



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



CIVIL INSIGHT 2019-20

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 Vishwakarmaa 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

MAGAZINE CO-ORDINATORS



Mrs. Nidhi Khare
Incharge



Mr. Soham Mancharkar
Editor



Ms. Aishwarya Taru
Member

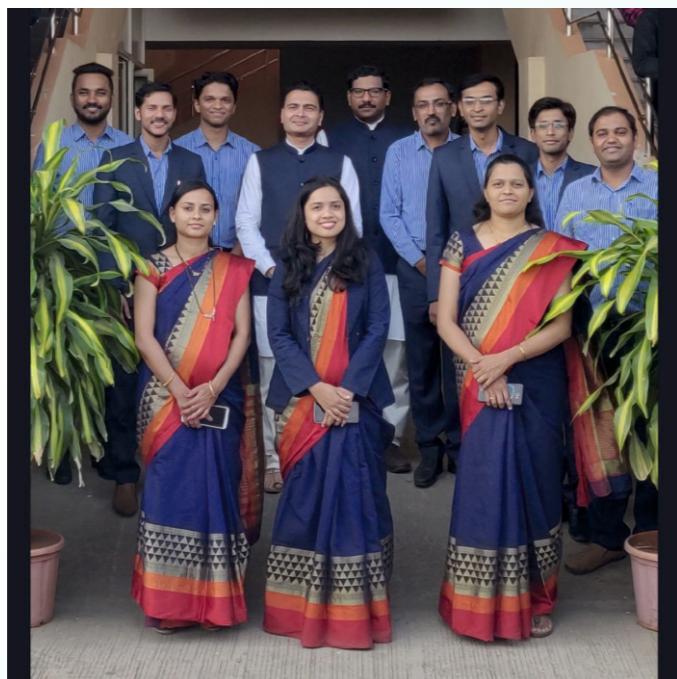


Mr. Sushant Balgude
Member

Guru Purnima

Date: 16th July, 2019

Guru Purnima is the auspicious day when Hindus celebrate to show their gratitude towards their Guru. As per the spiritual experts a Guru is someone who transforms a person with the power of his knowledge & spiritualism. It is exactly about the Teachers of civil department. Civil Engineering Student Association is always trying to follow the Indian culture and spiritual path. It was great day for all students as we are thanking, showing our gratitude towards our teachers. Honorable principal Dr. Harish Tiwari were Chief Guest of this event. It is small event in which we arranged some games for teachers and giving small gifts as our gratitude.



Tree Plantation Event at Dehu-rd Police station

13th August, 2019

Trees contribute to their environment by providing oxygen, improving air quality, climate amelioration, conserving water, preserving soil, and supporting wildlife. A small step towards making our surroundings green was taken on 13th August at Dehu-road Police station. Number of saplings were planted in the backyard of the station of different trees. Teams of various police officers with our dedicated students were made to distribute the saplings throughout the area. Saplings of trees like mango, neem, amala fruit and lemons. This step for ensuring a greener environment for the future generations was appreciated by the highly ranked police officers and they ensured us that good care will be taken of the newly planted saplings.



Teacher's Day

5th September, 2019

Teacher's day was celebrated with great joy & enthusiasm on 5th September, 2019. Teacher's Day was celebrate on account of birthday of Sarvepalli Radhakrishnan, an educationist, and also the vice president of India. A good teacher can inspire hope, ignite the imagination and instill a love of learning. Civil Engineering Student Association is always trying to follow Indian culture and spiritual path. It was great day for all students as we were thankful, showing our gratitude towards all our teachers. Honorable principal Dr. Harish Tiwari were Chief Guest for this event. It was a small event in which we arranged some games for Teachers in which they participated with great enthusiasm. Student coordinators expressed themselves through speeches and poems. Overall, this program resulted in strengthening the strong bond between students and faculty members.

Neeri Educational Visit

20th September & 21 th September 2019

Neeri(Environmental Engineering Resarch Institute) located at Nagpur was a educational tour organized on 20 & 21 of september 2019. This tour was organized to increase the knowledge and to understand the scope in Environmental Studies & Research. About 70 students visited and gained knowledge about it. National Environmental Engineering Research Institute (CSIR-NEERI) is a research institute created and funded by Government of India. It was established in Nagpur in 1958 with focus on water supply, sewage disposal, Communicable diseases and to some extent on industrial pollution and occupational diseases found common in post-independent India. NEERI is a pioneer laboratory in the field of environmental science and engineering and part of Council of Scientific and Industrial Research (CSIR). NEERI has five zonal laboratories at Chennai, Delhi, etc. This visit was really helpful and we all gained a lot of knowledge and inspiration to look further in this field.



