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DEPARTMENT OF CIVIL ENGINEERING,
ASIET**

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Department Mission

- TO IMPART QUALITY PROFESSIONAL EDUCATION SO THAT THE STUDENTS EMERGE AS A COMPETENT PROFESSIONAL IN THE AREA OF CIVIL ENGINEERING.
- TO PROMOTE INNOVATIVE THINKING AND LIFELONG LEARNING IN BUDDING ENGINEERS.
- TO PRODUCE CIVIL ENGINEERS WHO HAVE IMBIBED ETHICAL VALUES TO SERVE THE SOCIETY AND NATION.

Program Specific Outcomes (PSOs)

AFTER SUCCESSFUL COMPLETION OF B.TECH IN CIVIL ENGINEERING, THE STUDENTS WILL BE ABLE TO:

- CHECK THE FEASIBILITY AND SUSTAINABILITY OF CIVIL ENGINEERING PROJECTS BY CONDUCTING GEOTECHNICAL INVESTIGATION, CIVIL ENGINEERING SURVEY AND ENVIRONMENTAL IMPACT ASSESSMENT.
- ANALYSE AND DESIGN BUILDINGS, HYDRAULIC STRUCTURES AND WATER DISTRIBUTION, WASTE MANAGEMENT AND TRANSPORTATION SYSTEMS.
- EXECUTE CIVIL ENGINEERING PROJECTS WITH THEIR KNOWLEDGE IN ESTIMATION, PROJECT MANAGEMENT, CONSTRUCTION MATERIALS AND TECHNOLOGIES.

Department Vision

TO EMERGE AS A CENTRE OF EXCELLENCE IN CIVIL ENGINEERING WITH GLOBAL PERSPECTIVES.

Program Educational Objectives (PEOs)

- GRADUATES WILL HAVE A POTENTIAL TO PURSUE HIGHER STUDIES AND RESEARCH IN THE FIELD OF CIVIL ENGINEERING AND INTERDISCIPLINARY AREAS.
- GRADUATES WILL BE ABLE TO PRODUCE SUSTAINABLE SOLUTIONS WITH PROFESSIONAL ETHICS FOR REAL TIME CIVIL ENGINEERING PROBLEMS.
- GRADUATES WILL HAVE MANAGERIAL SKILLS AND LEADERSHIP QUALITIES IN EXECUTION OF CIVIL ENGINEERING PROJECTS.
- GRADUATES WILL BE ABLE TO WORK WITH INTEGRITY AND ETHICAL VALUES.

SEMINAR ON NEW TRENDS IN WASTE WATER MANAGEMENT



A seminar on the topic "New Trends in Waste Water Management" was organized by the Environmental Consultancy Companies Association (ECCA) in association with Kirloskar Brothers Limited on 27th March 2021 at ASIET campus. The programme was inaugurated by Mr. Baiju M A.

Chief Engineer, KSPCB Regional Office, Ernakulam. The seminar sessions were handled by experts from **Thermax, Pune. Mr. Dinesh K S, Environmental Engineer, KSPCB, Perumbavoor,** handled a session on “**Need of Pollution Control Activities and Online Consent Management System**”. There was a discussion on new products by Kirloskar Brothers Ltd.

CONSULTANCY WORK FOR INDOMER, Chennai

Prof. Suresh P K and **Er Aneesh P C**, Head of the department, completed a consultancy work for **INDOMER Coastal Hydraulics, Chennai** on the study on tidal propagation along the outlet channel of Kaluveli lake. A detailed hydrology and tidal study has been carried out for understanding discharge characteristics and tidal propagation along the lake.

RESEARCH SEMINAR ON ADVANCED TECHNOLOGIES FOR ORGANIC WASTE WATER TREATMENT

A research seminar on the topic “**Advanced Technologies for Organic Waste Water Treatment**” was presented by **Mr. Aneesh P C, Head of the Department** on 17th March 2021. The seminar was focused on improving the research achievements along with the teaching excellence of faculties.





RESEARCH SEMINAR ON PRODUCTION OF ARTIFICIAL AGGREGATE

A research seminar on the topic “**Production of Artificial Aggregate**” was presented by **Mr. Abin Joy, Assistant Professor** of the Department on 29th March 2021.

STAFF OUTREACH

- **Dr. Suresh P K**, Professor and **Mr. Aneesh P C**, Head of the Department presented a paper on **Design of a sustainable flood carrier system in Cuddalore of Tamilnadu** in **The First International Conference on Innovations in Mechanical Sciences (ICIMS 21)** on 19th and 20th February 2021 on IOP Conference Series: Materials Science and Engineering, organized by ASIET.
- **Dr. P K Suresh** is appointed as “**Expert Consultant**” for the Supervisor Consultancy undertaken by IIT Madras for Real Time Flood Forecasting and Spatial Decision Support System (RTDAS) for Chennai Basins.
- **Dr. Manu S Nadesan**, Associate Professor of the Department was the reviewer on **The First International Conference on Innovations in Mechanical Sciences (ICIMS 21)** on 19th and 20th February 2021 on IOP Conference Series: Materials Science and Engineering.
- **Ms. Harshananda T N**, Assistant Professor of the Department has successfully completed **National Initiative for Technical Teacher's Training (NITTT-2021)** Module 1 entitled "Orientation Towards Technical Education and Curriculum Aspects".

- **Mr. Abin Joy**, Assistant Professor of the Department has participated in the online Faculty Development Program on “**Constitution of India**” sponsored by TEQIP - phase II, organised by Department of Electronics and Communication Engineering from **15th to 20th March 2021**.

STUDENT ACHIEVEMENTS



Chief Editor:

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