

"A Unit of Vidya International Charitable Trust"

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MONTHLY NEWS AND EVENTS

1st OCTOBER 2025 to 31st OCTOBER 2025

↓EVENTS/TALKS/SEMINARS/CONFERENCE

✓ WORKSHOP ON CST MICROWAVE STUDIO

The Department of Electronics and Communication Engineering

Department of Electronics and Communication Engineering, Vidya Academy of Science and Technology Technical Campus, Kilimanoor, in association with ELECTA, organised a workshop on CST Microwave Studio for the 2022-26 Batch ECE students on 4th October 2025 at SB 716, ECE Computer Lab. Mr Sreekuttan S, Junior Software Engineer, Assuretech Business Solution, 2020-24 Batch Alumni, handled the session.

The session started with a brief introduction by Ms Anjana N, Assistant Professor of ECE. The workshop covered the basic design steps of a Microstrip Patch Antenna in the CST Software. Sample designs were also made. 33 students participated. The session came to an end at 3:30 PM.

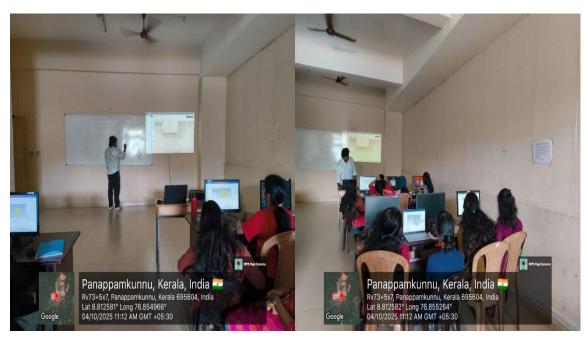


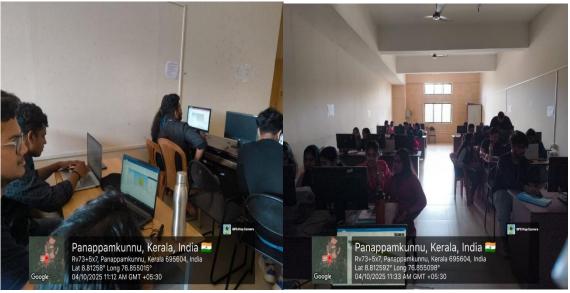


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Glimpses of the session

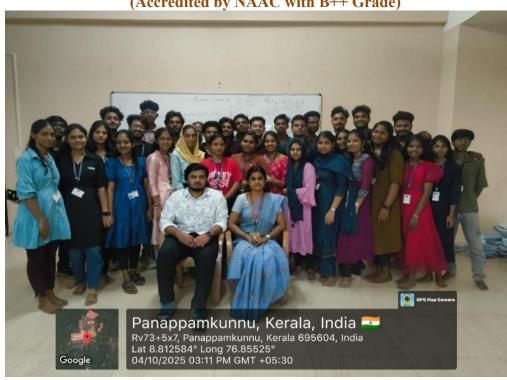






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✓ SEMINAR ON 'EXPLORATION OF WIDE RANGE OF FLOORING TILES:
MATERIALS, DESIGN AND APPLICATIONS'

Department of Civil Engineering



The Department of Civil Engineering organized an interactive seminar session for the Final Year and Third Year students (2022 and 2023 batches) on the topic "Exploration of a Wide Range of Flooring Tiles: Materials, Design and Applications" on 06th October 2025 (Monday) from 2:00 p.m. to 4:00 p.m. The event was coordinated by Ms Pooja M. Vijay (Assistant Professor, CE) and conducted at SB 705.

A total of **67 students** actively participated in the session. The resource person for the seminar was **Er. Prijeesh**, **CEO** and **Founder of Rajadhani Constructors**, **Trivandrum**, delivered an insightful and engaging presentation on the various flooring tiles, their material composition, design aspects, and practical applications.



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All the faculty members of the department extended their wholehearted support, contributing to the successful organization and smooth conduct of the programme.

✓ SEMINAR ON "AI AT WORK – SMART WAY TO MANUFACTURING"

Department of Mechanical Engineering

Mr. Arun K. L., Assistant Professor, Department of Mechanical Engineering, Vidya Academy of Science and Technology Technical Campus, Kilimanoor, delivered an invited lecture on the topic "Artificial Intelligence–Enabled Process Optimization in Additive Manufacturing: A Smart Path to Sustainable Production" during the One Day Seminar on "AI at Work – Smart Way to Manufacturing: Challenges and Way Forward", organized by The Institution of Engineers (India), Kerala State Centre, in association with Government Engineering College, Barton Hill, Thiruvananthapuram, on 7th October 2025.

