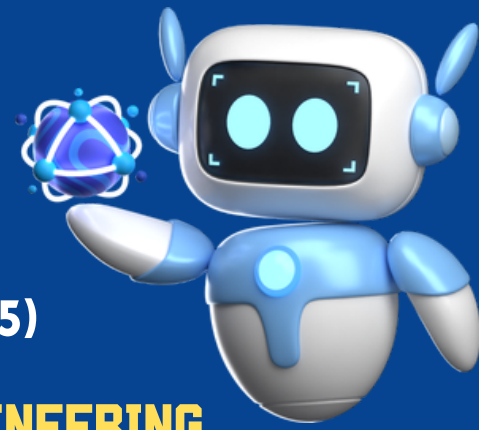




RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
Degree awarded by KTU



NEWSLETTER Vol (Nov-2025)

DEPARTEMENT OF COMPUTER SCIENCE & ENGINEERING

Message from HOD



Dr. Sangeetha Shibu

Head of the Department

Department of Computer Science & Engineering
RIET

It is a matter of great pride to present this newsletter as the Department of Computer Science and Engineering at RIET continues to lead in technological innovation. In this era of Artificial Intelligence and Cloud Computing, our mission remains focused on nurturing technically proficient and ethically grounded engineers. The remarkable achievements of our students—from winning national hackathons to securing top-tier global placements—reflect the powerful synergy between our dedicated faculty and the ambitious student body of the Computer Science and Engineering department. Our department provides a holistic ecosystem that encourages research, critical thinking, and hands-on problem-solving. As you browse these pages, you will witness the vibrant spirit of inquiry and the technical projects that define our culture at RIET. I urge all students to remain curious and embrace the challenges of this evolving digital landscape with integrity. Let us work together to ensure the Department of Computer Science and Engineering remains a benchmark for excellence in engineering education.

INSTITUTION

VISION

Groom the Youth as Innovative, Creative and Empathetic Technologists, Hospitality Professionals, Managers and Entrepreneurs for Social Transformation

MISSION

M1: To encourage holistic development of students with well balanced curricular, co-curricular and extra-curricular activities.

M2: To promote ethical and value-oriented teaching, research and consultancy among faculty and students for social transformation.

M3: To interact with industrial organizations, governmental agencies, and engineering, hospitality and business enterprises for collaborative learning

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1: EXHIBIT KNOWLEDGE AND PROFICIENCY IN VARIOUS DOMAINS OF COMPUTER

SCIENCE & ENGINEERING.

PEO2: DEVELOP INNOVATIVE COMPUTING PRODUCTS FOR RECONCILE CONTEMPORARY

ISSUES IN INDUSTRY.

PEO3: DEMONSTRATE TEAM WORK, ETHICAL LEADERSHIP AND PROMOTE ENTREPRENEURSHIP

PROGRAM SPECIFIC OUTCOMES

PSO 1 ABLE TO ANALYZE AND DESIGN SOLUTIONS FOR COMPLEX PROBLEMS IN COMPUTING TECHNOLOGIES USING SOFTWARE PROJECT MANAGEMENT CONCEPTS AND PROGRAMMING LANGUAGES.

PSO 2 DEVELOP PROFICIENCY IN INTERDISCIPLINARY AREAS OF COMPUTER ENGINEERING TO PERFORM TASKS RELATED TO INDUSTRY & RESEARCH

PSO 3 COMPETENT TO SOLVE REAL WORLD PROBLEMS PERTAINING TO PRODUCTS AND SERVICES IN INFORMATION TECHNOLOGY.

DEPARTMENT

VISION

To be a premier department nurturing students to be strong in core and interdisciplinary knowledge, employable skills, industrially competent, innovative and creative professionals with ethical values

MISSION

M1: To develop competency in Computer Science & Engineering through outcome based education

M2: To imbibe the culture of creativity and critical thinking to enhance research and innovations in advanced computing technology.

