

Society Of Civil Engineers



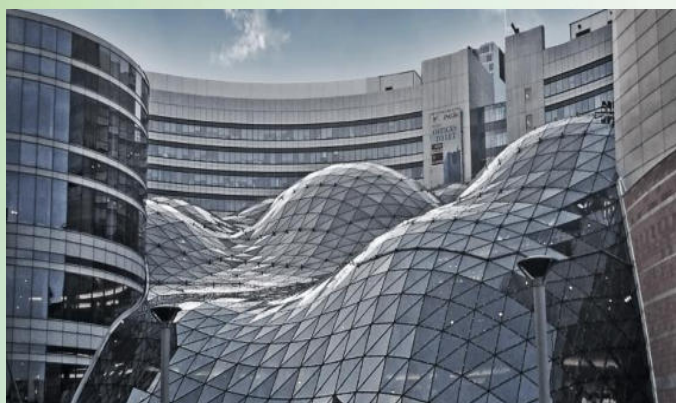
Vision

- To achieve excellence in the field of civil engineering with professional competency.

Mission

- Provide congenial learning-teaching process for holistic development.
- Upgrade the facilities to meet curriculum needs.
- Conduct Industry-Institute interactions to educate learners.
- Enhance the research to meet the societal needs.





The Civil Engineering Department is one of the lead departments in the institute and was established in 2009. The initial journey was started with a U.G. Program (B. Tech in Civil Engineering) with intake of 60 seats. Later, the department started a P.G. Program (M. Tech in Structural Engineering) in the year 2013 with an intake of 24 seats. With the eminent faculty and well-acquainted facilities, extensive research work is going on in the various disciplines of Civil Engineering.

FACULTY DETAILS:

The department of Civil Engineering has highly qualified, experienced faculty members from various streams whose knowledge shapes a student's leadership skills. Department of Civil Engineering has faculty of 35 members, 2 Professors, 2 Associate professors and 31 Assistant professors. Faculty members have widely recognized for their research, case development and industrial contacts which help students to teach regarding practical aspects.

FACULTY DETAILS:

Total No. of faculty: 31

S. No	Faculty	Members
1.	Professors	01
2.	Associate Professor	01
3.	Assistant Professor	29

HOD'S PROFILE:



A. Anil, M. Tech, (Ph.D)
HOD of Civil Department

Sri. A. Anil is doing his Ph. D in Water resources engineering from JNTUA, Ananthapuramu, did his Masters from S.V. University, Tirupati with a specialization in Hydraulics and Water resources Engineering and Bachelor degree in civil engineering from N.B.K.R.I.S.T, Vidyanagar. He started his teaching career is 2012. He was ratified by JNTUA, Ananthapuramu as Assistant professor. His attentiveness lies in remote sensing and GIS applications, Qualitative and Quantitative analysis of water, Expansion of Usage of sensors in water resources. He has published 10 research papers in international journals and attended 15 conferences. He is having professional memberships like IWRA, IAHR, ISRD and IAENG. He has contributed a lot for the academics and extended the services towards admissions, Placements, college activities and organizing events. He assumed office of the head of the civil engineering department on July 2021.

DEPARTMENTAL LABS

STRENGTH OF MATERIALS LAB (SM LAB): Demonstrating the basic principles in strength and mechanics of materials and structural analysis to the undergraduate students through a series of experiments is the objective of the strength of materials lab. Measuring the properties of the materials such as impact strength, tensile strength, compressive strength, hardness, ductility are conducted in the lab.



Strength of Materials Lab

SURVEYING LAB: Surveying lab (CE 261) introduces the three basic surveying tools – the tape, level, and transit/theodolite – along with proper field procedures for basic surveying. These include taking field notes, taping and EDM, leveling, bearings and azimuths, topography, and mapping.



Surveying Lab

ENGINEERING GEOLOGY LAB:

Rock identification, rock types and the rock cycle. Structural features of sedimentary rocks (including mapping on aerial photographs, geologic map interpretation, and geologic cross sections) Plate tectonics. Geologic interpretation of topo maps, aerial photos, and satellite images.



Engineering Geology Lab

GEOTECHNICAL LAB : Properties of the soil can be determined by both field and laboratory test methods. It is critical to quantify the various properties of soil in order to predict its behaviour under different loading conditions for the safe design of structures.



Geotechnical Lab

CONCRETE TECHNOLOGY LAB: Concrete Technology Laboratory provides facilities to conduct all quality control tests on cement, aggregates, and concrete (Fresh and hardened). Students learn the standard procedure to test the quality of building materials in line with the corresponding IS codes.



Concrete Technology Lab

TRANSPORTATION LAB: The Transportation Engineering lab has equipment required to conduct all standardized tests to assess quality of highway materials, pavement evaluation and traffic engineering studies. The lab is used for collaborative research in traffic engineering and transport planning.



