

# NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING

SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY



JULY 2020- DEC 2020

VOLUME 4

## DEPARTMENT VISION

To be a Centre of excellence to mould technically competent Civil Engineers with high caliber and ethical values to serve the society.

## DEPARTMENT MISSION

- To provide technical expertise with strong emphasis of professional ethics and social commitment.
- To mould competent Civil Engineers to take up the challenges in the field of Civil Engineering
- To encourage students for pursuing higher education and research.
- To undertake professional consultancy services in diverse areas of Civil Engineering

## FACULTY ACHIEVEMENTS

- Ms. Sujana R published paper on ‘Analysis of PVD with Vacuum and Surcharge’, book chapter in Advances in Civil Engineering, Lecture Notes in Civil Engineering, Springer, Volume 83,2020, pp 407-412
- Mr. Ciby Jacob Cherian published paper on Response control of shear building model for ground motions using tuned mass damper and track nonlinear energy sink - an experimental study’, Journal of Structural Engineering, Vol. 47, No. 4, October - November 2020
- Ms. Reshma Antony published a paper on Flood Hazard Assessment and Flood Inundation Mapping—A Review, Lecture notes in Civil Engineering, Vol 104. Springer, Singapore, published online on 21 November 2020.
- The research proposal of Ms. Remya P M and Mr. Ciby Jacob Cherian on the topic “Development of high-performance concrete prepared with partial replacement with cupola furnace slag from molten scrap metal and copper slag with focus on strength and durability” is selected under FRSG – II.
- The research proposal of Mr. Akhil S Nair and Ms. Aiswarya M S on the topic “Effect of GGBFS and Copper slag on Durability and Flexural behavior of self-compacting Concrete” is selected under FRSG - II

**SPECIAL EVENTS  
& ACHIEVEMENTS**

❖ **SAHRDAYAM 19:** A newly built home for Smt. Karthu, Vellatil House Karur, Kodakara costing 5.5 lakhs has been completed. Key was handed over by His Excellency Mar.Poly Kannukkadan in the presence of Kodakara Grama Panchayat President Shri.Prasad and other Executives on 22nd July,2020.



❖ **SPEAKATHON:** As part of International Anti-corruption day. Institution of Engineers India (Sahrdaya civil chapter) commemorated “Speakathon” online speech competition for Sahrdaya students and winners were awarded with prizes.

❖ **POSTER DESIGNING:** As part of Energy Conservation day. Institution of Engineers India (Sahrdaya civil chapter) commemorated “Poster Designing Competition” for Sahrdaya Civil students and winners were awarded with prizes.



❖ **RACE2020:** 5day Faculty Development program on “Recent Advancements in Civil Engineering- RACE2020” was from conducted 28/12/2020 to 01/01/2021. The participants include faculties from other institutions.

- ❖ The first student chapter of IEI in SCET was started by Civil Engineering Department in 2019. The IEI Civil Engineering chapter have taken initiatives to conduct several technical events and programs in the college since inception.

## IEI EXECUTIVE MEMBERS



- ❖ In this year during pandemic online events such as Speakathon and poster making competition was conducted. The poster designing was on the theme energy conservation and Speakathon was a speech competition on the topic corruption. The winners were announced and warded with the prizes


