

CIVIL CHRONICLE

August 2021
Volume 4 Issue 8



**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.

CHIEF EDITOR:



Ms. Shabnum Suhura

STAFF EDITORS:



Ms. Nitha Abraham



Ms. Reema Pius

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.

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.

ACADEMIC EXCELLENCE IN KTU EXAMINATION

The students of the Department excelled in VIII Semester KTU examination results with 93.65% overall pass percentage. Arathy Surendran and Parasakthi P B of 2017-2021 batch topped the position with an SGPA of 10. Nearly 84 % of the students secured an SGPA above 8.





Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

**SGPA
Above 9**

Congratulations!!!

KTU S8 TOPPERS
(2017-21 Batch)



ARATHY SURENDRAN
SGPA: 10.00



PARASAKTHI P B
SGPA: 10



ATHIRA K R
SGPA: 9.83



SWATHY KRISHNA
SGPA: 9.83



JINEESHA GEORGE
SGPA: 9.75



SUDHINA SUNANDAN
SGPA: 9.58



GOPIKA M M
SGPA: 9.50



KRISHNAPRIYA BABU
SGPA: 9.50



KRISHNAVENI K R
SGPA: 9.42



MUNEIBA MUHAMMED
SGPA: 9.25



HAZRIN V A
SGPA: 9.25



SHILPA MOL T O
SGPA: 9.17



VARSHA MURALI
SGPA: 9.17



ARCHANAHAREENDRAN
SGPA: 9.08



DEVAPRABHA B
SGPA: 9.00



DIXON DEVASSYKUTTY
SGPA: 9.00



H AISWARYA
SGPA: 9.00



SRI GANESH VARMA
SGPA: 9.00

SMART HOMES - RECRUITMENT DRIVE

The Department of Civil Engineering and SMART HOMES organized a recruitment drive for graduates in Civil Engineering on 18th August 2021. Smart Homes is a recognized construction firm in Ernakulam, with works across Kerala. The recruitment drive, where more than 20 students of the department from various batches had attended, was headed by the company Managing Director, Mr. Shine Shaji. Five students from batch 2017-2021 got selected in the recruitment drive and a few more got shortlisted for further interview processes.

CONGRATULATIONS !!!

