



DEPARTMENT OF

CIVIL ENGINEERING

NEWSLETTER

JULY 2018-JUNE 2019

DEPARTMENT VISION

To induce futuristic approach through technical and moral obligations by equipping individuals with paramount capability to build, upgrade and maintain a sustainable society

DEPARTMENT MISSION

- ❖ Exploitation of eminent academicians for technology based learning
- ❖ Deployment of Scholastic resources for state-of-the-art Creators
- ❖ Implementation of Holistic growth through continual evaluation

Programme Educational Objectives (PEOs)

PEO1

Become competent and engaged engineering professionals,

skills to analyze and design systems, specify project methods and materials, perform cost estimates and analyses, and manage technical activities in support of civil engineering projects.

PEO2

Get initiated to an active program of lifelong learning, including studies leading to an advanced degree in engineering that provides for continued development of their technical abilities and management skills, and enhancement of professional expertise.

PEO3

Achieving communication skills in oral, written, visual and graphic modes which is highly essential to actively participate in

their communities and their profession.

PEO4

Creation of a sense of professionalism, ethics, quality performance, public policy, safety, and sustainability that allows them to be professional leaders and contributors to society when solving engineering problems and producing civil engineering solutions.

PROGRAMME OUTCOMES (POs)

- ❖ Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- ❖ Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- ❖ Design/development of solutions: Design solutions for

complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- ❖ Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- ❖ Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- ❖ The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities

relevant to the professional engineering practice.

- ❖ Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

- ❖ Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice

- ❖ Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

- ❖ Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

- ❖ Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.

- ❖ Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PACE ACTIVITIES

- ❖ The Progressive Association of Civil Engineering (PACE) conducted Technical Talk on 20th January 2018 for S4 and S6 Civil Engineering students on “New Generation Concrete” by Mr. Thomas John, Head of Department, Civil Engineering, Maharaj's Technical Institution, Thrissur.



- ✓ The Progressive Association of Civil Engineering (PACE) conducted a Technical Talk on 16th and 17th February 2018 for S6 and S8 Civil Engineering students on “Earthquake Resistant Structures” by Dr. T. P. Somasundaran, Retired Professor of Civil Engineering, NIT Calicut and Adjunct Professor of Civil Engineering, SCET and Academic Council member, SCET.
- ✓ Student Association of Civil Department conducted two events “ Eternal Glory and Contraption” as a part of KETCON AND TEKON 2018.



- ✓ On 17th of May 2018, a seminar was conducted for S6 students by HIMMA International Academy



- ✓ PACE conducted technical event on 14th September 2018 based on the topic 'Disaster Mitigation' after unprecedented flood which occurred in Kerala during August 2018. So the objective of the technical event was to conduct an 'Idea contest' which provide a platform for students to incorporate theoretical knowledge and practical

experience for the betterment of society. A total of eleven teams participated and they all presented potential ideas for disaster mitigation. A team was selected for best idea worth a prize of cash reward Rs. 1000 and the runner up team won second prize worth Rs. 500.

- ✓ Department Day was conducted for Civil Engineering students in the afternoon session (1.00 p.m. – 4.00 p.m.) of 20th March 2018.



PROJECTS & AWARDS

- ✓ Jennifer Laly John, Neha P A, Anju Vincent, Adheena Jose and Anuvind I R of S8 CE got a fund of Rs 2 Lakhs

from KSCSTE on idea day competition 2018 FOR Project Topic ‘Brown field management’.



- ✓ Akhil Jose, Manuel Jose, Eldrix Helder and Antony Kollannur of S8 CE got grant of Rs10,000 from KSCSTE and the project was short listed for TEKON 2018 for Project Topic ‘Manufacture of Paving Stones’.



- ✓ Civil Engineering Department conducted a workshop on “BUILD THE CHANGE YOU WANT TO SEE IN THE WORLD” for plus two students on 1st June 2018. The resource

persons were Mr. Eldho Thomas, Assistant Engineer, Kerala State Housing Board, Thrissur and Mr. Emanuel Chirayath, former staff, SCET.

✓ Associative Professor Davis P C delivered a talk on “ Need of sustainable projects in the environment” on 5th June 2018.



SEMINAR AND TRAINING PROGRAMMES ATTENDED

- Mrs. Rosmy Davis attended and International Conference on cooperatives in the changing world at IIM Kozhikode from April 29 to May 1 2018.
- Ms. Remya P M and Ms. Anjana R Menon attended a six days workshop on Construction automation and Robotics at IIT Madras from May 11 to May 16, 2018.

- Mrs. Shini Shanmughan attended a five day Faculty Development Programme in “Advances in Structural Engineering” during June 4 - 8, 2018 in collaboration with APJ Abdul kalam Technological University at Vidya Academy of Science and Technology, Thalakkottukara.

- Mrs. Reshma Antony and Mrs. Anjana Joy attended a National Level 6 day Faculty Development Programme on “Engineering Simulations with ANSYS” from 2nd to 7th July 2018 at Rajagiri School of Engineering and Technology (RSET), Kakkanad, Kochi

FACULTY EXCELLENCE

- Mrs. Reshma Antony and Ms. Remya P M enrolled for PhD (Part-time) at School of Engineering, CUSAT.

- Ms. Anjana R Menon got admission for (PhD Regular) at NIT, Calicut.



ACADEMIC EXCELLENCE

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- The fifth semester results of 2015 B.Tech batch were announced and the topper is Gopika Krishnan with SGPA of 9.43

Thahzi

Thahzin Rasha V R
SGPA 9.91

Jeffy Johny
SGPA-8.53

- The third semester results of 2016 B.Tech batch were announced and the toppers in CE branch is Jismol Jose with SGPA of 9.11.

- The First semester results of 2017 B.Tech batch were announced and the toppers in CE is Thahzin Rasha V R with SGPA of 9.91

- The 8th semester B.Tech results of the 2014 admission batch were announced. The topper is with SGPA of 8.53.



Gopika Krishnan
SGPA-9.43



Jismol Jose
SGPA-9.11