High-Rise Building with Reinforced Concrete Flag Walls under Wind Load	5th National Level Construction Techies Conference on Indian Construction Scenario, Pune, 11th and 12th February 2019.
Prof.Shanthi P Selvam, PallavSahu, Pise Tushar, AneraoSudharshan.	Performance evaluation of sewage treatment plant at Kharghar, Navi Mumbai	National Conference in ACEE 2019, held at NIT Jalandar, 23 rd and 24 th March 2019
Prof.Shanthi P Selvam, Pratik Parihar, Rohan Kule, Valmiki Anish.	Statistical Analysis of effluent quality parameters of CETP	National Conference in ACEE 2019, held at NIT Jalandar, 23 rd and 24 th March 2019
Prof.Shanthi P Selvam, Prof. V.M Topkar	Stage-wise Performance evaluation of CETP	ERCAM-NMIT Bangalore, 25 th -26 th July 2019
Mayuresh Vitthal Raut,	Study of PSC Box Girder Bridge subjected	NCSMWM, Navi Mumbai, 12th

Prof.Roshni John, Prof.Dinesh Joshi	to the Two-Way Traffic	April 2019
Arti Chandrakant Thakur, Prof.Roshni John	Behavior of flat slab with drop and without drop	NCSMWM, Navi Mumbai, 12th April 2019
Harshal Patil, Saurabh Shukla, Dhanashree Shinde, Deepshika Singh, Prof.Pooja Somani	Phytoremediation in sewage treatment	NCSMWM, Navi Mumbai, 12th April 2019
Vipul Mhatre, Nimesh Pandey, Akshay Bhosale, Rohan More, Prof.Shweta Motharkar	Concrete Using Coconut Shell As A Coarse Aggregate	NCSMWM, Navi Mumbai, 12th April 2019
Sujitkumar S. Jondhale, Ashish P. Gosavi, Advait N. Jadhav, Akshar V. Dalvi, Prof.Garima Nagpal	Stormwater Management ForHindamata Flooding	NCSMWM, Navi Mumbai, 12th April 2019