PLACEMENT 2021

Anand Murali Dixon Devassikutty Jayadevan MS

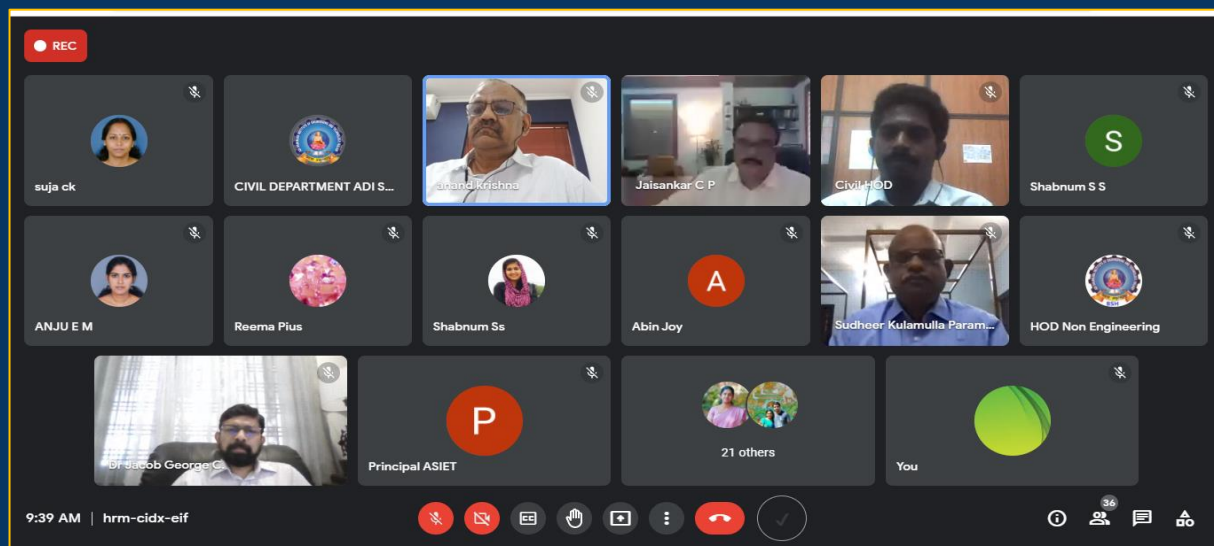
Sudhina Sunandan Sabareesan P Pillai

SHINE'S **SMART HOMES** CREATIVE ARCHITECTS

DEPARTMENT OF CIVIL ENGINEERING

FACULTY DEVELOPMENT PROGRAM ON DATA ANALYSIS AND MODELLING SOFTWARES IN CIVIL ENGINEERING

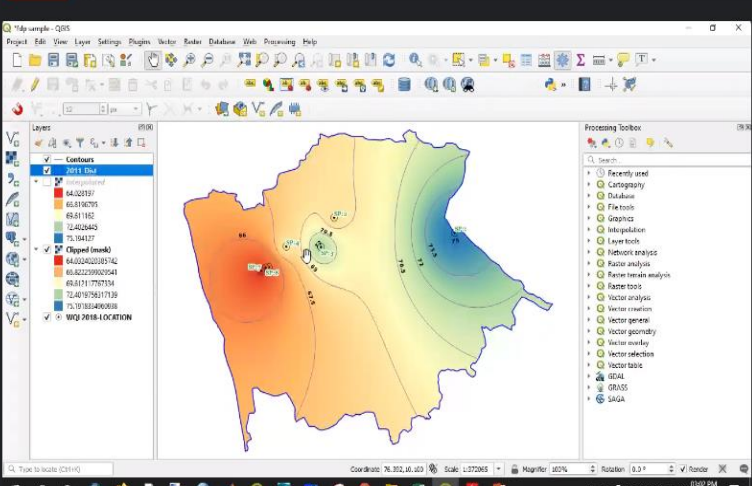
A five day online Faculty Development Programme on “**Data Analysis and Modelling Softwares in Civil Engineering**” was conducted by the department of Civil Engineering from 10th to 14th August 2021. The session was inaugurated by **Dr. K P Sudheer**, Environmental and Water Resources Engineering Division, IIT Madras giving a brief introduction on the ‘Importance of Data Analysis Softwares in Civil Engineering’.



Mr. Aneesh P. C., Head of Department of Civil Engineering, ASIET handled a session on “Water Quality Mapping with GIS”. A session on the topic “Modelling Concepts in Integrated Water Resources Management with a Case Study” was handled by **Dr. P. K. Suresh**, Visiting Professor of the department and Consultant at IIT Madras. **Dr. N. Kavitha**, GIS Specialist, TNIAM Project Water Resources Department, Chennai handled a session on “Applications of GIS in Water Resources Engineering”.

The resource person for the third day on the topics “Introduction to Pipe Flow Problem” and “Pipe Flow Problem using ANSYS” was **Dr. Anand Raj Hariharan**, Associate Professor, Department of Mechanical Engineering, ASIET. The speaker for the fourth day session entitled “Introduction to HECRAS and HEC GeoRAS”. and “Flood Plain Modelling with HECRAS and HEC GeoRAS”.

REC Civil HOD is presenting



Processing toolbox:

- Recently used
- Cartography
- Database
- File tools
- Graphics
- Interpolation
- Layer tools
- Network analysis
- Raster analysis
- Raster creation
- Raster metadata analysis
- Vector analysis
- Vector creation
- Vector geometry
- Vector overlay
- Vector selection
- Vector table
- GDAL
- GRASS
- SAGA

Participants:

- Civil HOD
- Reema Pius
- MCB
- CIVIL DEPARTMENT ...
- P K Suresh
- Civil HOD
- Chithra C J CIVIL De...
- 15 others
- You

REC CIVIL DEPARTMENT ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY is presenting

Integrated Water Resources Management

Power Plant Name	State	Installed Capacity in MW
Maya Thermal Power Station	West Bengal	2,340
Raghunathpur Thermal Power Station	West Bengal	1,200
Malithon Power Limited	Jharkhand	1,050
Durgapur Steel Thermal Power Station	West Bengal	1,000
Koderma Thermal Power Station	Jharkhand	1,000
Chandrapura Thermal Power Station	Jharkhand	500
Bakara Thermal Power Station -A	Jharkhand	500
WPSCL Power Plant	Jharkhand	238
Total		7187

Power Plant Name	State
Panchet Dam	Jharkhand
Malithon Dam	Jharkhand
Tilaiya Dam	Jharkhand
Total	

