



CIVIL NEXUS

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY, THRISSUR
DEPARTMENT OF CIVIL ENGINEERING

2022-2023

SEP-DEC 2022



OUR VIDYA OUR PRIDE



Vision

Progress through quality education by keeping pace with new challenges in the field of Civil Engineering.

Mission

- M1: To provide an academic environment for the students for developing as capable professionals by empowering them with knowledge, skills, moral values and confidence.
- M2: To prepare the students to become global leaders of tomorrow by promoting team work practices and inculcating communication and managerial skills.
- M3: To equip the students to accept new challenges by ensuring effective teaching and learning processes; involving them in research, consultancy and development activities; and providing them with exposure to the state of the art infrastructure.

Program Educational Objectives (PEOs)

PEO-1: Our graduates will apply fundamental technical knowledge and skills to find creative solutions to technological challenges and problems in various areas of basic sciences and civil engineering and contribute to society and nation when solving engineering problems and producing reliable solutions.

PEO-2: Our graduates will contribute to the professional practice of their chosen field through effective communication, leadership, team work and service while exhibiting high ethical and professional standards in fulfilling their responsibilities to both employers and society.

PEO-3: Our graduates will continue lifelong learning through professional activities and training and take up higher education, engage in research and development in civil engineering and allied areas of science and technology.

Program Specific Outcomes (PSOs)

PSO-I: Engineering Knowledge: Achieve excellence in the areas of planning, analysis and designs related to all divisions of Civil Engineering with proper management and construction techniques.

PSO-II: Expertise in Multidisciplinary Environment Achieve effective communication skills to work in a team as a member or as a leader in diverse professional environments.

PSO-III: Responsibility: Achieve eminence in finding solutions to complex Civil Engineering problems through self-learning and research within certain realistic constraints such as global, economic, environmental, societal, safety, and sustainability context.

Program Outcomes (POs)

Engineering Graduates will be able to:

1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and Civil Engineering to the solution of complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

ACADEMIC ACTIVITIES

STUDENT ACHIEVEMENTS

CE student stands out well with prizes in panchayath level Keralotsavam in different dance forms



Vidya student always utilize their inherent potentials and bring out their talents in curricular and co-curricular activities with prizes. Nandhana V.R. (S5, CE Dept) participated in the Block Panchayath level Keralotsavam 2022 held at Anthikkad Block Panchayath on December 2022 and has secured second places with A grade in Kuchipudi, Mohiniyattam and Nadodiruttam. Keralotsavam is the national Youth Festival of Kerala. It is coordinated by Kerala State Youth Welfare Board. The event is organised by the Government of Kerala.

CE student bags second prize in spot dance



Sangeeth Sasi (S7, CE Dept) bagged second in spot dance category PRISMATIC AURA, an International management fest 'Inflore 2022' conducted by Rajagiri Centre for Business Studies (RCBS), Cochin. He also won the second prize in Zero Gravity spot dance organized by Government Engineering College, Thrissur.

DEPARTMENT ACTIVITIES

CE Dept welcomes Freshers 2022



To extend welcome for the first year B.Tech (2022-26 batch) of CE Dept and to encourage their creative impulses to boost their confidence, the Dept of CE hosted a welcome function for the freshers in their classroom on 31 October 2022. The program started with an introduction by Uthara P. Warriar (S7, CE Dept) followed by an inaugural speech by Dr C. Justine Jose (HoD, CE Dept). Later, Dr Abhilasha P.S. (Prof, CE Dept) and Mr. Kiran Babu A.R. (Association Head & Asst Prof, CE Dept) took over the stage and gave a brief introduction on the panel members. Ms. Anu Maria Antony (Asst Prof, CE Dept) also addressed the gathering. The freshers were gifted with gift hampers and notebooks for their fresh new beginning in the campus. They were warmly welcomed and the program ended with a bond with senior and juniors and unite to celebrate being part of the college.

Civil Dept celebrates Association Day 2022 with great fervor



The Civil Dept Association plays an important role in providing right platform to students for exploring their skills and knowledge through curricular and extra-curricular activities and have been organizing training programs/ seminars/ workshops on latest technology to enhance the technical skill-set of students. The Civil students The Civil Association hosted the annual association day organised by the newly formed association on 28 November 2022. The program started with a prayer followed by welcome dance performed by the final year students. The chief guest Mr. Kailas D. (2011 - 15 Batch, CE Dept) Project Execution Head in TDLC Ltd. and a Freelance contractor as Civil Engineer Consultant and Builder), Dr Saji C.B. (Principal) and rest of the participants were warmly welcomed by Dr C. Justine Jose (Prof. & HoD, CE Dept). Later on the Principal's address, the function was inaugurated by lighting the lamp. Shortly after the inaugural ceremony, Mr. Kiran Babu A.R. (Staff convener of Civil Engineering Association and (Asst Prof, CE Dept) delivered the agendas of the academic year 2022 – 2023 and introduced the panel members.

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