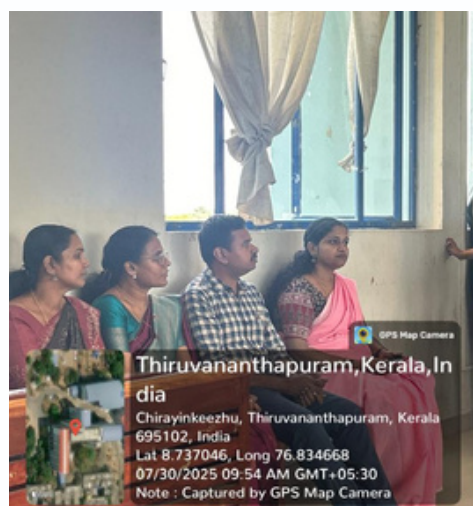
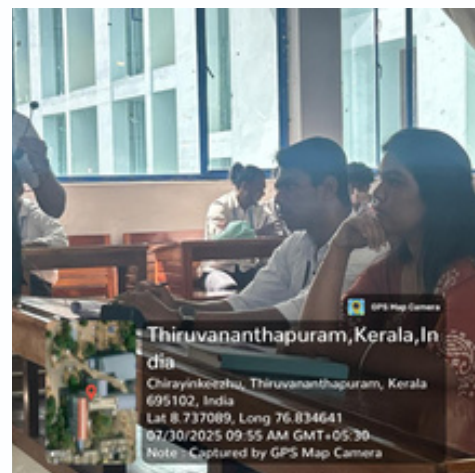
M3: To enhance leadership, problem solving and entrepreneurial skills to transform social responsibilities with ethical values

CSI DEBATE COMPETITION

2025

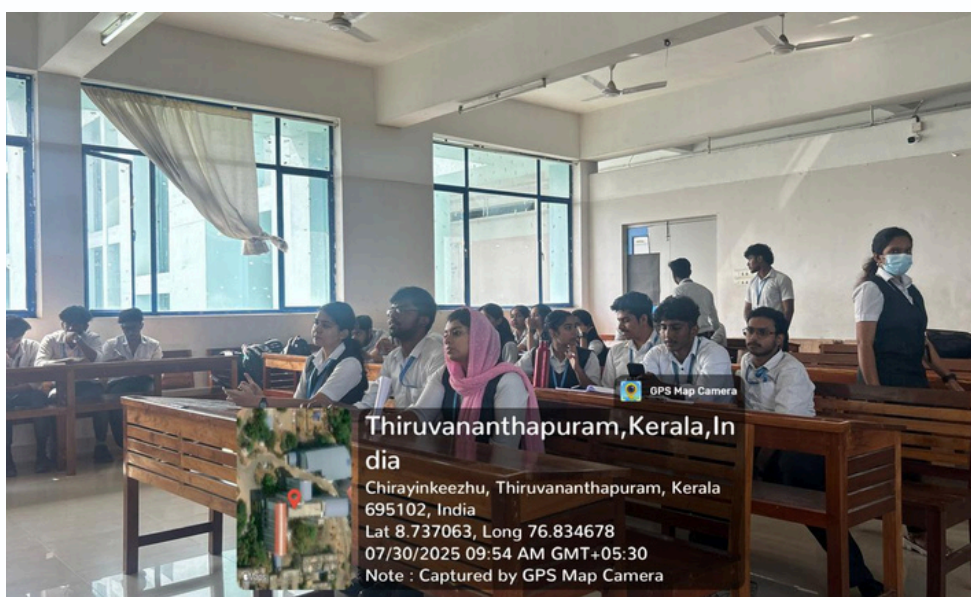
The Debate Overview

The Computer Society of India (CSI) student chapter at RIET successfully organized the CSI Debate Competition 2025, a multi-round intellectual tournament that challenged students to articulate complex technical arguments. The competition commenced on July 30, 2025, with preliminary rounds and quarterfinals that tackled controversial topics ranging from AI integration in software deployment to the security of open-source software. Under the guidance of Faculty Coordinator Mrs. Arya A R, the event followed a structured format where team pairings and motions were decided by lots, ensuring an unbiased and rigorous competitive environment.



As the competition progressed into the later stages in mid-August, the intensity peaked during the semi-finals and grand finale. Elite teams like CSE SQUAD, BLITZ, and AETA engaged in high-stakes arguments concerning the potential of edge computing and the critical nuances of AI governance. The judges praised the participants for their technical depth and structured argumentation, noting that the event effectively fostered essential skills in public speaking, technical research, and analytical thinking among the computer science students.