Transportation Engineering Lab

ENVIRONMENTAL ENGINEERING LAB: Environmental engineering involves water supply, pollution control, recycling, waste (solid and liquid) disposal, radiation protection, industrial hygiene, environmental sustainability, and public health. This manual mainly deals with the determination of physio-chemical and bacteriological properties of water.



Environmental Engineering Lab

FLUID MECHANICS LAB : The Fluid Mechanics laboratory is designed to examine the properties of fluids and to conduct experiments involving both incompressible and compressible flow. Facilities are available for investigating the fundamentals of fluid statics as well as kinematics and kinetics of fluid flow to enhance the hands-on experience of our students.

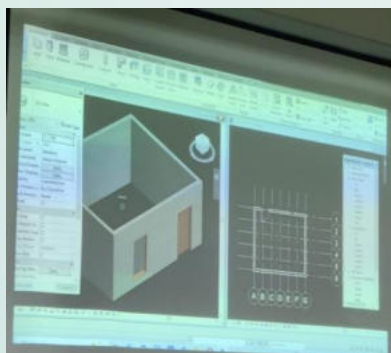


Fluid Mechanics Lab

EVENTS CONDUCTED BY CIVIL ENGINEERING DEPARTMENT:-

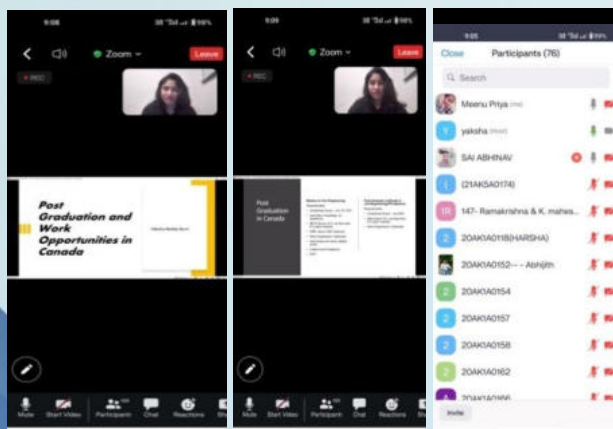
Workshop on Revit

The Department of Civil Engineering, Annamacharya Institute of Technology & Sciences:: Tirupati conducted a workshop on 20.07.2023 by By master trainer G Siva Kumar AYLIN TECHNOLOGIES PRIVATE LIMITED -, delivered a workshop on the “Revit ” to department staffs, B. Tech and M. Tech students.



Webinar on Career & MS opportunities in Canada

B Yaksha Reddy M.S., B.Tech., Project Coordinator, Walker Home, Port Elgin, Canada expalined what are the requirements for doing masters in civil engineering and course structure details for specalizations major in civil engineering along with fee strcuture and admission process ,how to get finanical support after graduation what are the career oppurtunities available ,also conveyed the importance of Work Permit PGWP .



Bridge Testing

Bridge testing is conducted by the Coordinator Mr. P Narendra Reddy. In this the popsicle stick bridge is a classic science demonstration and competition. Every year many students world-wide build bridges made groupwise from popsicle sticks and glue, to see which designs can hold the most weight. We built one, using maybe 60 sticks, give or take a few.



Engineer's Day

Hon'ble Chief Guest Executive Engineer of Telugu ganga project D Radha Krishna Murty Garu explained the importance of civil engineering and shared his knowledge on Telugu ganga project with all students.



Faculty Achievements

Faculty Development Programmes



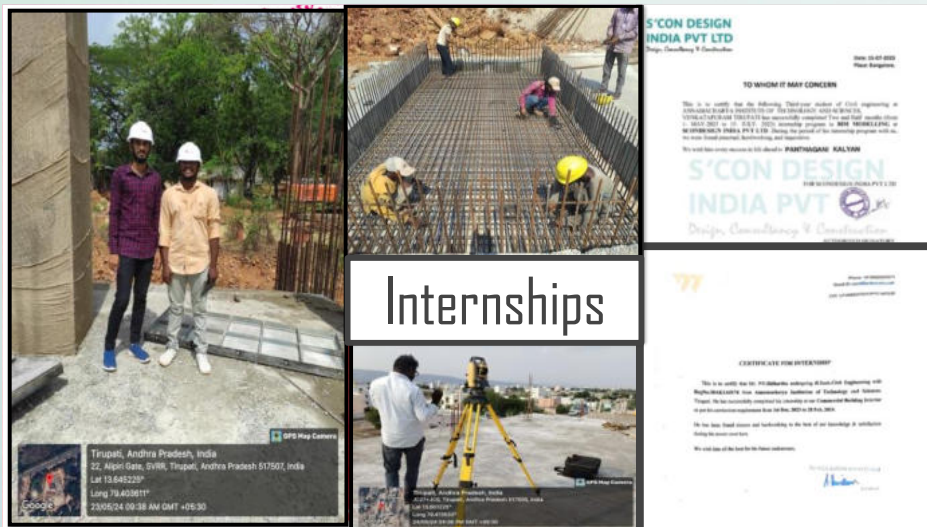
Civil Engineering Student's Achievement;

