Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

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THE COTERIES BULLETIN

NEWSLETTER BY THE DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING



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OUR VISION

To make the Mechanical Engineering Program a Centre of Excellence in Professional Education and Research.

OUR MISSION

- To provide quality education for moulding competent professionals in Mechanical Engineering.
- To promote collaborative activities and positive contributions to society. To facilitate a continuous learning environment.



DEPARTMENT OF MECHANICAL ENGINEERING

ABOUT ASIET

The Adi Shankara Institute of Engineering & Technology (ASIET), established in Kalady, aims to provide value-added technical education that fosters professional excellence and ethical values in students. Managed by the Adi Sankara Trust, a respected educational organisation under the blessings of His Holiness Jagadguru Sri Sri Bharati Tirtha Mahasannidhanam and His Holiness Jagadguru Sri Sri Vidhushekhara Bharati Sannidhanam of Dakshinamnaya Sri Sharada Peetham, Sringeri, the trust has operated various educational institutions for over 50 years.

Founded in 2001, ASIET is committed to the holistic development of its students. It is affiliated with A P J Abdul Kalam Technological University, approved by AICTE, and offers UG, PG, and PhD courses. Five of its streams (CE, CSE, ECE, EEE, and ME) are NBA accredited, reflecting its commitment to quality education.

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INSTITUTIONAL EVENTS



AAKASHIEN 2026 – CELEBRATING ALUMNI EXCELLENCE

Adi Shankara Institute of Engineering and Technology hosted Aakashien 2026, celebrating 25 years of alumni excellence and the Silver Jubilee of the Alumni Association. The event brought together distinguished alumni, faculty, and students, fostering meaningful interactions and inspiring the next generation. The gathering highlighted the institute's strong alumni network, achievements, and enduring connection with its graduates.





BALLENZA 2026 – Football Fiesta









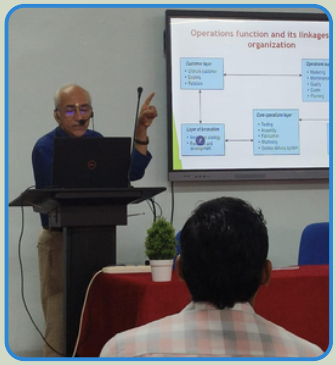


BALLENZA 2026, held on 18 July 2026 at the College Ground, brought the excitement of the FIFA World Cup 2026 to ASIET. The event featured a thrilling 7's Shootout Competition and a vibrant Jersey Day, celebrating football, teamwork, sportsmanship, and the passion of the ASIET community.

DEPARTMENT EVENTS

Expert Talk on Operations Management







The Department of Mechanical Engineering, in association with the ASME ASIET Student Section, organized an Expert Talk on "Operations Management" on 17 July 2026. Dr. R. Sreedharan, Retired Professor, NIT Calicut, shared practical insights on planning, productivity, resource utilization, and decision-making, helping students understand the role of operations management in modern engineering organizations.



GATE Awareness Programme for S3 Mechanical Students





A GATE Awareness Programme was conducted for the S3 Mechanical Engineering students to introduce them to the GATE examination, its pattern, syllabus, and significance. The session highlighted the opportunities available through GATE, including higher studies and career prospects. It also encouraged students to begin their preparation early and build a strong foundation in core engineering subjects.

IIW EVENTS

Faculty Achievement: New Member on IIW Management Committee

Dr. Nidhin Raj A, Associate Professor, Department of Mechanical Engineering, has been selected as a Permanent Member of the Management Committee of the Indian Institute of Welding (IIW), Cochin Branch.

This achievement is a proud moment for the faculty, department, and college. His new role strengthens the college's connection with the professional engineering community and promotes opportunities for academic and industry collaboration. The college congratulates Dr. Nidhin Raj A and wishes him continued success in his new responsibility.



FACULTY ACHIEVEMENTS

Fostering Innovation Through Mentorship





Dr. Eldose K. K. and Dr. Sandeep O. S., Department of Mechanical Engineering, ASIET, served as Resource Persons for the session “Innovation and Entrepreneurship”, organized by the IEDC, ED Cell and IQAC of Presentation College of Applied Sciences, Puthenvelikkara, on 17 July 2026. The session engaged over 100 students and faculty members. The IEDC team expressed interest in continued mentorship, with both faculty members supporting their entrepreneurial ecosystem.

Inspiring Innovation, Empowering Entrepreneurs





Dr. Eldose K. K. and Dr. Sandeep O. S., Department of Mechanical Engineering, ASIET, served as Resource Persons for the session “Innovation and Entrepreneurship”, organized by the IEDC Cell and IQAC of Carmel College (Autonomous) on 30 July 2026. The interactive session witnessed enthusiastic participation from over 150 students and faculty members, fostering creativity, entrepreneurial thinking, and awareness about innovation-driven opportunities.