- Malithon Dam
- Panchet Dam
- Tilaiya Dam
- Konar Dam

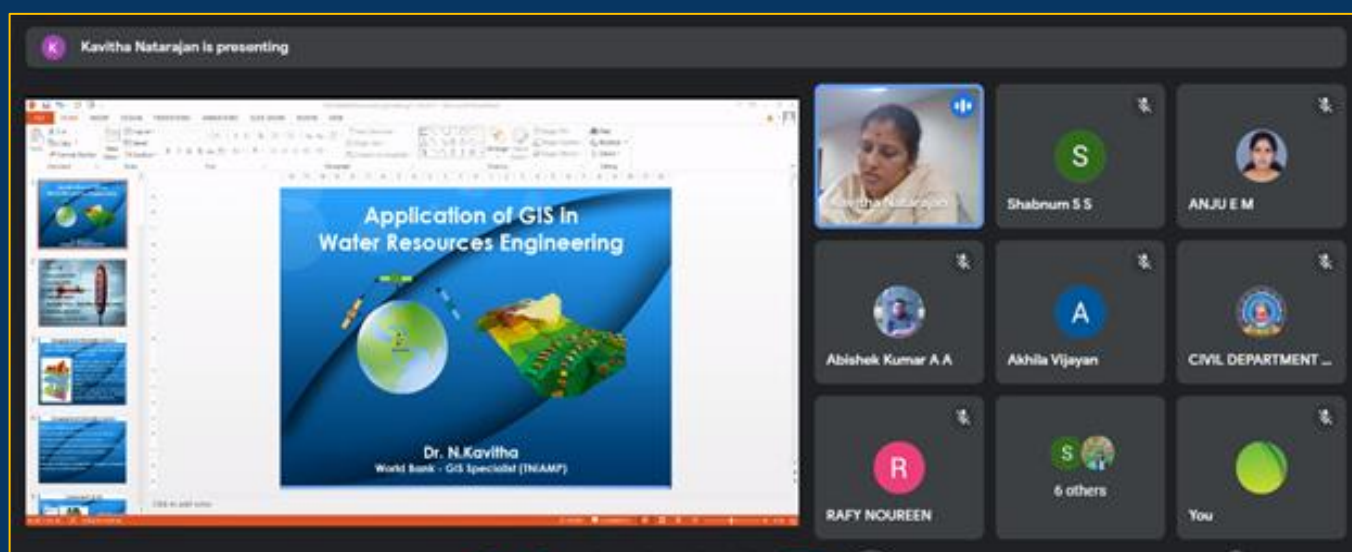
Irrigation Command Area (Gross): 569,000 hectares
 Irrigation Potential Created: 364,000 hectares
 Canals: 2,494 km
 30,000 hectares of land irrigated, every year by lift irrigation with the water available from 16,000 (approx) check dams constructed by DVC.

Data Analysis and Modelling Software in Civil Engineering

Participants:

- CIVIL DEPART...
- Noureen Rafy
- Harshananda T N
- Civil HOD
- Bincy Veena
- CIVIL DEPART...
- sreejith mohan
- Sreevidhya Me...
- ANJU E M
- Jeena Mathew
- 11 others
- You

The last day session was handled by Mr. Naveen Sudharsan, Research Associate, IIT Bombay on the topic “Data Driven Modelling in Hydro-climatic Extremes”. The FDP was coordinated by Ms. Jeeva P Winto, Ms. Harshananda T N and Ms. Clydin P A, Assistant Professors of the department and was conducted through Google Meet.