**STUDENT  
ACHIEVEMENTS**
❖ **PLACEMENTS**

Athulya Philo Joseph  
INFOSYS



Muhammad Adhil  
CIDBI TRAINEE



Jithin Antony  
NETZA Technologies

❖ **HIGHER STUDIES**

Jithin P U



Aaron D P



Nithya Baby



Athira V



Sandra joseph

❖ **S8 TOPPERS:**

Jithin P U  
SGPA- 9.7



Anju Thomas  
SGPA- 9.6



Anumol N J  
SGPA- 9.6



Jismol Jose  
SGPA- 9.6



Rose Mary  
SGPA- 9.4



Ashik Jose  
SGPA- 9.3



Sudeesha  
SGPA- 9.3



Sr. Mable Mary  
SGPA- 9.3



Fini Joby  
SGPA- 9.2



Akhila Suresh  
SGPA- 9.1



Meenu Ajith  
SGPA- 8.9



Sandra Joseph  
SGPA- 8.9


**FDP, WEBINARS,  
TRAININGS ATTENDED  
BY FACULTIES**

- Prof. Sunny C P and Ms. Ragi C Ravindran attended Course on Outcome Based Education Software organized by Vmedulife Software Services on 4<sup>th</sup> July, 2020.
- Prof. Sunny C P and Ms. Sujana R attended ta 5days FDP on ‘Professional Ethics’, organized by Civil Engineering Department of Providence College of Engineering, Chengannur from 10th to 14th August,2020
- Ms. Reshma Antony, Ms. Ragi C Ravindran, Ms. Haritha C R, Ms. Sujana R, Ms. Aiswarya M S, Ms Remya P M, Mr. Akhil S Nair, Mr. Ciby Jacob Cherian attended AICTE STTP on Outcome Based Education arranged by ECE Department, SCET Kodakara.
- Prof. Sunny C P, Ms. Reshma Antony, Ms. Ragi C Ravindran, Ms. Haritha C R, Ms. Sujana R, Ms. Aiswarya M S, Ms Remya P M, Mr. Akhil S Nair, Mr. Ciby Jacob Cherian 5 Day FDP was conducted on Recent Advancements in Civil Engineering (RACE 2020) 28<sup>th</sup> Dec2020 to Jan 1<sup>st</sup> 2021
- Ms. Ragi C Ravindran, , Ms. Sujana R, Ms Remya P M, and Ms. Reshma Antony attended online training session on “THE ROLE OF DIGITAL LIBRARIES IN ONLINE LEARNING ENVIRONMENT DURING THE PANDEMIC” (EBSCO Research Databases and IEEE Xplore Digital Library Training) organized by Sahrdaya College of Engineering Technology, Thrissur on June 19th 2020.
- Ms Remya P M attended the STTP on “Modern Materials and Structural Systems for Resilient and Sustainable Infrastructures” organised by the Department of Civil Engineering, TKM College of Engineering and sponsored by TEQIP-II held from 21st September 2020 to 26th September 2020 and completed an online course on “The science of well-being” authorized by Yale University and offered through Coursera, certificate issued on 19<sup>th</sup> June 2020
- Ms. Aiswarya M S attended Webinar on, “Opportunities In MGNREGS For Civil Engineers “on 29th July 2020, by Dept. of Civil Engg., MEA College of Engineering, Perinthalmanna and “SPACE 2.0”, organized by Dept. of science St. Joseph’s college of Engineering, Chennai on 25<sup>th</sup> July 2020
- Ms. Ragi C Ravindran attended the TEQIP-3 sponsored Short-Term Course on ‘Machine Learning and Its Applications to Civil Engineering’, organized by the Department of Civil Engineering, National Institute of Technology, Srinagar from 2nd Nov to 6th Nov 2020, and online non-credit course on Communication in the 21st Century Workplace’, authorized by University of California, Irvine and offered through Coursera, certificate issued on 12th August, 2020
- Ms. Aiswarya M S attended, Online Short-Term Training Program (STTP) on “Civil Engineering: Today and Tomorrow”, organized by the Department of Civil Engineering, NSS College of Engineering on 10<sup>th</sup> to 14<sup>th</sup> August 2020
- Ms. Ragi C Ravindran and Ms. Aiswarya M S attended Webinar on ITS APPLICATIONS UNDER HOMOGENEOUS AND MIXED TRAFFIC CONDITIONS organized by Department of Civil Engineering, Thrissur in association with Indian Society For Technical Education (ISTE) on 6th August, 2020
- Ms. Aiswarya M S and Ms. Remya P M attended Webinar on CONCRETE: PAST, PRESENT & FUTURE organized by Department of Civil Engineering, Jyothi Engineering College, Thrissur in association with ICI STUDENT CHAPTER on 24<sup>th</sup> June, 2020

