

CIVIL-O-PEEDIKA

A CIVIL ENGINEER'S MONOLOGUE



RECEPTIVE ASSOCIATION OF CIVIL ENGINEERS

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

1. To impart quality education in Civil Engineering by integrating theory and practice, keeping pace with emerging technologies.
2. To encourage students to take up innovative research projects that can benefit the society.
3. To mould competent professionals upholding sustainable practices, ethical values, leadership qualities and lifelong learning capabilities.

Programme Educational Objectives (PEOs)

1. Apply engineering knowledge to execute infrastructure projects in compliance with codes of practice.
2. Employ software packages to plan, analyze, design and schedule various Civil Engineering projects.
3. Comprehend societal needs for sustainable development and attain optimal solutions ethically through team work, research and lifelong learning.

Programme Specific Outcomes (PSOs)

1. Apply technical knowledge and skills to develop sustainable solutions in the Civil Engineering domain.
2. Manage Civil Engineering projects ethically to optimise cost, time, quality and safety.
3. Use contemporary tools in the field of Civil Engineering to meet the industrial needs.



CHRIST
COLLEGE OF ENGINEERING
IRINJALAKUDA

Affiliated to KTU | Approved by AICTE | www.cce.edu.in

CIVIL-O-PEEDIKA

A CIVIL ENGINEER'S MONOLOGUE

ONLINE COURSES

*Quest for knowledge
never ends !*

Page 2

BINGE WITH RACE & RIGHT UP MY ALLEY

Page 3

SITE VISIT

*Experience the
practical perspective !*

Page 4

CONSULTANCY

Anaswara K.M., Ajanya Augustin, Alsumaina K. N. and Sruthi P. (students of S7 CE) prepared the architectural plan of residential building proposed for Mr.Girishankar (Chalaky). They carried out site survey, functional planning, preparation of drawings and estimation for the project under the guidance of Asst. Prof. Prabhasankar V. P along with lab instructors Antony P. T. and Geo Paul K.

**Forming
independent
professionals
rendering
engineering
services for a
client !**



*"Any project, no matter
how big or small, will
face problems. An
engineer must be able to
effectively address these
as they arise"*

SMART LPG MONITORING SYSTEM AND PCP ROBOT

Projects named 'Smart LPG Monitoring System' and 'PCP Robot' (Plastering, Painting and Curing robot) by Bestin Biju, Manu E.P. and Shihans M.S. (Students of S5 CE) were shortlisted in the first round of NIDHI-PRAYAS scheme by Technology Business Incubator (TBI), National Institute of Technology, Calicut. Assistant Professors Mr. Prabhasankar V.P. and Ms. Angitha Sasidharan were the mentors of the projects.

National Initiative for Developing and Harnessing Innovations (NIDHI) is an umbrella programme conceived and developed by the Department of Science & Technology, Government of India, for nurturing ideas and innovations into successful startups. NIDHI - Promotion and Acceleration of Young and Aspiring Technology Entrepreneurs (NIDHI-PRAYAS) is the scheme that focuses on addressing the idea to prototype funding gap.



ONLINE COURSES

eLearning offers complete flexibility, and users can study at their own pace.
Learners can set the study time for as long as they can concentrate !

Students attended the following online courses offered by IIRS, NPTEL, Coursera etc.

GIS AND REMOTE SENSING

INTRODUCTION TO GIS

MANAGING PROJECT RISKS AND CHANGES

VR AND 360 VIDEO PRODUCTION

INTRODUCTION TO COMMUNICATION SCIENCE

BASICS OF GEOCOMPUTATION AND GEOWEB SERVICES

MASTERING BITUMEN FOR BETTER ROADS AND INNOVATIVE APPLICATIONS

MECHANICS OF MATERIALS

ARTIFICIAL INTELLIGENCE

LEADERSHIP AND EMOTIONAL INTELLIGENCE

GLOBAL ENVIRONMENTAL MANAGEMENT

INTRODUCTION TO SUSTAINABILITY

WATER RESOURCES MANAGEMENT AND POLICY

INTRODUCTION TO AR AND AR CORE

RENEWABLE ENERGY AND GREEN BUILDING ENTREPRENEURSHIP

INTRODUCTION TO PYTHON

INTRODUCTION TO ARCTIC CLIMATE

3D CAD FUNDAMENTAL

INTRODUCTION TO SATELLITE COMMUNICATION

ADVANCES IN SAR - POLARIMETRY AND INTERFEROMETRY

BASICS OF GEOCOMPUTATION AND GEOWEB SERVICES



**QUEST FOR KNOWLEDGE
NEVER ENDS !**

On 12th November 2020, Binge with RACE featured a very special and long awaited guest, Mr. Vishak Nair, well-known for his portrayal of 'Kuppi' in the malayalam movie 'Aanandam'. It was a fun and lively session on google meet with light banter, rapid fire round and other quirky games. Alfin David (S7 CE) and Mila Rose Peter (S5 CE) hosted the session. After three episodes, the program took a short hiatus only to return back to its momentum with a live episode featuring two guests Mr. Sreejith S. and Mr. Govind P., well received for their travel vlogs, food reviews and many more ! They were interviewed by Mila Rose Peter, Malavika Sinsukumar and Rosina Shaji (S5 CE) and the episode came out to be the most interactive session.