NPTEL	- 300 +
EDX	- 450 +
INTERNSHIPS	- 300 +
Community Service Projects	- 25 +

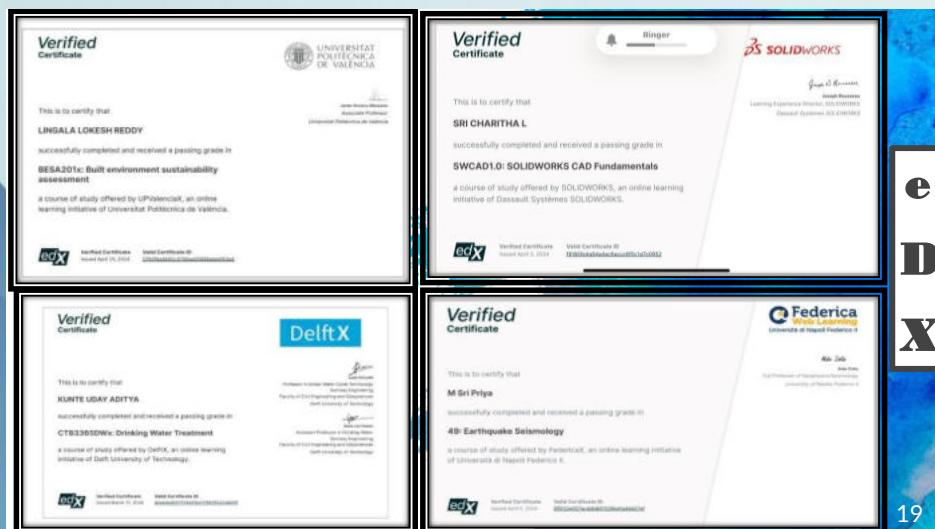
NPTEL Courses



Internships



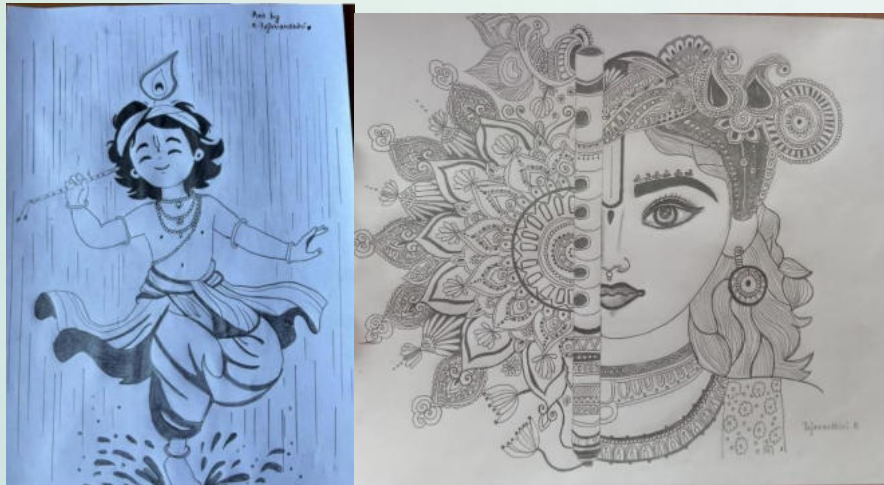
eDX Courses



Community Service Awareness Campaigns



Arts



Editorial Board



Chief Patron

Sri. C. Gangi Reddy,
Secretary, AET



Patron

Sri. C. Abhishek Reddy,
Executive Director, AET



Patron

Smt. C. Poojitha Reddy,
Joint secretary, AET



Co-Patron

Dr. C. Nadhamuni Reddy,
Principal, AITS, TPT



Convener

Mr. A. Anil, Assistant
Professor & HOD,



Chief Editor

Miss M Sri Priya

Student Editors



Ranjith C
B. Tech III Civil



Uday Aditya K
B. Tech III Civil



Anish G
B. Tech III Civil



Hari Kumar
B. Tech III Civil



K Sunil Kumar
B. Tech III Civil



G Santosh
B. Tech II Civil



J Tanuja
B. Tech III Civil



G Jayasree
B. Tech III Civil

LETTER FROM THE
EDITOR

November 1, 2023

Dear Reader,

Welcome to Volume 9, a vibrant mix of passion and precision.

The magazine reflects a department in full bloom dynamic and driven.

You'll discover budding researchers, designers, and community builders.

Innovation labs and fieldwork have been at the heart of this volume.

Our students have taken bold steps into entrepreneurship and ideation.

The creative spirit shines through in every submission.

Together, we celebrate the process, not just the product.

Let this edition encourage you to lead, learn, and leap

Sincerely,

Miss Meenu Sri Priya
Editor-in-Chief