The session emphasized the integration of Artificial Intelligence (AI) in Additive Manufacturing (AM) to enhance process optimization, precision, and sustainability in modern production systems. Mr Arun elaborated on how AI-driven algorithms and data analytics are revolutionizing manufacturing by reducing energy consumption, minimizing material waste, and achieving superior product quality, thereby paving the way toward smart and sustainable manufacturing.



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TECH TALK ON "PROFESSIONAL OPPORTUNITIES THROUGH SAEINDIA"

Department of Mechanical Engineering



The Department of Mechanical Engineering, Vidya Academy of Science and Technology Technical Campus, Kilimanoor, organized an enlightening Tech Talk on the topic "Orientation – Professional Opportunities through SAEINDIA" on 10th October 2025 at 2:00 PM in the Mechanical Engineering Seminar Hall.

The resource person for the session was **Dr.** Chacko **Preno Koshy**, **Joint Secretary**, **SAEINDIA Cochin Division**. Dr Koshy delivered an inspiring lecture emphasizing the wide range of professional prospects and benefits available to engineering students through active participation in **SAEINDIA**. He underscored the pivotal role of technical societies in **shaping students' careers**, **enhancing technical competence**, and **bridging the gap between academia and industry**.



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The event was organized under the banner of **Mechanical Arms**, the Mechanical Engineering Association of the college. The session offered valuable insights into how SAEINDIA fosters **innovation**, **technical excellence**, and **networking opportunities** for aspiring engineers.

The talk concluded with an engaging **interactive Q&A session**, where students clarified their queries and discussed future prospects. Faculty members and students from the Department of Mechanical Engineering actively participated, making the event both **informative** and **motivational** for all attendees.





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✓ BLOOD DONATION CAMP AT GHSS THATTATHUMALA

NSS Unit, VAST TC

The NSS Unit of Vidya Academy of Science and Technology Technical Campus (VAST TC), Kilimanoor, actively participated in a Blood Donation Camp organized at GHSS Thattathumala on 7th October 2025.

A dedicated team of 9 student volunteers from S1 Mechanical Engineering, accompanied by Mr. Rahul Raj (AP, Mechanical), Mr. Sajith Krishnan (AP, Mechanical), Mr. Chandu C. B. (AP, ECE), Mr. Sajeer A. (NSS Programme Officer), and drivers Mr. Bismi and Mr. Sameer S., represented the college at the programme. In a remarkable display of service and compassion, the NSS Programme Officer, accompanying faculty members, and even the drivers also donated blood, setting a commendable example of commitment to social responsibility.

The **Principal and faculty of GHSS Thattathumala** expressed their heartfelt appreciation for the enthusiastic participation of the VAST TC team. The event proved to be an **inspiring experience for the student volunteers**, strengthening their understanding of **empathy**, **teamwork**, and community service.



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✓ Seminar on "Artificial Intelligence and Machine Learning in Industry"

Department of Computer Science and Engineering

The Department of Computer Science and Engineering at Vidya Academy of Science and Technology Technical Campus (VAST TC), Kilimanoor, successfully organized an enlightening seminar on "The Role of AI & ML in Industry" on October 15, 2025.

The event served as a **valuable platform** for students and faculty to gain practical insights into the rapidly evolving domains of **Artificial Intelligence (AI)** and **Machine Learning (ML)**.

The session was led by Ms. Anna Michael, AI Director at Wells Fargo, Bangalore, and a distinguished leader in AI-based solutions. Drawing from her extensive industry experience, Ms. Anna Michael shared deep insights on how global organizations are leveraging AI and ML for predictive modelling, process optimization, and enhancing customer experience in the financial and technology sectors.

The programme commenced with a welcome address by Ms. Beena V. R., Assistant Professor, CSE, followed by a presidential address by Dr C. Brijilal Ruban, Head of the Department, CSE, who emphasized the department's commitment to nurturing industry-ready talent through continuous learning and exposure to emerging technologies.

The event concluded with an interactive feedback session from S7 CSE students, followed by a vote of thanks delivered by Ms Anju M. R., Assistant Professor, CSE.

