



**Pimpri Chinchwad Education Trust's
Pimri Chinchwad College of Engineering & Research**



CIVIL INSIGHT

2017-18



Vision of the Institute

To be a premier Institute of technical education and research to serve the need of society and all the stakeholders.

Mission of the Institute

To establish state-of-the-art facilities to create an environment resulting in individuals who are technically sound having professionalism, research and innovative aptitude with high moral and ethical values.

Department of Civil Engineering

To be the spearhead of Civil Engineering Education, imparting exhaustive know-how to create proficient and accomplished global technocrats.

Vision:

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Mission:

M1: To upgrade continuously, to develop state-of-art laboratories and advanced computational facilities and be ever resourceful to disseminate contemporary knowledge.

M2: To inculcate the zeal for research and innovation and to improve the quality of education and research.

M3: To enforce rigorous appraisals so as to identify strengths and key competencies.

M4: To enhance industry interaction to develop competent entrepreneurs and employable professionals.

M5: To cultivate ethics, social awareness, soft-skills and appreciation for cultural diversity to evolve a truly global community.

Program Educational Objectives (PeOs):

PEO1: To develop accomplished technocrats, who are competent to provide Sustainable solutions to civilian issues.

PEO2: To impart state-of-the-art education to the aspirants so that they are capable of achieving a very rewarding occupation.

PEO3: To evolve technically sound graduates, skilled to succeed in competitive Examinations for higher education and employment.

Program Specific Outcomes (PsOs): Civil Engineering Graduates will be able to:

Ps01: Know the architectural, technical, social, cultural heritage of the nation, to remain connected to the roots of civilization and design the solutions which are based on ancient wisdom and modern technology.

PSO2: Use contemporaneous software to find solutions to various engineering problems and become well-versed and skilled to face competitive examinations without qualm.

HOD Desk



Mrs. Mayura Milind Yeole

HOD of Civil Engineering Departments PCCOER

Civil Engineering has to do with Civilization! With Civilization has developed Civil Engineering and with Civil Engineering has prospered Civilization! It is easily the oldest branch of Engineering. When the first human form thought of taking refuge in a cave, Civil Engineering was borne. Every man-made structure in this world is conceived, designed, constructed and maintained by Civil Engineers. A Civil Engineer is thus Vishwakarma of the modern world!

Civil Engineering is very versatile and diversified. It has many sub-disciplines such as; Structural Engineering, Water Resources Engineering, Environmental Engineering, Transportation Engineering, Foundation Engineering, Earthquake Engineering, Construction Engineering, Project Management etc. Civil Engineers could be entrepreneurs, offering consultancy to projects on varied scales. Civil Engineers could seek employment in Government, Semi-government and Private sectors, contributing to the growth of nation with their skills and services.

Civil Engineering Department at PCCOER has experienced, dynamic and dedicated faculty and state-of-art laboratories. We nurture our students with strong scientific and technical know-how and impart critical thinking skills on which, are founded their careers or higher studies. We endeavour to inculcate in our students, professional attitude, ethical values, creativity, leadership, innovative thinking, effective communication, team work, multidisciplinary approach and social awareness. The Department is committed to fostering a stimulating and intellectual environment in which both faculty and students excel in their professions.

- Mrs. Mayura Yeole

Editors

Mrs. P. A Chiwhane | CESA Students

Site Visit To Brick Manufacturing Plant

1th January 2018

On 13th Jan 2018, we have visited the Brick Manufacturing Plant, Ravet, as part of Concrete Technology subject, for SE Civil students along with the concern faculty member.

In this, we have visited various operations like mixing, moulding, drying, burning and transporting.

By visiting the site of plant, students are able to understand how the bricks are manufactured.

And also they got the very useful information about the bricks and manufacturing of bricks.



Session on “Preparation of GATE and ESE Exam”

2nd January 2018

Mr. Vishwas Khedkar gave brief preparation strategy to clear GATE and ESE exam.

He motivated students to start preparation in early stage.

He discussed job opportunities to Civil Engineering graduated after qualifying GATE exams such as students can take admission for PG courses in reputed institutes like IIT and NIT.

Many PSU;s like HPCL, IOCL, ONGC, AAI recruit officers on basis of GATE examination.

Furthermore he discussed his experience of UPSC ESE interview.

Moreover he cleared doubts of all studnets about examination structure.



Site Visit To Panshet Dam

20th January 2018

The department of Civil Engineering, Pimpri Chinchwad College of Engineering & Research organized an educational site visit to Panshet Dam on 20th of February, 2018 for B.E. Civil Engineering students.

The dam was constructed in late 1950s for irrigation and, along with three other dams nearby, Varasgaon, Temghar and Khadakwasla, it supplies drinking water to Pune.

The height of the dam above its lowest foundation is 63.56 m (208.5 ft) while the length is 1,039 m (3,409 ft).

The volume content is 4.190 km³ (1.005 cu mi) and gross storage capacity is 303,000 m³ (10,700,000 cu ft). It has given great experience.



Entrepreneurship Awareness Program Associated with MCED

20th February 2018

Entrepreneurship awareness program associated with MCED

Maharashtra Centre for Entrepreneurship Development (MCED) guest lecture was arranged on 20 February 2018 for 3 days by Prof. Sudarshan Bobde.

It was arrange to get familiar with MCED platform and their courses.



Engineering Geology Visit To Mahabaleshwar

25th March 2018

We visited at Mapro garden, Elephant's Head Point, Boating at Veena lake and Mahabaleshwar Market. While lining on roads of Mahabaleshwar we observed types of rocks with its different types of texture, shape, formation and colors. Mahabaleshwar has lateritic soil on most of the places. The overhanging cliffs at Elephant's head point hold a very striking similarity to the head of an elephant and its trunk; hence, the place is called the Elephant's Head Point. It has rock formation with a hole in-between it giving the structure the name Needle Hole.



"To give real service you must add something that cannot be bought and measured with money."

Mokshagundam Visvesvaraya

