BUILD TRENDS

VISION
To be a nationally preferred department of learning for students and teachers alike, with dual commitment to research and serving students in an atmosphere of innovation and critical thinking.

MISSION
To provide high-quality education in Civil Engineering to prepare the graduates for a rewarding career in Civil Engineering and related industries, in tune with evolving needs of the industry. 
To prepare the students to become thinking professionals and good citizens who would apply their knowledge critically and innovatively to solve professional and social problems.

Overview
The Department of Civil Engineering was established in 2002. It offers students a solid grounding in better utilization of resources and greater standardization of construction processes required by the construction industry. Students are taught how to use and employ innovative design methods and techniques. Exposure to contemporary facets planning, construction design and project management are key aspects of the course. Annual intake of this Department is 120 students.

Program Outcomes
The Bachelor of Technology program aims to produce students that at the time of graduation will be able to:
Apply the knowledge of basic sciences and fundamental engineering concepts in solving engineering problems.
Identify and define engineering problems, conduct experiments and investigate to analyze and interpret data to arrive at substantial conclusions.
Propose appropriate solutions for engineering problems complying with functional constraints such as economic, environmental, societal, ethical, safety and sustainability.
Perform investigations, design and conduct experiments, analyze and interpret the results to provide valid conclusions.
Select/develop and apply appropriate techniques and IT tools for the design & analysis of the systems.
Give reasoning and assess societal, health, legal and cultural issues with competency in professional engineering practice.
Demonstrate professional skills and contextual reasoning to assess environmental/societal issues for sustainable development.

Demonstrate Knowledge of professional and ethical practices.
Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary situations.
Communicate effectively among engineering community, being able to comprehend and write effectively reports, presentation and give / receive clear instructions.
Demonstrate and apply engineering & management principles in their own / team projects in multidisciplinary environment.

Program Educational Objectives

♦ Engage in ongoing learning and professional development through self-study, continuing education in civil engineering and in other allied fields.

♦ Apply engineering skills, critical thinking and problem-solving skills in engineering practices or tackle social, technical and business challenges.

♦ Demonstrate professional excellence, ethics, soft skills and leadership qualities
CONSULTANCY

Being facilitated with well-equipped equipment and laboratories the Department of Civil Engineering always contributes a major role in the consultancy works offered to the government and private organizations around the districts and soon. As a part of Consultancy an amount of 1,33,700 rupees worth core related works were carried out by the faculty with respect to various specializations.

Seminars and STTP

SECTOR CLUB, Department of Civil Engineering, is organized a guest lecture on "CAREER GUIDANCE, SOCIAL RESPONSIBILITY AND COMMUNITY ENGAGEMENT OF YOUTH". Lecture delivered by: P. Rajkumar, QA/QC Engineer, Afcons Infrastructure Limited, Ghana, West Africa on 07.01.2020, 3.10 P.M for all 6th semester students.


19. Jegan J, Praveen S, Muthu Kumar B, Bhagavathi Pushpa T & Gokulan R “Box–Behnken Experimental Design for the Optimization of Basic Violet 03 Dye Removal by Groundnut Shell derived Biochar”, Desalination and Water Treatment, Accepted for publication, October 2020 (IF 1.320) (SCI Indexed)


32. B A V Ram Kumar, G Rama Krishna, “Sustainable Materials in the Production of Base and Sub Base Courses of Pavements”, IOP Material Science Engineering, June 2020. (Accepted for publication) (Scopus Indexed)


NATIONAL & INTERNATIONAL CONFERENCES


New Recruits

Mr. Karthik R, Asst. Prof.,
Department of Civil Engineering,
Joined in GMRIT on 3rd November 2020.

Ms. Reshma Das Mohapatra, Asst. Prof.,
Department of Civil Engineering,
Joined in GMRIT on 30th December 2020.

Ms. S. Sowjanya Asst. Prof.,
Department of Civil Engineering,
Joined in GMRIT on 7th April 2021