



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



CIVIL INSIGHT

2019-20 II

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



Dr. Sameer S. Sawarkar

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.

- Dr. Sameer S. Sawarkar

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Site Visit to “Nagpur Metro ”

30/12/2019

Under the subject of Infrastructure Engineering & Construction Techniques, the students of TE Civil went to Pune Airport. The main aim behind this site visit was that the students have got an idea about.



Site Visit To “Constro 2020 International Expo”

16/01/2020

Constro Visit Was Organized On 17th January 2020. Constro Pune Is One Of The Biggest Shows Of Building Materials, Methods And Machinery Under One Roof. The Event Unleashes Multiple Business Opportunities To Participate In As A Result Of Shared Know-How During The Event. It Is An Information Hub Of Rapid Developments In The Industry And Also A Launch-Pad For Many New Services And Technologies In The Construction Industry. About 85 Students Visited This Constro. This Visit Gave A Huge Knowledge Including Design & Drawing Aids, Automation Products, Office Equipment, Furniture, Computers, Software Packages, Surveying & Leveling Instruments, Construction Materials, Chemical Additives, Sealants, Finishes, Sanitation, Water Supply, Landscaping, Fountains, Transportation, Power Generation, Power Transmission, Construction & Allied, Non-Conventional Energy & Energy Conservation, Material Testing Equipments, Water Resource Management Etc.



Workshop On Remote Sensing & GIS

31 January To 03 February 2020

The objectives of the workshop sessions were to enlighten the students with the latest technology Remote sensing and GIS in the civil engineering branch and Development of skills, knowledge to serve the civil engineering field. The Department of Civil Engineering organized a three days workshop on RS And GIS for civil engineering students About 26 students for three days workshop and +60 students for one day session from the Department of Civil Engineering from our college participated in the workshop. All the sessions were simple and easy to understand. Knowledge on working and application of Remote sensing and GIS with Hands on software session were indeed a great experience to all the participants. All the students actively participated in the event to make it a grand success. At end of workshop certificate distribution for students and felicitation of resource persons was done in presence of Respected Principal Dr. Harish Tiwari.



Visit to Gargoti Mineral Museum

01/02/2020

As geological studies are an integral part of any civil engineering project, the visit has invoked our interest in the subject and we got an opportunity to witness a rare collection of minerals and rocks housed in the museum. It was scheduled on 1st February 2020. 'Gargoti' The Mineral Museum is located at 32 kms from Nashik on Nashik-Shirdi highway in a small bustling town of Sinnar in the Indian state of Maharashtra. Sinnar is located at 19.85°N 74.0°E.



It has an average elevation of 651.4 meters (2135 feet). Sinnar is one of the major industrial zones of Malegaon (MIDC) built around the city of Nashik which has multiple international production companies.

Technovate Event

13/02/2020

Technical event was scheduled in Pimpri Chinchwad College of Engineering & Research, Ravet on 13th Feb 2020. About 11 technical events had been held for the engineering students. Among these, the Civil Department held 2 technical events, one of them is “TECHNO-MANAGERS” & other one is “EXPEDITION HUNT”. The participants showed their lots of love and there were unexpectedly lots of entries@ event. Both the events were done as per the rules and regulations kept by committee members. And finally the results of the event declared and distribution of certificates done to all the participants. And the winners were felicitated with the great prizes.



Site Visit to “Visvesvaraya Dam”

22/02/2020

As a part of the curriculum, students were expected to visit an earthen dam. Students were shown Visvesvaraya Dam on River Kaveri. Students were thrilled to see the auto-controlled gates and the huge reservoir of the dam. Students along with faculty spent 1 hour on the dam, asking questions to the Executive Engineer, who himself was present there to guide the students.



Field visit to “Pune & Bangalore Airport” and “Metro Station” Bengaluru

22/02/2020

Students visited Pune and Bengaluru airport from the transportation and structural engineering point of view. Students also made their maiden flight and were ecstatic with the experience. Even the airways management and passengers were surprised to see Engineering College students being taken to an excursion by airways. Students were made aware of many airport details and saw a variety of structural elements, which also added to the aesthetics of the airport. Seeing the airport and the international flights and passengers motivated the students to higher ambitions and higher dreams, which was the prime objective behind the transit using airways.



Visvesvaraya Museum Mysore

23/02/2020

This technical and cultural museum was visited by the students and faculty to know our heritage. To advance technologically, it is essential to know the progress so far and the historical marvels and hardships mankind has faced. The exhibits in the museum helped students realize the stages of evolution in technology.



Visit to Mysore Palace Mysore

22/02/2020

The monumental structures of India are the greatest legacy our ancestors have left for us. Structurally safe, architecturally convenient and aesthetically beautiful palaces are worthy of giving more than our attention and observation. One such beautiful palace was visited by the students and thoroughly studied for its architectural and structural design aspects.



Civil Engineering Webinar Series

07th May 2020 to 1st June 2020

We all are amid an extraordinary situation emerging out of the global pandemic and the consequent lockdown. With this unprecedented lockdown everything has come to an abrupt halt and the academic world is not an Exception. Because of the forced closure of educational institutions, the entire higher education system has been badly disturbed. In this type of situation e-learning has emerged as the most effective option – both for the students/ teachers as well as the college/ university management, by keeping this in mind the Civil Engineering Department at PCET's PCCOER organized a webinar series on various topics.



We are very much lucky to have a great Resources Person throughout the series. Total 19 webinars were conducted, we received great responses. In total 1615 participants were joined in this activity. Online certification on successful participation was issued to participants.

"Science is about knowing; engineering is about doing".

Henry Petroski, American engineer