



St. Thomas College of Engineering & Technology

Vellilode, Sivapuram PO. Mattanur. Kannur District, Kerala

Approved by AICTE New Delhi, Govt. Of Kerala and Affiliated to APJ Abdul Kalam Technological University

GEEK-PRESS

Unveiling the World of Tech Wizards

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING



Geekzone
COMPUTER SCIENCE AND ENGINEERING ASSOCIATION

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PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1. Professional Practices

Apply engineering practices required for Software development, Hardware development and Embedded systems.

PEO2. Intrapreneurial Skills

Exhibit innovation, Self – confidence and teamwork skills in the organization and society.

PEO3. Lifelong Learning

Offer continuing education programmes in the emerging areas for the knowledge upgradation of stakeholders.

VISION OF THE DEPARTMENT

To produce globally competent and socially responsible Computer Science Engineers.

MISSION OF THE DEPARTMENT

M1: Professional Skills

Provide students with opportunities to become industry- ready professionals and entrepreneurs through analytical learning.

M2: Lifelong Learning

Maintain a lifelong learning attitude and stay current in their profession to foster personal and organizational development.

M3: Engage with Society

Encourage students to focus on sustainable solutions, to improve quality of life and social welfare.

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO1: Computer Science and Engineering students can analyse, design, develop, test and apply management principles, mathematical foundations in the development of computational solutions, making them experts in designing computer hardware and software.

PSO2: Develop their skills to solve problems in the broad area of programming concepts and appraise environmental and social issues with ethics and manage different projects in interdisciplinary fields.

PROGRAM OUTCOMES (POS)

Engineering Graduates will be able to:

PO1 Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2 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.

PO3 Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4 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.

PO5 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.

PO6 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.

PO7 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.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 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.

PO11 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.

PO12 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.

MASTERING LATEX SOFTWARE- A SCIENTIFIC DOCUMENTATION APPROACH



The Department of Computer Science and Engineering successfully organized a hands-on workshop titled "Mastering Latex Software - A Scientific Documentation Approach" on May 19, 2022. The event, held in the CSE Lab 1 from 9:30 AM to 12:00 PM, was specifically designed for B.Tech 3rd-year students of the CSE department.

The workshop's agenda was established during a department meeting on May 13, 2022, where key decisions were made regarding the workshop's timing, team members, and registration fee.

The team members selected to conduct the workshop were Ms. Dhanyaja N, Ms. Dinla OK, and Ms. Anu C, all Assistant Professors in the CSE department.

A total of 57 students participated in the workshop, gaining valuable insights and practical experience in using Latex software. The topics covered during the session included:

- Latex Installation
- Basics of Latex
- Report Preparation
- Beamer

The expenditure details for the event show an income of Rs 1710 from registration fees and an expenditure of Rs 350 for certificate printing, resulting in a balance of Rs 1360. The report also includes minutes from the department meeting, a proposal, a list of participants, and details about the program, along with a poster of the event, participation certificates, volunteer certificates, and snapshots of the event.



ONAM 2K22



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