



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 DETAIL:

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 the area of 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.



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.



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.



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.



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.



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.



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.



EVENTS CONDUCTED BY CIVIL ENGINEERING DEPARTMENT:-

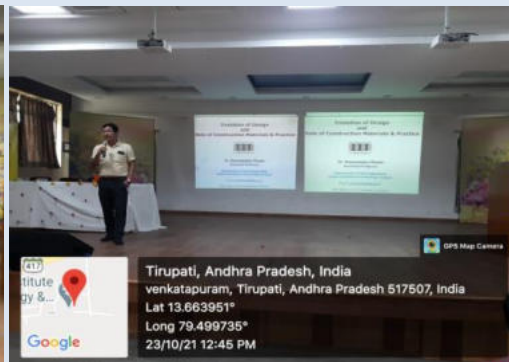
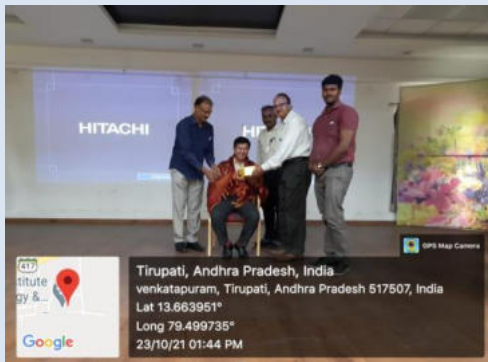
Engineers Day 15-9-2021

The Department of Civil Engineering, Annamacharya Institute of Technology & Sciences: Tirupati has celebrated Engineer's Day 2021 at Auditorium. In this event Dr. C Nadhamuni Reddy, principal at AITS, Tirupati has delivered his speech regarding up gradation of technologies and handling of innovative projects to students. Dr. J. Guru Jawahar, Professor from AITS, Tirupati had technical talk on knowledge sharing, upcoming technologies. In this event first year students of Civil Engineering have participated



Technical seminar on Evolution of Design and Role of Construction Materials and Practice 23-10-2021

The Department of Civil Engineering, Annamacharya Institute of Technology & Sciences: Tirupati conducted a seminar on 23.10.2021 by **Dr. Romanbabu Oinam Ph.D.**, Assistant Professor from Indian Institute of Technology-Tirupati delivered a seminar on the "**Evolution of Design and Role of Construction Materials and Practice**" to department staffs, final and third years B. Tech and M. Tech students. In the seminar, Dr. Romanbabu Oinam delivered an expert talk on "Performance Based Design (PBD)" and explained all his research innovations and "standard codes" evolved to make "seismic resistant structures".



Technical seminar on Latest Practice in Civil Engineering and Importance of ACCE(INDIA) 24-10-2021

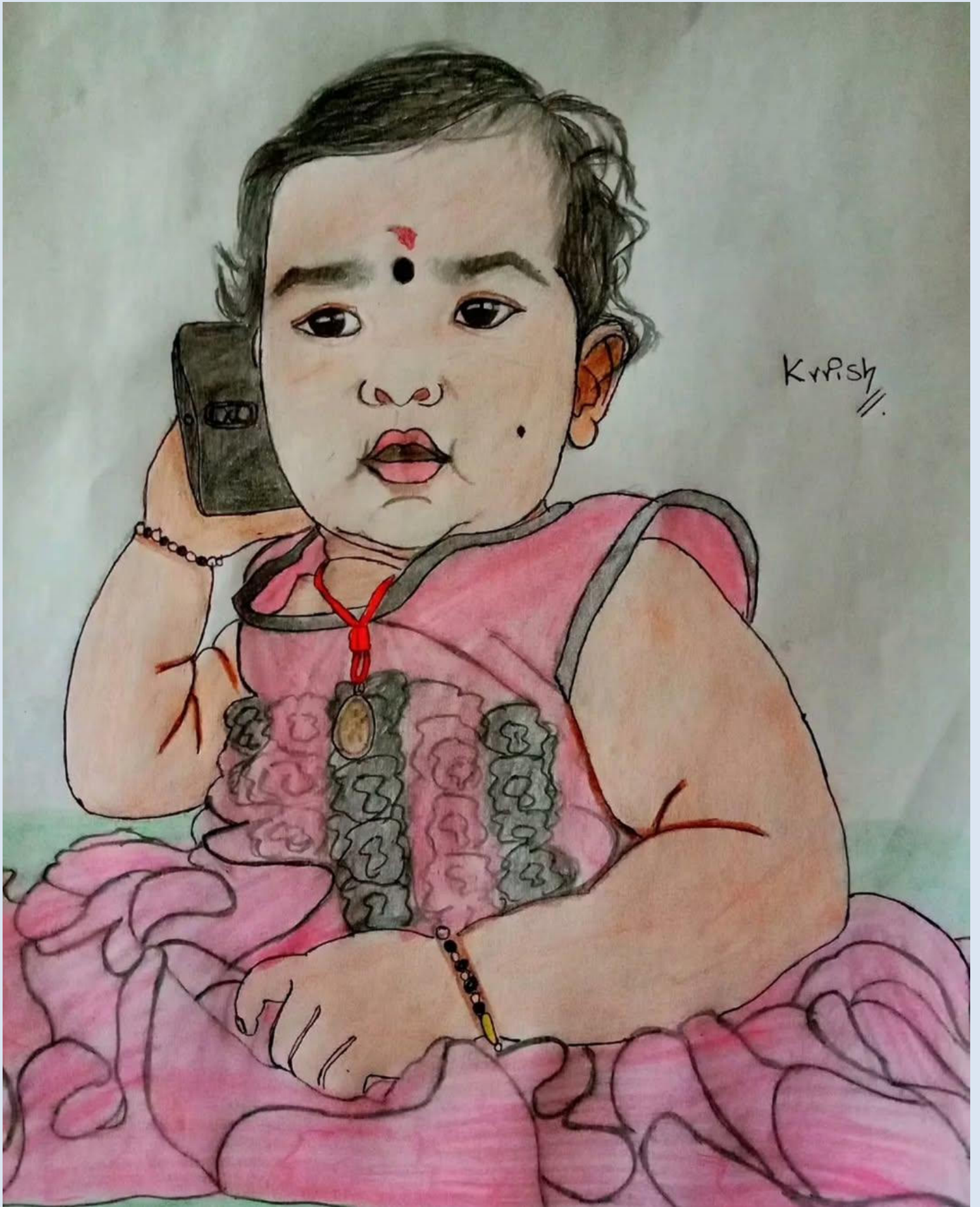
Seminar on Latest Practice in Civil Engineering and Importance of ACCE (INDIA) has been organized by Dept of Civil Engg on 24-10-2021 by Mr. B. Reddappa Naidu, consultant, Tirupati.



Technical seminar on Latest materials and latest testing technologies used by Ultra Tech 24-10-2021

Seminar on Latest Materials Being Used In Cement, Concrete and Also Latest Testing Technologies Used By Ultratech by Mr. Durga Rao, "Territory technical service manager" of "Ultra Tech group of industries" on 24-10-2021 at AITS, Auditorium.





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LETTER FROM THE *EDITOR*

November 1, 2021

Dear Reader,

Welcome to Volume 5, a vibrant mix of passion and precision. The Civil Engineering Department of AITS, Tirupati, actively fostered learning through a series of impactful events this semester.

From celebrating Engineers Day to hosting expert seminars on structural design, materials, and industry practices, students gained valuable insights into emerging trends. These initiatives reflect our continued commitment to innovation, knowledge sharing, and professional growth.

**Sincerely,
Miss Meenu Sri Priya
Editor-in-Chief**

