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**MONTHLY NEWSLETTER OF
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.

CONSULTANCY WORK ON STUDY OF GBS

THE DEPARTMENT HAS RECEIVED A CONSULTANCY PROJECT OF FIVE LAKH RUPEES, ON THE STUDY OF GRANULAR SUB BASE AS WATER RETAINING STRUCTURES. DR. MANU S NATESAN IS THE PRINCIPAL INVESTIGATOR AND DR. P K SURESH IS THE CO-PRINCIPAL INVESTIGATOR. THE PROJECT TEAM ALSO HAS DEPARTMENT FACULTIES MR. ABIN JOY, MS. CLYDIN PA AND MS. REEMA PIUS.

REJUVENATION OF PERIYAR IN TIE UP WITH WRD

THE DEPARTMENT HAS TIED UP WITH WATER RESOURCES DEPARTMENT KERALA TO CONDUCT DETAILED STUDY OF RIVER PERIYAR FROM KALADY TO EDAMULA WITH THE OBJECTIVE OF RESTORING THE WATER QUALITY OF THE POLLUTED STRETCHES IN RIVER PERIYAR. THE PROJECT TEAM IS LED BY DEPARTMENT HEAD MR. ANEESH P C AND PROFESSOR DR. P K SURESH ALONG WITH DEPARTMENT FACULTIES MS. HARSHANANDA T N, MS. NITHA ABRAHAM AND MS. SHABNUM SUHURA.

The fifth semester students river and the collected samples were tested in the Environmental laboratory as per the guidelines of Central Pollution Control Board. A Detailed Project Report sighting the studies and pollution abatement measures will be submitted to the Water Resources Department, Government of Kerala.



SITE VISIT TO WATER METRO CONSTRUCTION SITES

The students of the department along with faculties visited the construction sites of water metro. The site visit, organized by the Associate Director **Dr. Jacob George** in tie up with KMRL was an opportunity to bridge industry-academia gap. **Ms. Shabnum Suhura, Ms. Akhila Vijayan, Mr. Abishek Kumar A A, Ms. Clydin P A and Ms. Jeeva P Winto** Assistant Professors of the department accompanied the students during the visit.



FACULTY VISIT TO PAVIZHAM INDUSTRIES

The Department faculties **Mr. Aneesh P C**, **Mr. Abin Joy** and **Ms. Jyothilekshmi** visited the Pavizham Industries to understand the various manufacturing process and water treatment process in the industry. The various technical assistance that can be provided by the faculties to industry and the related various research scopes were also discussed during the visit.



RESEARCH SEMINAR ON STRUCTURAL LIGHT WEIGHT CONCRETE

A research seminar on the topic “Structural Light-weight Aggregate Concrete” was presented by **Dr. Manu S Nadesan**, Associate Professor of the department on 22nd February 2021. The seminar was focused on improving the research achievements along with the teaching excellence of faculties.



FACULTY ENTREPRENEURSHIP AWARENESS PROGRAM

A session on the topic “Faculty Entrepreneurship Awareness Program” emphasized on startup opportunities for faculties was organized for the faculties of the department as a part of NISP on 25th February 2021. The session was handled by Mr. Ajay Basil, Assistant Professor, Department of Computer Science.



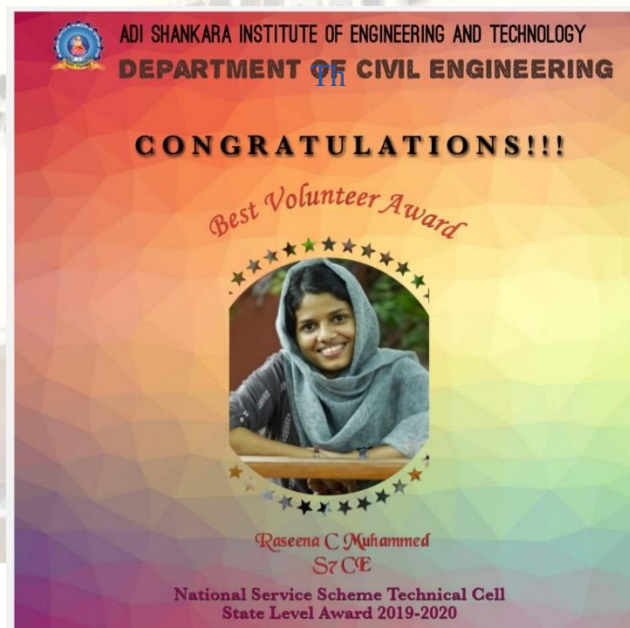
NIRF AND ARIIA IN THE PERSPECTIVE OF NEP

A session emphasized on providing awareness about NIRF and ARIIA Ranking in the perspective of NEP was organized for the faculties of the Department on 18th February 2021. The sessions were handled by **Dr. Manu S Nadesan, Associate Professor** and **Mr. Abishek Kumar A A, Assistant Professor** of the Department.



STUDENT'S ACHIEVEMENT

Raseena C Muhammed of **S7 CE** has been selected as the **State Level Best NSS Volunteer** for the academic year 2019-2020. Earlier, she has been selected as the **District Level Best Volunteer**.



STUDENT ACTIVITIES

ANOKHA 2021 - CULTURAL EVE

A fresher's day cultural program was organized by the students of **Semester I** of the department through the online platform Google Meet on 6th February 2021. The event, coordinated by the tutors Ms. Jini Varghese, Ms. Jyothilekshmi and Ms. Clydin PA showcasing talents of the students had various cultural programs like dance, karaoke and other online games.



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