

Civil-@-Feedika

A CIVIL ENGINEER'S MONOLOGUE - FEBRUARY 2022



VOLUME : 03 , ISSUE :07

Department of Civil Engineering

VISION

To be a recognized centre for moulding technically competent and socially committed Civil Engineering professionals through quality education and practical training.

MISSION

To impart quality education in Civil Engineering by integrating theory and practice, keeping pace with emerging technologies.

To encourage students to take up innovative research projects that can benefit the society.

To mould competent professionals upholding sustainable practices, ethical values, leadership qualities and lifelong learning capabilities.

Programme Educational Objectives (PEOs)

Graduates will be able to:

Apply engineering knowledge to execute infrastructure projects in compliance with codes of practice.

Employ software packages to plan, analyze, design and schedule various Civil Engineering projects.

Comprehend societal needs for sustainable development and attain optimal solutions ethically through team work, research and lifelong learning.

Programme Specific Outcomes (PSOs)

Graduates will be able to:

Apply technical knowledge and skills to develop sustainable solutions in the Civil Engineering domain.

Manage Civil Engineering projects ethically to optimise cost, time, quality and safety.

Use contemporary tools in the field of Civil Engineering to meet the industrial needs.



Civil-D-Feedika

A CIVIL ENGINEER'S MONOLOGUE ISSUE SEVEN - FEBRUARY 2022

3D Printing Workshop

Page 2

AutoCAD Training

Page 3

Site Visit

Page 3,4

Placement

Page 5



CONSULTANCY

As the first step, Civil Engineering Department, CCE conducted land survey for the proposed Municipal Complex at Irinjalakuda.



3D design of new municipal complex the same was made possible under the efficient leadership of Angitha miss, Jestine sir, Geo Sir and Antony sir

Aslam V.A, Nishikanth K.S, Sreekanth S. Pillai and Albert George (S5 CE students) handed over the report to Ms.Sonia Giri (Municipal Chairperson) on February 8, 2022. Mr. T.V. Charlie (Municipal Vice Chairman)and Mr.Jaison Parekadan (Chairman,PublicWorks) graced the occasion.



3d Printing Workshop

3D Printing Workshop

The Department of Civil Engineering in association with IEDC-CCE conducted a hands-on 3D Printing Workshop on the 23rd of November 2021. The workshop was exclusively organized for the 5th semester civil engineering students, and the resource persons from Astrek Innovations included Mr. Robin Kanattu Thomas (Co-founder), Mr. Sidharth Sivadasan (Product Designer), and Mr. Vishnu Sankar (Head of Partnerships).

The workshop was commenced formally at 9:30 am, and the whole class was divided into six groups of ten members each for ease of functioning. The class was initially shown some previously printed models, in order to touch and feel the texture and detailing. The simulations of the models were then designed on the web in a platform called Tinkercad, in which the tools were familiarized to each and every student attending the session. The students were able to sketch, project and create in their respective laptops on their

own, owing to the proficiency of resource persons involved. The workshop explained the particulars of 3D printing and the internal processes involved during the production

of an object. Topics spanning from the materials used, time required and the durability of products were discussed in detail apart from the hands-on experience. At the end of the day, each group had to present their own model from a marketing point of view, which helped deepen the perception regarding utility of models. Afterwards, the best model was printed in front of the whole class. Each stage of printing was demonstrated painstakingly to attain enhanced comprehension.

The session wined up by 4:30 pm on a grateful note by Dr. Krishnapriya M. G., head of the Department of Civil Engineering, Christ College of Engineering. The day surely proved to be immensely productive for the entire class and thereby received excellent feedback for the level of understanding and perception gained during the entirety of the workshop.