The grand finale featured a compelling debate on whether AI governance should be led by tech giants or government entities. After a series of rapid-fire rebuttals and persuasive closing statements, Team AETA emerged as the definitive winners of the 2025 edition. Dr. Sangeetha Shibu, Head of the Computer Science Department, presented the winning team with a cash prize during the concluding ceremony, celebrating their intellectual victory



Alumni Talk:

"CAREER READINESS AND TRENDS IN THE SOFTWARE INDUSTRY"



THE ALUMNI TALK OVERVIEW

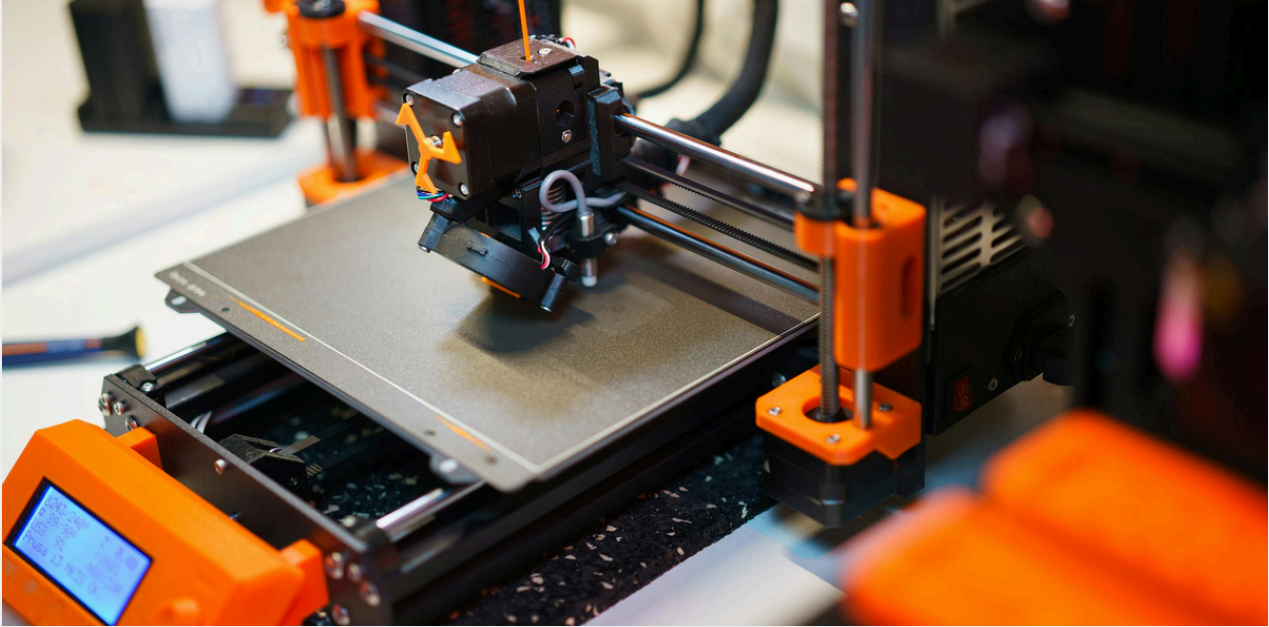
On July 18, 2025, the Department of Computer Science & Engineering at RIET hosted an insightful industry-oriented session titled "Career Readiness and Trends in the Software Industry".

This alumni talk featured Mr. Sharath Nair, a prominent alumnus from the 2017-21 batch and a current Software Developer II at Oracle India. The session was split into two segments: a morning talk for final-year B.Tech CSE students followed by an afternoon session dedicated to the CSE Cyber Security branch



During the session, Mr. Nair provided a comprehensive overview of current software trends, highlighting the rising dominance of AI/ML, cloud computing, full-stack development, and cybersecurity. He shared practical advice on the specific competencies employers seek in fresh graduates, emphasizing that while technical skills like programming are vital, soft skills such as communication, adaptability, and collaboration are equally critical for long-term career growth.

3D PRINTING WORKSHOP

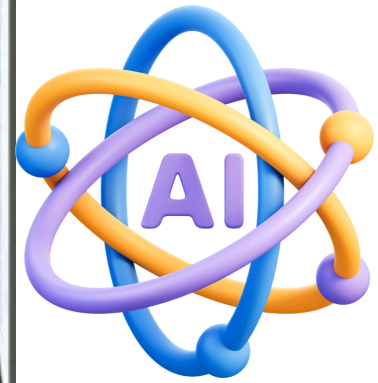


The 3D Printing Workshop, presented by Mulearn RIET, offered students an immersive gateway into the world of additive manufacturing. Under the guiding philosophy that the future is something we create "layer by layer," the session provided a comprehensive look at how innovation meets creativity in the modern engineering landscape.