The department extended its heartfelt **gratitude to Ms. Anna Michael** for sharing her time, knowledge, and expertise, making the session both **insightful and inspiring** for the entire academic community.



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✓ <u>IEEE SIGNAL PROCESSING SOCIETY INAUGURATION</u>





The IEEE Signal Processing Society (SPS) Student Chapter of Vidya Academy of Science and Technology Technical Campus (VAST TC) was inaugurated on 18th October 2025 at 1:30 PM in Room SB 615.



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The event was graced by **Dr B. S. Manoj**, Chair of IEEE Kerala Section *and* Senior Professor & Associate Dean at IIST, Trivandrum, who served as the **Chief Guest** and delivered an insightful **inaugural address**. His talk inspired students to explore advancements in **signals**, **systems**, and **smart communication technologies**.

The programme commenced with a **welcome address** by **Mr Chandu C. B.**, Faculty Advisor, IEEE SPS Student Chapter, followed by a **presidential address** by **Dr T. Mathavaraj Ravikumar**, Principal, VAST TC. **Brig. K. S. Shaji**, Director, and **Dr Jayarenjini N.**, Head of the Department of ECE, extended their **felicitations**, appreciating the initiative and highlighting its significance in enhancing research and innovation culture among students.

The event concluded with a **vote of thanks** delivered by **Ms Ardra V.**, Chair of the IEEE SPS Student Chapter.

The inauguration marked a significant milestone for the IEEE Student Branch of VAST TC, creating a dedicated platform for innovation, collaboration, and learning in the field of modern signal processing technologies.



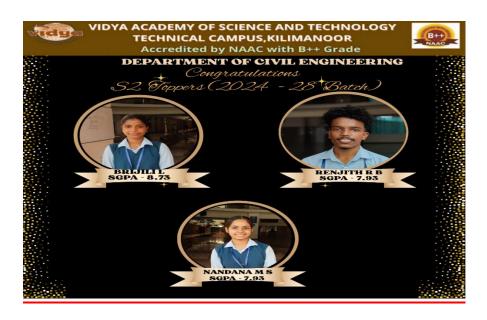


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- **♣** STUDENTS ACHIEVEMENTS
 - ✓ S2 RESULTS-TOPPERS

Department of Civil Engineering



Department of Mechanical Engineering

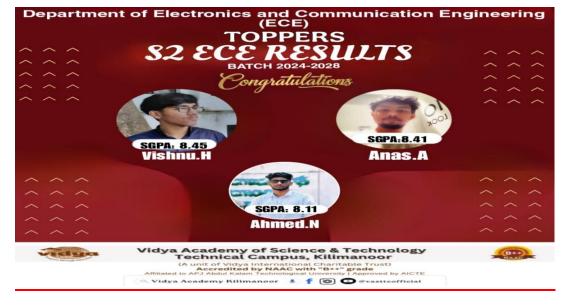




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Department of Electronics and Communication Engineering



Department of Computer Science and Engineering





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✓ Data Science Excellence: S5 CS Students Achieve NPTEL Certification!

The Computer Science Department is pleased to report the successful completion of the NPTEL online certification course, "Python for Data Science," by four S5 students. This rigorous 4-week course on the month July-August 2025, administered by the Indian Institute of Technology Madras (IIT Madras), equipped the students with foundational and practical skills in Python programming for data analysis. The certifications were awarded based on successful performance in the online assignments and the mandatory proctored examination.

The students who have secured this valuable certification are:

- Abhiram
- ❖ Adith Pradhan
- Nithil Krishna A R
- Sidharth S

The commitment demonstrated by these students to pursue technical excellence outside of the regular curriculum is commendable. This achievement underscores the drive of the department's students to acquire in-demand, industry-relevant skills.







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✓ VAST-TC Student Kicks Off Batch with District Karate Championship Gold

The Vidya Academy of Science and Technology Technical Campus (VAST TC) community proudly celebrates the remarkable achievement of Vaishnav G. Pillai, a student from the newly inducted CSE 2025–29 Batch, who secured the First Prize in the Trivandrum District Karate Championship 2025.

Vaishnav's outstanding performance in the martial arts competition has brought great pride and recognition to the campus. His victory is a testament to his discipline, rigorous training, and unwavering dedication, proving that true excellence can be attained through a balanced pursuit of academic success and extracurricular passion.