Engineering Creativity in Action



The Mechanical Engineering Department has designed and fabricated a projector adjustment stand for the Computer Science Department, showcasing the lab faculty's creativity and technical expertise. The initiative reflects their commitment to developing practical, innovative solutions and improving departmental facilities through hands-on engineering skills.

Building Skills Through Hands-On Learning



As part of the Life Skill classes, the Mechanical Engineering Department has designed and fabricated a dismantling and assembly training system to strengthen students' practical skills.

The initiative provides hands-on experience with basic workshop tools while promoting technical confidence, practical learning, and employability.

Mechanical Engineering Students Shine in Campus Placement



The Department of Mechanical Engineering proudly celebrated the placement of three students from the ME 2022–26 batch. M B Amal and Anath V Biju secured positions at Apollo Tyres, while Athul Krishna joined Jacksons Veneers & Panels as a Production & Quality Controlling Engineer.

Their achievements reflect their dedication, skills, and perseverance throughout their academic journey. These placements mark a proud milestone for the department and a promising beginning to their professional careers.

S2 Results – A Strong Start to the Journey



Congratulations to all the students who completed S2. Your hard work and dedication have paid off. Wishing you all the best for the semesters ahead!

S4 Results – Progress Turning into Achievement



Congratulations to all the students on successfully completing S4. Your efforts throughout the semester are appreciated. Wishing everyone continued success in the upcoming semesters!

Students Bring Automation to Archaeological Artifact Storage





A student team from the Department of Mechanical Engineering, guided by Dr. Sandeep O S, presented their Automatic Storage and Retrieval System (ASRS) concept and working prototype to officials of the Kerala Council for Historical Research (KCHR). Designed for efficient storage, retrieval, and identification of archaeological artifacts, the system aims to support researchers and archaeology students. The officials appreciated the innovation and expressed interest in collaborating on the development of a full-scale system.

IEEE EVENTS

Entrepreneurial Spark

The "SPARK TO SCALE – Transforming Technologies into Successful Ventures" session, organized by the IEEE Communications Society SBC ASIET, was held on 21 July 2026 via Google Meet. Dr. Rahul S. Arackal shared insights into entrepreneurship, covering idea generation, problem identification, validation, prototyping, funding, product development, and market launch. The session saw active participation of 52 students, who engaged with the speaker and clarified their queries, gaining inspiration to transform engineering ideas into successful ventures.



FACULTY DEVELOPMENT PROGRAMMES

ASIET Faculty Explore AI in Material Science


SREEPATHY
INSTITUTE OF MANAGEMENT AND TECHNOLOGY
CERTIFICATE
OF PARTICIPATION
PROUDLY PRESENTED TO
KIRAN KS
for participating in the Six Day Faculty Development Program on "Material Science in the Era of AI and Recent Trends" conducted by Department of Mechanical Engineering , Sreepathy Institute of Management and Technology, Vavanoor, Palakkad, held from 22nd June 2026 to 27th June 2026
Mr. Sreedath M K
HOD, Department of ME
Dr. S P Subramanian
Principal, SIMAT



Mr. Kiran K.S.

Mr. Kiran K S participated in the Six-Day Faculty Development Program on "Material Science in the Era of AI and Recent Trends" at Sreepathy Institute of Management and Technology, Palakkad. Organized by the Dept. of Mechanical Engineering from June 22-27, 2026, the program focused on cutting-edge AI applications in material science.

Vikram-I: The Startup That Touched the Stars

-Joseph J Vallooran (ME S3)

What was once a dream limited to government space programmes is now taking flight through Indian startups. On July 18, 2026, Hyderabad-based Skyroot Aerospace successfully launched Vikram-I from the Satish Dhawan Space Centre in Sriharikota. The launch marked a historic milestone, as it was the first time an Indian private company successfully carried out an orbital launch from Indian soil, highlighting the growing role of private companies in India's space sector.



The mission, named Aagaman, carried multiple payloads to Low Earth Orbit. Among them were Skyroot's SCOPE and Grahaa Space's SOLARAS S3, with SCOPE and Grahaa successfully injected into orbit. Vikram-I also showcases the innovative approach to modern rocket development, featuring an all-carbon composite structure, solid-fuel boosters and a 3D-printed liquid engine.

The mission was not only about technology. It also carried symbolic tributes to some of India's greatest scientific minds, including C. V. Raman, Vikram Sarabhai and Dr. A. P. J. Abdul Kalam. More importantly, the success of Vikram-I could encourage more Indian startups to enter the space industry, creating opportunities for innovation and young engineers and scientists to work on advanced technologies.

Vikram-I is therefore more than just a rocket reaching orbit; it represents a new beginning for India's private space industry. With government support and the growing participation of startups, India is moving towards a future where space exploration is shaped by both public institutions and private innovators. Vikram-I may be only the beginning of many more Indian dreams taking flight.

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