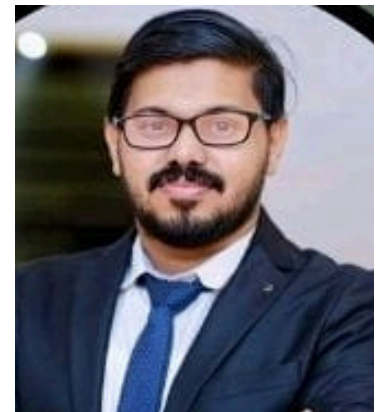
Participants were introduced to the foundational principles of the technology, moving from an overview of various 3D printer types to the more technical nuances of design and slicing basics.



Beyond the technical skills acquired, the workshop served as a vibrant hub for collaboration and curiosity among RIET's aspiring innovators. By providing free registration and open access to state-of-the-art facilities, Mulearn RIE successfully fostered a community of makers ready to tackle the challenges of tomorrow.



Inauguration of RAISE



The Inauguration Overview

The Rajadhani Institute of Engineering and Technology (RIET) marked a significant technological milestone with the formal inauguration of RAISE (Rajadhani AI Society of Enthusiasts) on September 15, 2025. The event, held at the MBA ground floor Mini Auditorium, was specifically designed to foster a community of learners dedicated to the rapidly evolving fields of Artificial Intelligence and Machine Learning. The morning ceremony featured traditional elements, including a symbolic lighting ceremony and a prayer, followed by the highly anticipated unveiling of the official RAISE logo and promotion video. Dignitaries, including the Principal and Head of the Department, addressed the gathering, emphasizing the institutional vision for student innovation and the vast career opportunities available within the AI landscape

The keynote address was delivered by Muhammed Raees PC, an innovative Electronics Engineer, AI Researcher, and the Founder & CTO of Edutecnica. Raees Sir shared profound industry knowledge, discussing the future scope of AI hardware and software while introducing students to cutting-edge innovations such as AI-generated womb facilities. The session transitioned into a motivational talk that encouraged students to transform their creative ideas into meaningful professional achievements.



Overclocked CTF 2025

THE COMPETITION OVERVIEW

The Overclocked CTF 2025 was an intense 24-hour in-person cybersecurity marathon held at the Rajagiri School of Engineering & Technology in Kakknad. The challenge required participants to navigate through a series of complex puzzles involving ciphers, advanced cybersecurity protocols, coding, and logical problem-solving.

This high-stakes environment tested not only the technical brilliance of the competitors but also their endurance and ability to perform under the relentless pressure of a ticking clock.



The Department of Computer Science & Engineering (Cyber Security) at RIET showcased exceptional dominance by securing the top two positions in this prestigious state-level event. Team CenterfreSSH, consisting of Mohammad Aman, Rahul Raj V M, and Sonu Biju, emerged as the overall champions, claiming the First Prize.

These victories serve as a powerful testament to the technical caliber and problem-solving spirit fostered within the S5 Cyber Security batch at RIET. By sweeping the primary awards at a major inter-collegiate hackathon, our students have set a new benchmark for excellence in the field of information security.

FROSTBYE: A CTF HACKATHON

GALLERY



SCULPTURE



TRADITION



HISTORIC



ANCIENT

THE HACKATHON OVERVIEW

The Department of Computer Science and Engineering (Cyber Security) at Rajadhani Institute of Engineering and Technology (RIET) celebrated another significant milestone at the Frostbye CTF Hackathon. Held at the Rajagiri School of Engineering & Technology in Kochi, this Capture The Flag (CTF) competition challenged participants to navigate complex cybersecurity vulnerabilities and technical puzzles.



The event served as a platform for the brightest young minds in the field to showcase their skills in offensive and defensive security strategies.

Representing RIET with exceptional technical prowess, Team b33tr00t secured a prestigious Second Place finish. The team, comprised of S6 Cyber Security students Nithin M Das, Adil Jaffer Mohamed, and Avesh V Pillai, demonstrated remarkable teamwork and problem-solving endurance throughout the hackathon.

This victory at Frostbye further solidifies the reputation of RIET's Cyber Security department as a premier hub for elite technical talent. By consistently performing at the highest levels in external hackathons, our students prove that their classroom learning translates effectively into real-world industry expertise. Congratulations to Nithin, Adil, and Avesh for their technical brilliance and for bringing continued pride to the institution.



"IN THE WORLD OF CYBERSECURITY, THE GREATEST WEAPON ISN'T A LINE OF CODE, BUT THE PERSISTENCE TO FIND THE ONE THAT'S MISSING."

ACHIEVEMENTS OF STUDENTS



EDITORIAL BOARD



MS. SANDHYA K R



AFREEN JENIFER A

S6 CSE