The college management, faculty, and student community extend heartfelt congratulations to Vaishnav G. Pillai on this impressive accomplishment and express confidence that he will continue to achieve even greater milestones.



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CONGRATULATIONS III

VAISHNAV G PILLAI
CSE 2025-29 BATCH

FIRST PRIZE IN TRIVANDRUM DISTRICT KARATE
CHAMPIONSHIP 2025

✓ STUDENTS SELECTED FOR SPONSORED TRAINING AT FORBES MARSHALL

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Six students from the **Department of Electronics and Communication Engineering** at Vidya Academy of Science and Technology, Technical Campus (VAST TC), have been selected for a **sponsored industrial training program** at **Forbes Marshall**.

The selected students from S7 ECE (Batch 2022–26) are Mr Abhiram A.S, Ms Ardra V, Ms Athira A, Ms Gayathri S, Ms Sneha Raj M, and Ms Navajyothika G.

This opportunity will provide the students with hands-on industry exposure and practical training in collaboration with Forbes Marshall, a leading organization in process efficiency and energy conservation. The experience is expected to enhance their technical competencies and broaden their understanding of industrial applications in the field of Electronics and Communication Engineering.

✓ RECORD-BREAKING INNOVATION: THE INDIA BOOK OF RECORDS





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The Department of Computer Science and Engineering at Vidya Academy of Science and Technology, Technical Campus (VAST TC), is proud to celebrate a remarkable achievement by Aromal S. (Batch 2025–2029), who has earned a place in the India Book of Records (IBR).

Aromal was recognized as an 'IBR Achiever' for the successful development of 'SynapseDB', an innovative database management system that operates without the need for any programming language — a groundbreaking concept in database technology.

This milestone highlights the **spirit of innovation and creativity** nurtured within the department. Aromal's success not only reflects his technical excellence but also exemplifies the **potential of young minds to redefine conventional computing paradigms**. His achievement marks a significant contribution toward the evolution of **user-friendly and accessible database technologies**.

✓ CSE DEPARTMENT CELEBRATES 9+ SGPA ACHIEVERS IN KTU EXAMINATIONS





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The Department of Computer Science and Engineering at Vidya Academy of Science and Technology, Technical Campus (VAST TC) proudly celebrates the outstanding academic achievements of its students who secured 9+ SGPA in the recent KTU examinations.

A felicitation ceremony was held to honour these high achievers, recognizing their dedication, hard work, and consistent pursuit of academic excellence. The event was graced by faculty members and dignitaries of the institution, who congratulated the students for setting a benchmark of excellence and inspiring their peers.

The department continues to uphold its commitment to nurturing talented professionals who excel both academically and technically.

↓ FACULTY ACHIEVEMENTS

✓ RECOGNIZED FOR PYTHON EXPERTISE BY ICFOSS





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The Department of Computer Science and Engineering proudly recognizes the achievement of Ms. Beena V. R., Assistant Professor, who has been awarded a Certificate of Appreciation for the successful completion of the Online Certificate Program in Engineering with Python (30 Hrs). The program was organized and conducted by ICFOSS (International Centre for Free and Open Source Solutions), an institution recognized by Jawaharlal Nehru University (JNU) and the Department of Electronics & IT, Government of Kerala.

Held from 13th August to 2nd September 2025, the program aimed to enhance participant's technical expertise in Python and its applications in engineering. The final project presentation was held on 18th October 2025. This achievement stands as a testament to Ms. Beena V. R.'s dedication to continuous learning and her commitment to promoting Open-Source technologies in the academic and professional domains.

✓ FACULTY MEMBERS EXCEL IN AICTE ATAL FDP ON "AI IN EDUCATION"





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We are delighted to share that Ms. Jisha Raj T and Ms. Vindhya Vijayan, Assistant Professors at Vidya Academy of Science and Technology, Technical Campus (VAST TC), have successfully completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program (FDP) on "AI in Education", organized by Abdul Razzak Kalsekar Polytechnic from 13th to 18th October 2025.

Their active participation and dedication to continuous professional growth reflect VAST TC's commitment to academic excellence, innovation, and the integration of emerging technologies in education.



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SUGGESTIONS & SUPPORT

We value your suggestions for improvement. For contact or assistance on related matters, please email us at wednesdaynews@vidyatcklmr.ac.in. We will get back to you as soon as possible.

Wednesday News Team