BIM Guest Session

25th September, 2019

Guest: Mr. Amitabh Patni, (Co-founder at Stalwart BIM Studio)

A guest session was held by the Department of Civil, to enhance the software skills of the students. Mr. Amitabh Patni, Co-founder at Stalwart BIM Studio, introduced about the BIM Model and Revit Model.

He explained in detail with benefits of handling the software. The future scope of BIM in the field of civil engineering was also shared and inspired us to gain more knowledge of this new method. This session turned out to be a major guidance for students to adapt to new technological advancements in the field of civil engineering.



Constro visit

17th January 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 unleash 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 & levelling 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.



Lohagad Trek

8 Feb 2020

Lohagad trek was arranged by civil department under guidance of Dr.Sameer Sawarkar. The trek was conducted specially for Fresher students specially. Main aim of trek was a warm welcome to students with enthusiasm and also wish to give them healthier body. Even our staff had participated in this trek with full enthusiasm. About 70 students were there for trek. All the students and faculty started trek in morning 8.a.m. This trek was completed successfully.



TECHNOVATE 2K20

13th FEB 2020

Technical event had scheduled in Pimpri Chinchwad College of Engineering & Research, Ravet on 13 th Feb 2020. About 11 technical events had been held for the engineering students. Among these, 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 at event. Both the event were done as per the rules and regulations kept by committee members. And finally the results of event declared and distribution of certificate done to all the participants. And the winners were felicitated with the great prizes.



Expedition hunt

13th February, 2020

Expedition hunt was a technical event held under the umbrella of Technovate 2020 where there were about 20 plus entries for the screening test. As per rules the 3 participants from the same group individually went for the aptitude test, image identification & non-technical game. These all 3 activities were going in parallel. The time span provided for the technical treasure hunt was 25 minutes. This event started with providing 1st clue to the participant's, further they had to find out 5 clues for winning the event. With full enthusiasm and diagnostic approach the participants started the search for finding next clue.

Overall this event contributed a lot in strengthening the character of individual through communication, leadership and team work skills.



Techno Managers

15th February 2020

Techno Managers was a Technical event organized on 15th February 2020 in PCCOE&R. This event was held under TECHNOVATE2020. Event was all about the various managerial skills required in civil engineering field displayed from the start to the end of any project. In this event each group was assigned a virtual project to manage. The virtual project may include any absurd situation in which the civil engineer has to act accordingly and complete the project. The problem statement was assigned to the group. The Group has to present solution on the sheet in a creative way within stipulated time. Each group were provided with Drawing sheets and required stationary. After the stipulated time was over, each group were asked to present their solution to the panel of Judges. The most effective and creative managerial solution were announced as the winner.



Technospark's Paper Presentation

29th May and 30th May 2020

Guest – Prof. Vivek Ramchandra Kasar (Asst. Professor, Gharda institute of technology, Lavel)

Technospark paper presentation competition was an online event organized on 29th May and 30th May 2020. This event was main highlight in the COVID 19 pandemic lockdown situation which provide platform for students and researchers to showcase their research work and communication and presentation skill. About 42 groups presented their thesis and project research work through online mode and grab this golden opportunity. Selected research papers will be published in international journal with ISSN. Winner for this event was Rutuja Chaudhari from PCCOE and Runner up was Sanjay Gaikwad from KIT college, Kolhapur. Overall this event was very helpful for all participants to enhance their knowledge, presentation and communication skill.

Technospark 2020, Crack This Lockdown With Your Skills.

Major Project Competition

29th &30th May, 2020

As every final year students have their BE projects for which they are working very hard, due to this pandemic students were unable to present their research work or project through which they could win prizes and have the appreciation by experts. PCCOER arranged online major project competition which was state level in which they have to submit their one page report through the Google forms after which selection of the projects is done. According to that selected project got the chance to present their PPT in front of expert. There was huge response from all over Maharashtra.

Remote Sensing & GIS Workshop

31 Jan to 3 Feb 2020

Guests – 1) Ms. Saloni Deshpande
2) Mr. Sachidanand Sinha

Remote sensing and GIS workshop was a 4 day training workshop based on remote sensing and GIS technology organized by CESA, PCCOE&R from 31 Jan to 3 Feb 2020. The aim of this workshop was to learn application of Remote sensing and GIS in civil engineering domain. About 30 students successfully completed this workshop with great enthusiasm. Every day there were 2 sessions first session based on theory aspect of Remote sensing and GIS technology it include topics like basics of remote sensing and GIS, image enhancement, Data interpretation, Types of sensors in remote sensing etc. and second session was a training on QGIS software which include Data processing, Georeferencing, creation of maps and digital elevation model with the help of QGIS software. Overall this workshop was very helpful for our civil engineering student for their project work and future also.