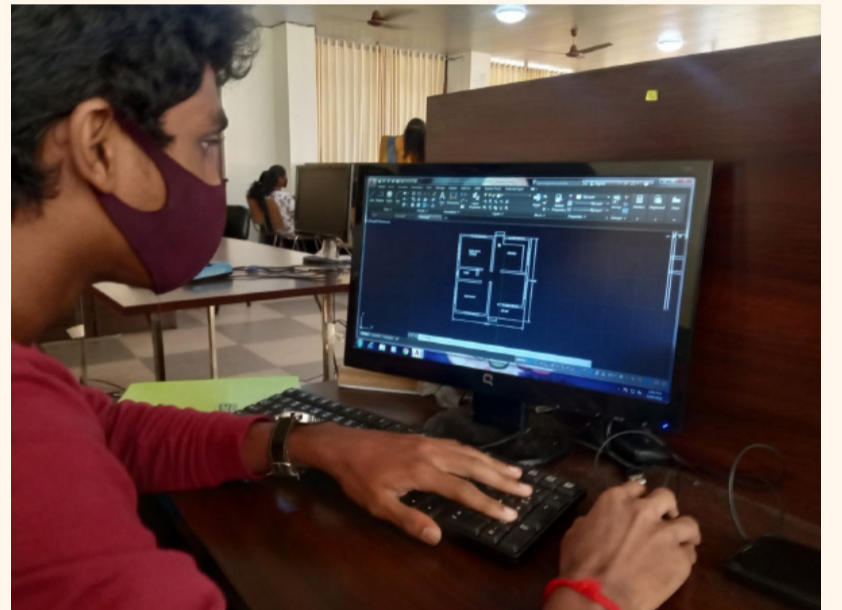


AutoCAD TRAINING



1-day hands-on training on AutoCAD was conducted for the first year students of Civil Engineering Department on Dec 8, 2021. Resource person was Ms. Riya Joseph, Asst professor, Department of Civil Engineering. There were 38 participants. Award was given for the best drawing and students were benefitted by the session

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Site Visit-1

As a part of industrial training, site visit to Kochi metro construction as well as casting yard was organised on 2/11/2021. A detailed session on the project was taken by Mr. Arun Kalarikal. Faculty members accompanied - Dr. Krishnapriya M. G. and Ms. Vinitha Sharon



List of students attended - Vaishnav Menon T, Ameen Zaman K S, Telvin Francis, Sooryadevkishan P S, Amal K Santhosh, Salwin Joseph, Ashik Suresh, Sayooj Rajesh, Acquin Francis, Aghesh T P

SITE VISIT

2



The visit to construction site at court complex, Irinjalakuda was conducted by department of civil engineering from christ college of engineering on Tuesday, 2nd November, 2021. A crew of 40 students of final year headed by faculty members Dr. Jino John, Ms.Riya Joseph, Ms.Teena Johnson were the part of visit. A small briefing regarding the requirements of construction were detailed by Rajan K.P (Site Engineer) .Then the team was headed by the site engineer and he gave the overview about the construction works and its progress. The detailing was given step by step by

the engineer. The requirement of court complex was explained initially, later he went on explaining in detail about each and every room floor by floor. The construction of evidence and storage room, retaining wall, pile foundation, concreting, shuttering, formwork, vertical wall etc. were explained in depth.



CIVIL ENGINEERING QUOTES

Engineering is the art of directing the great sources of power in nature for the use and convenience of man.
— Thomas Tredgold



CIVIL FACTS



Concrete is Never Dry

As a civil engineer, I probably love concrete a little too much. It is gray and mushy, then it soon turns into strong rock. If that's not what love looks like, then I don't know what is. In all seriousness though, we know how dry concrete is at certain points in its curing cycle. We also understand that concrete technically continues to dry and strengthen over its entire lifespan.

PLACEMENT UPDATES

PLACED AT



Malavika Sinsukumar
S8 CE (2018-2022)

PLACED AT



Ann Mary Baby
S8 CE (2018-2022)

PLACED AT



Maria Jerry
S8 CE (2018-2022)

PLACED AT



Bhadra Vinod P
S8 CE (2018-2022)

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Sona Bose
S8 CE (2018-2022)

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Rosina Shaji
S8 CE (2018-2022)

PLACED AT



Sreelakshmi C. D.
S8 CE (2018-2022)

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