About

The department of civil engineering was established in the year 2011. Initially, the department was working as a support for other engineering branches and offered Basic Civil Engineering, Engineering Mechanics and Engineering Graphics for the first year students and Strength of Materials Theory and Practical for Mechanical Engineering students. The department offers B.Tech programme in Civil Engineering and M.Tech programme in Structural Engineering. The department oaths to the mission to create enthusiastic and professionally committed young graduates by emphasizing the importance of moral and ethical values. Currently, Ms. Divya K.K. heads the department and well-equipped lab facilities and a team of qualified faculty with ample experience is the highlight of the department.
VISION
To become a center of excellence for quality education and grooming eminent civil engineering professionals with due care of social responsibilities

MISSION
• To create enthusiastic and professionally committed young graduates by imparting quality technical education emphasizing the importance of moral and ethical values
• Educating, inspiring, and mentoring students to develop creativity and innovative research capabilities
• To interact with industries to provide a knowledge base for existing and emerging technologies

A FEW MESSAGES

Principal’s Message
My heartiest congratulations to the Department of civil engineering, in bringing out newsletter portraying the academic and non-academic activities of their department. In the era of outcome based education empowering students in the thrust area to be addressed in a professional institution. And I am happy to know that CE department is moving towards the goal. I extend best wishes to the supporting faculty teams of CE department in their upcoming endeavor.

From HoD’s Desk
It gives me immense pleasure that we are launching the third edition of Design Line. I take this opportunity to congratulate all those who have put efforts to make this possible. The field of Civil Engineering is one of the most promising career lines for the students today, be it in the field of design, construction or research. In future we expect to carry out similar consultancy studies in the other fields of Civil Engineering such as Structural and Geotechnical Engineering. It is with happiness and pride that we witness the growth of our Department. Let us hope and contribute towards its bright future.

Message from the Editor
We the students of VVIT has immense pleasure in launching the third edition of our department newsletter and I am really honored to have been chosen to design it to the best of my ability. We would like to take this opportunity to thank everyone who contributed to the edition of this newsletter. This issue exhibits some of our finest achievements, news about the department and lots more. So sit back and witness the splendid journey of our department. Please feel free to bring any comments, suggestions or new stories to our attention for future editions.
ICI – VVIT CHAPTER INAUGURATION

The Indian concrete institute (ICI) which imparts training to working professionals in changing technologies in concrete construction and promotes research work in concrete technologies, also publish journals on research findings and newer technologies and findout solution for practical problems was introduced to Vedavyasa Institute of technology in association with department of civil engineering. This ICI-VVIT chapter was inaugurated on 14th of February 2020 by Er. Sajith Bhaskar, the secretary of ICI-Calicut unit. The inauguration was successful with the presence of several Engineers, teachers and students from different parts of Kerala. The inauguration was followed up by techtalk conducted by ICI, Cadd centre and BIMLABS, and later a cube contest was conducted for the students.
RELEASE OF NEWSLETTER
JANUARY 2020

The newsletter which showcased the activities of the odd semester was released on 14th February, 2020 after the inauguration of ICI VVIT Chapter. It was released by Dr. Sangheethaa S., Principal and the newsletter was handed over to the chief guest Er. Sajith Bhaskar, Secretary, ICI Calicut Centre.
The technical session on Concrete Mix Design using IS10262:2019 was given by Er. Sajith Bhaskar and Er. Rabish, Ultratech Cements Pvt. Ltd. gave an introduction to new building materials. Both the sessions gave an insight to the application of theory to practice and it’s indeed a good informative session for the engineers, faculties and students.

A technical session on 3D printing technology was delivered by Er. Ahammed Bin Zacharia, CaDD Centre, Link Road. It’s a demonstrative session and its enjoyed by the participants.
CUBE CONTEST

The zonal level cube contest conducted as a segment of inauguration of ICI-VVIT Chapter was more appealing on that day. The candidates were turned into certain groups and sorted out by conducting a preliminary Exam, the high scored groups were selected to the cube contest. The selected groups itself calculated the mix proportion and cast three cubes and then kept it for 28 days of curing. The winners were announced after 28 days of curing followed based on compressive strength and workability of concrete cube specimens.
Mock entrance exam for Plus two STUDENTS

A mock entrance exam was conducted for the Plustwo Students for preparing them to face the entrance exam for engineering and also which helps them to evaluate their knowledge during the second week of May, 2020. The questions were prepared by the students in google forms and checked by the faculties in the department.
WEBINAR ON MODERN TRENDS IN CONSTRUCTION INDUSTRY

The webinar which deals with the innovative present trends in Civil Engineering Construction sector by Dr. Anil Joseph, MD, Geostructural Pvt. Ltd. was held by ICI-VVIT chapter on May 16th with more than 250 registrations in the Gotowebinar platform. It’s a webinar conducted for faculties, students and working professionals. The speaker shared his own experiences in the construction industry and its very beneficial for the participants.
As the Pandemic Covid-19 Shifted all of us to online mode, the department of civil engineering conducted an one week Webinar on the topic “Industrial relevance of Structural and concrete technology” in association with ICI, Calicut Centre from May 25th to May 31st, 2020. The webinar was Packed with participants for every sessions. The Major highlights of the Webinar were the Talk sessions by various professionally skilled speakers.

May 25th Monday the session was on “How to reinforce the concrete” by Dr.P.R Sreemahadevan Pillai, Dean, University of Calicut and Director of Ahalia group of institutions. The next day on May 26th Tuesday the talk was about “Structural design and engineering” by Er.Sujisha.V, Asst Manager and Head of civil and structural engineering BIMLABS Pvt. Ltd. On May 27th, Wednesday Er.Shyju Nair took a session on "Concrete past, present and future. He is the CEO of DH Academy Cochin. The Next day, May 28th Thursday Er. Parvathy Unni of SMECLABS Pvt.Ltd. took a session on “Quality management system”. On May 29th Friday the session was about “Transport mechanism and durability testing in concrete”, by Dr.B.S.Dhanya, Associate Professor, RIT, Kottayam. On May 30th Saturday, the session was about “Preparation of approval drawing” by Er.Sameera Salim, Senior technical engineering, BIMLABS, and the last day of webinar on May 31st Sunday, Er.Dhanya K.K., Senior Manager of Infra Projects limited, Cochin Shipyard Ltd., took a session on “Introduction to Marine Structures – case study on the construction of Quay wall in Cochin Shipyard Ltd”.

Every Session was information and interesting to whole participants and also every speakers provided Q and A sessions for participants to clear their doubts. There was a registration of around 300 participants and everyone was equally interactive.
SPEAKERS FOR THE WORKSHOP
SNAPSHOTS OF THE WORKSHOP
Workshops/Webinars Attended

- Every staff in the department attended more than five webinars in the field of civil engineering.

- Students have attended the webinars conducted under the ICI Calicut Centre and in the field of civil engineering.

- Ms. Divya K.K., Ms. Bhagya Gopalakrishnan attended the webinar offered by UBA.

- Final year students are attending online coding courses and have received the certificate of participation.

Achievements

- Ms. Divya K.K. received the SPOC onboarded badge from NPTEL in the local chapter login.

- Ms. Divya K.K., and Ankith (M.Tech student) published paper on “Performance of reduced beam sections in irregular beam column connection” in Scopus indexed journals (IJRASET).

- Ms. Salfa, S8 student has been shortlisted as District Program Manager to work in the COVID-19 Internship.

- Procedures for signing MoU with BIMLABS Pvt. Ltd. and DH Academy, Kochi have been completed and will soon receive the MoU certification.
PHOTO GALLERY

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