ECE HERALD

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VISION

To produce professionally competent, ethically sound and socially responsible Electronics and Communication Engineers.

MISSION

M1: Provide excellent infrastructure and lab facilities for quality education.
M2: Promote industry-academic interactions to keep up with technological advancements.
M3: Develop interpersonal skills and social responsibility among students through project-based and team-based learning.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Exemplify technical competence in designing, analyzing, testing and fabricating electronic circuits.
Acquire leadership qualities, rapport, communication skills in the organization and adapt to changing professional and societal needs.
Work effectively as individuals and as team members in multidisciplinary projects

PROGRAM SPECIFIC OUTCOMES (PSOS)

Define design implement model and test electronic circuits and systems that perform signal processing functions.
Segregate and select appropriate technologies for implementation of a modern communication system.

PROGRAM OUTCOMES (POS)

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
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.
Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate conpcidoration for the public health and safety and the cultural, societal, and environmental considerations.
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.
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.
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.
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.
Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
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
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.
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.

EVENTS

CONVOCATION CEREMONY 2023

On September 9, 2023, St. Thomas College of Engineering and Technology hosted the Convocation Ceremony for the 2019-2023 batch. Chief Guest V P Balagangadharan, former space scientist of VSSC, delivered an inspiring keynote address. Anusree K of 2019-23 batch was recognized as the college topper during the event, and graduates were awarded their degrees, celebrating their academic achievements with family and faculty.

ALUMNI MEET 2023

On September 9, 2023, St. Thomas College of Engineering and Technology hosted Alumni Meet 2023, a vibrant gathering that brought former students back to their alma mater. The event featured inspiring addresses from alumni, engaging cultural performances, and moments of nostalgic reflection. The meet provided a wonderful opportunity for graduates to reconnect with friends, faculty, and cherished memories, celebrating the enduring bond of the STM community.

TWO-DAY WORKSHOP ON EMBEDDED SYSTEM DEVELOPMENT

On October 12-13, 2023, the Departments of Electronics and Communication Engineering and Mechanical Engineering, in collaboration with IEDC STM, hosted an two-day workshop on Embedded System Development. The workshop aimed to provide participants with a comprehensive understanding of embedded systems, including their applications and practical aspects of design and programming. Mr. Kathiru Santhikumar, CEO of ThinkFotech Innovations, served as the resource person, bringing expert knowledge and industry experience to the sessions.

STAFF ACHIEVEMENTS

NPTEL

◆ Dr. Anetha Mary Soman & Mr. Nithin C. have successfully completed the NPTEL course Accreditation and Outcome Based Learning in Elite-Silver category.

FACULTY DEVELOPMENT PROGRAMS

◆ Mr. Manu Thomas, Mr. Nivin V. K & Ms. Sreetha Sreedhar K attended a 5-Day FDP on VLSI to system design - Silicon to end application approach, organized by AICTE, ARM Education and STMicroelectronics.

STUDENT ACHIEVEMENTS

◆ Abhay Rithik, Anujith K, Erin Ruksheed, K Sana Fathima, Sheik Muhammed Sahad and K Gautham Krishna have successfully completed the NPTEL course Digital Circuits.

◆ Navaneeth Narayanan of S3 ECE secured first place and Samanyu N Jills of S1 secured second place in CANVAS CLASH poster designing competition organised by GEEKZONE.

◆ Muhammed Muaadh Farook of S7 ECE was qualified for Interzonal Table Tennis tournament conducted by APJ Abdul Kalam Technological University.

◆ Rishikesh N of S3 ECE was qualified for KTU F-ZONE Badminton (Zonal Level).

◆ Safna O V of S3 ECE was qualified for KTU F-ZONE Chess (Zonal Level).

◆ Rishikesh N of S5 ECE was qualified for KTU F-ZONE Badminton (Zonal Level).

◆ Yadhukrishnan M S1 ECE was qualified for KTU F-ZONE Volleyball (Zonal Level).

◆ Amshiga Ranjith, Hridik N, Navaneeth Narayanan, Vignesh T, Ramees Muhammed Kandoth, Marjana T, Hanan M V, Anujith K, Krishnendhu S Nair, K Gautham Krishna and Viswajith V V have successfully completed the C Training offered by the Spoken Tutorial Project, IIT Bombay.

PLACEMENTS

Dominic Pious
(GICE)

Dhyan Biju T K
(Planet Spark)

Nikhil Das
(Planet Spark)

"GENIUS IS ONE PERCENT INSPIRATION AND NINETY-NINE PERCENT PERSPIRATION."

- THOMAS EDISON

EDITORIAL TEAM

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