## FDP, WEBINARS, TRAININGS ATTENDED BY FACULTIES

- Ms. Haritha C R attended Indo-Canadian Workshop on “Interactive Design in Geotechnical Engineering: Theory to Practice” Organised by National Institute of Technology Karnataka (NITK), Surathkal, India, Indian Geotechnical Society (IGS), during 24 Sep - 2 Oct, 2020, AICTE sponsored online national conference on "EMERGING PRACTICES AND INNOVATIONS IN CIVIL ENGINEERING" (EPIC 2020) conducted from Oct 26, 2020 to Oct 27, 2020 by Department of Civil Engineering, S.R.K.R. Engineering College, Bhimavaram, and undergone a Short Term Course duly Sponsored by AICTE ATAL Academy Fundamental Aspects and Futuristic Prospects of Geotechnical Engineering on 23rd - 27th November 2020
- Ms. Reshma Antony, Ms. Ragi C Ravindran, Ms. Sujana R, Ms.Remya P M attended Webinars on Research proposal and grant proposal writing organised by IEEE Region 10, IEEE IA/IE/PELS Chapter Kerala on 8th July 2020, SUSTAINABLE TRANSPORT SOLUTION FOR CITIES Christ College of Engineering Irinjalakuda, Thrissur on June 27, 2020, The Role of Digital Libraries in Online Learning Environment During the Pandemic organised by SCET on June 19<sup>th</sup> 2020, AN INSIGHT TO TRANSPORTATION PLANNING organised by Jyothi Engineering College, Thrissur on 9 July, 2020, Discussion on Kerala Building Rules 2019 for Future Planning organised by Universal Engineering College , Thrissur on 25<sup>th</sup> June 2020 and Project Proposals Preparation and Funding Opportunities organised by Saintgits College of Engineering, Kottayam & ISTE Saintgits Chapter on July 30th 2020.
- Ms. Ragi C Ravindran attended Webinar on “IMPORTANCE OF VASTHU SHASTRA IN THE DESIGN OF RESIDENTIAL BUILDINGS” organized by Department of Civil Engineering Universal Engineering College, Thrissur on 25.07.2020, “National Education Policy 2020: Reconfiguration of Higher Education System in India” organized by Government College Daman in association with IQAC held on 07th August, 2020 TRAFFIC IMPACT STUDY - INDUSTRIAL PRACTICES organized by Department of Civil , Jyothi Engineering College, Thrissur in association with IEI on 14th August, 2020.
- Ms. Remya P M attended Webinar on webinar on “Concrete Mix Design and Quality Control ” organized by Department of Civil Engineering, Vidya Academy of Science and Technology on 15<sup>th</sup> and 17<sup>th</sup> July 2020 and "Research proposal and grant proposal writing" by Prof. Chun Che Lance Fung, Director-Elect, 2021-22, on 8<sup>th</sup> July 2020

### ❖ NEW FACULTY MEMBERS



AKHIL S NAIR



CIBY JACOB CHERIAN



HARITHA C R

PACE  
ACTIVITIES

- Webinar on ‘Scope of Civil Engineering’ was conducted for third semester students (2019 batch) and plus two students from various schools on 17/8/2020 from 11 am – 12.30 pm. The speaker was Ms. Aarya K R, Manager, Corporate Relations, Civilianz.
- Webinar on ‘Career Opportunities for Civil Engineers’ was conducted for 5<sup>th</sup> semester, 7<sup>th</sup> semester and outgoing batch students (2018, 2017 and 2016 batch) on 19/8/2020 from 11 am – 12.30 pm. The speaker was Ms. Aarya K R, Manager, Corporate Relations, Civilianz
- Webinar on ‘Vaastu for construction’ was conducted for 7<sup>th</sup> and 5<sup>th</sup> semester students (2017 and 2018 batch) on 17/10/2020 from 1.30pm – 2.30 pm. The speaker was Mr. Vishnudas, Vaastu consultant and Building designer, BRICS
- Alumni interaction was conducted for the third semester students (2019 batch) on 19/9/2020 from 1.30-2.30pm. The speaker was Ms. Riya Susan Andrew, Alumnus, 2013 -17 batch who just completed working M Tech in Computer Aided Structural Analysis and Design , Dept of Ship Technology, CUSAT
- Alumni interaction was conducted for the seventh semester students (2017 batch) on 25/9/2020 from 1.30-2.30 pm. The speaker was Ms. Amrutha Shaji, Alumnus, 2015 -19 batch who is working as Road Engineer, Qatar Design Consortium, Qatar
- Alumni interaction was conducted for the all students on 06/11/2020 from 1.30-2.30 pm. The speaker was Ms. Anjana K, Alumnus, 2013 -17 batch who is working as Senior Engineer, L&T Construction
- Industry interaction on ‘Post Covid Era- Challenges and Opportunities’ was conducted for all students on 13/11/2020 afrom 10 am – 11 pm. The speaker was Mr Mahesh L, Chief Technical Officer, Asset Homes
- Webinar on "An introduction to earthquake engineering" was conducted for 5<sup>th</sup> semester, 7<sup>th</sup> semester and outgoing batch students 30th of October at 2:00 pm.