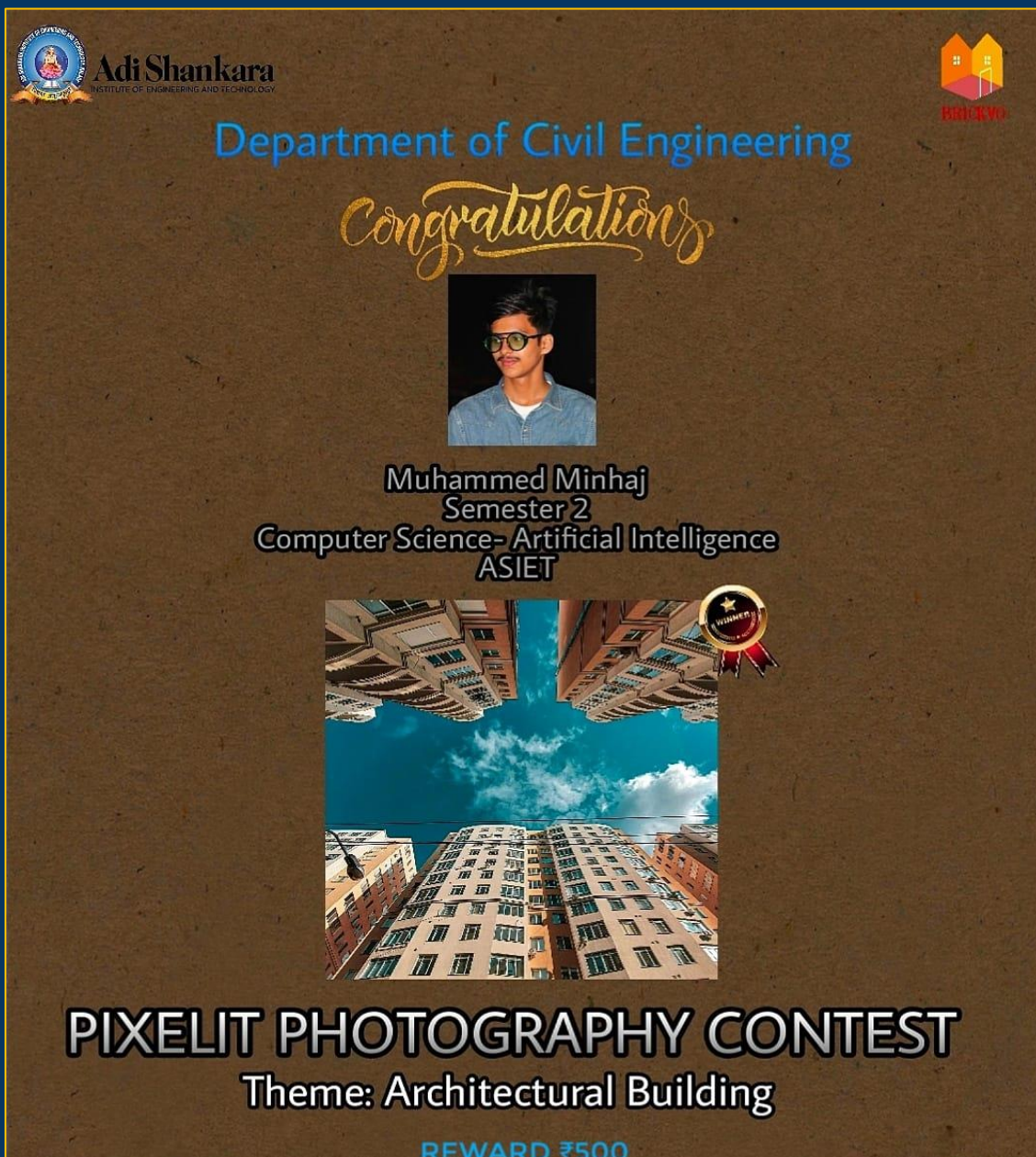
CELEBRATING THE TRUE SPIRIT OF ONAM


The Department of Civil Engineering celebrated **Onam** on 18th August 2021. The day was filled with joy of colour and flowers through Athapookalam and the staff members in traditional Onam attires. The department staff participated in Onam Paattu, conducted as a part of Onam Celebration. The event was followed by the Onam Sadhya arranged by the college. To add further spirit to Onam, the department club, **Civilions Care** gifted Onam Kaineettam and vegetable kits to department cleaning staffs.




PIXELIT

Muhammed Minhaj of S2 CS (AI), ASIET secured the first prize for the photography contest titled "PIXELIT" on the topic "Architectural Building" conducted by Brickvo, Technical Club of the Department for the school and college students of age 22 and below.




 **Adi Shankara**
INSTITUTE OF ENGINEERING AND TECHNOLOGY




Department of Civil Engineering

Congratulations



Muhammed Minhaj
Semester 2
Computer Science- Artificial Intelligence
ASIET



PIXELIT PHOTOGRAPHY CONTEST
Theme: Architectural Building
REWARD ₹500

RESEARCH SEMINAR ON FREE VIBRATION BEHAVIOUR OF LAMINATED COMPOSITE BOX BEAMS

A research seminar on the topic “**Free Vibration Behaviour of Laminated Composite Box Beams**” was presented by **Ms. Clydin P A, Assistant Professor** of the department on **3rd August 2021** through Google Meet. The seminar was focused on improving the research achievements along with teaching excellence of faculties.

Mr. Abishek Kumar A A, Assistant Professor of the Department has undergone **Innovation Ambassador training (Foundation Level)** conducted by MoE's Innovation Cell and AICTE during the period from 30th June – 30th July 2021 in online mode.

Also attended a national webinar on “**Research, Innovation and Ranking**” conducted as part of one year celebrations of **National Education Policy 2020** organized by the Innovation Cell, Ministry of Education, Government of India

Blesson Paulose and **Dhananjayan C V** of S4 CE participated in the international level webinar “**Journal as a Scientist of ISRO**” organized by TEAM 2020 Helpers, West Bengal, India, with the insights of “**Starting a Career in Research**” and “**Overview of Work Environment in ISRO**”.



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

ADMISSION²⁰²¹

B.Tech in
CIVIL ENGINEERING

COURSE CODE : CE

COLLEGE CODE : ASI



OUR SPECIALITIES

Well equipped labs and classes

Frequent industrial visits

Add on software courses like Auto CAD, Revit, Staad Pro etc

MoUs with LSGD, KKM Soft, Intercad etc

Active consultancy works with LSGD, NHAI etc

Vibrant department activities like Civiaura, expert talks

Internship opportunities with KMRL and other reputed organizations

Excellent placement opportunities



Jeeva P Winto : 799 4544 484 | Akhila Vijayan : 949 7370 270

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