BINGE WITH RACE

Binge with RACE continued the entertaining episodes to break the monotony of academic hours. The fifth session aired on 2st December 2020 featuring Mr. Ubaid Ibrahim, popular Youtuber well known by the name 'King of Trolls' ! He shared his experience of creating trolls that educate and subtly chastise the community in a refreshing manner. The live chat show was hosted by Anns Prince and Malavika C.A. (S3 CE) and was eminently received by the student community.

What initially began as a coping up mechanism to have live interaction during lockdown, turned up as prudent events organized solely by students. It was successful with the efforts by the array of technical team, editing team, content creators, hosts and publicity team.

Christ College Of
Engineering Irinjalakuda

RIGHT UP MY ALLEY




Live Session With :
JOHNSON JOSEPH
Director, Feat Technical Services (P) Ltd,
Cochin.

- Planning ,Designing,Tendering And Project Management Of Various Civil Works.
- Tendering And Project Management Of Dairy Projects.
- Tendering And Project Management Of Housing Projects.
- Project Management Of 400 KV Sub Station Project.

DEC 5
(sat) 2020

5:00 PM



CCE ALUMNI ASSOCIATION CHRIST COLLEGE OF ENGINEERING

Since its inception, Right Up My Alley helped students to catch a glimpse of real industrial scenarios, and its latest episode was not an exception. On 5th December 2020, students got the opportunity to interact with Mr. Johnson Joseph (Director - Feat Technical Services Pvt. Ltd., Cochin), a seasoned professional in the field of civil engineering with a work experience of 35 years. In the online session, he shared invaluable pieces of wisdom amassed from his own experience. regarding initial struggle and gradual rise, mannerisms to be followed in the industry and the essentials requirements for engineers to secure job of their choice. Students were also enlightened with the practical aspects of planning, tendering and project management. The session was very constructive both in terms of content and quality.

RIGHT UP MY ALLEY



A hangar is a closed building structure to hold aircraft or spacecraft. On 8th December 2020, a group of students from S5 CE and S7 CE observed the fabrication and installation of Hangar door which is a part of Maintenance, Repair and Overhaul (MRO) facility in Cochin International Airport Limited. The team was guided by Asst. Prof. Angitha Sasidharan. The visit was facilitated by M.D. Esthappan Infrastructures Pvt. Ltd. Angamaly.

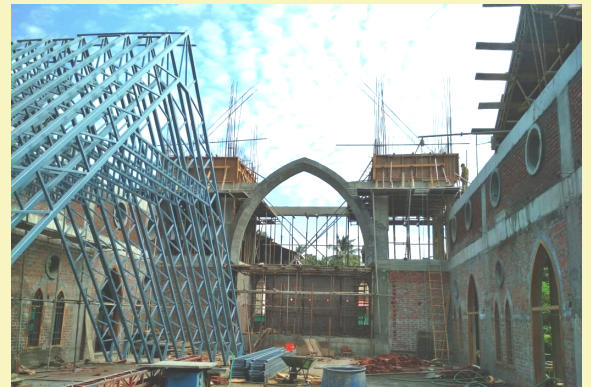


SITE VISITS

We moved beyond regular academics to get practical perspective of the world of work !

On 3rd January 2021, a group of S7 students visited the library building extension work at St. Thomas College, Thrissur under the guidance of Asst. Prof. Angitha Sasidharan. They also visited the construction site of Ebenezer Mar Thoma Church at East Fort, Thrissur.

Mr. Sasikumar Therayil (Structural Consultant, Thrissur) discussed the details of truss work, steel sections used in staircase, circular columns, arches made of timber and RCC etc.



STAFF ACHIEVEMENTS

- Asst. Prof. Fr. Joy P. V. received NPTEL 'ELITE' certification for the 8 week course 'Design, Technology and Innovation' authorized by IIT Bombay (Sep. - Nov, 2020)



- Asst. Prof. Vinitha Sharon received NPTEL 'ELITE' certification for the 12 week course 'Integrated Waste Management for a Smart City' authorized by IIT Kharagpur (Sep. - Dec, 2020)

EDITORIAL BOARD

Designer: Sooryadev Kishan P S (S5 CE, 2018-22 Batch)

Editors: Rosina Shaji, Malavika Sinsukumar (S5 CE, 2018-22 Batch)

Faculty-in-Charge: Ms. Angitha Sasidharan, Mr. Midhun M. S.