



THE COTERIES BULLETIN

NEWSLETTER BY THE DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING



THIS ISSUE

- INSTITUTION EVENTS
- DEPARTMENT EVENTS
- FACULTY ACHIEVEMENTS
- STUDENT ACHIEVEMENTS
- TBI NEWS
- NSS EVENTS
- FACULTY DEVELOPMENT PROGRAMMES
- THE HUB

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.

THE COTERIES BULLETIN

NEWSLETTER BY THE DEPARTMENT OF MECHANICAL ENGINEERING

INSTITUTIONAL EVENTS

Samavarthana 2026: A Celebration of Achievement



ASIET proudly celebrated Samavarthana 2K26, the Convocation Ceremony for the 22nd Batch of B.Tech, 21st Batch of MBA, 15th Batch of M.Tech, and 2nd Batch of MCA graduates. The ceremony was graced by Shri. Roji M. John, Hon. Minister for Higher Education, Government of Kerala, Shri. K. Anand, Managing Trustee, Adi Shankara Group, and Dr. Ciza Thomas, Hon. Vice Chancellor of APJ Abdul Kalam Technological University. The event marked a proud milestone, honouring the graduates' academic achievements while inspiring them to embark on successful professional journeys.

Football Hungama: World Cup Fever at ASIET



ASIET brought the excitement of football to campus with Football Hungama, an Inter-Department Staff Shootout held in celebration of the FIFA World Cup season. The event witnessed enthusiastic participation from faculty members across departments, fostering teamwork, sportsmanship, and friendly competition. Filled with energy and excitement, the tournament added to the festive spirit on campus and created memorable moments for all.

DEPARTMENT EVENTS

National FDP on Green Hydrogen Energy & Circular Economy



The Department of Mechanical Engineering, ASIET, successfully organized a six-day National Faculty Development Programme on "Green Hydrogen Energy & Circular Economy" from 16–20, 22 June 2026. The programme featured expert sessions by eminent academicians from IIT Madras, NIT Calicut, Amrita Vishwa Vidyapeetham, MBCET, and other reputed institutions. It provided valuable insights into sustainable energy, hydrogen technologies, and circular economy practices, enriching the knowledge and research perspectives of participants.

Industrial Visit to CIAL Hydrogen Hub



As part of the Faculty Development Programme on Green Hydrogen Energy and Circular Economy, the faculty and staff of the Department of Mechanical Engineering visited the CIAL Solar Power Plant and Hydrogen Hub. The visit offered valuable insights into renewable energy generation, green hydrogen production, and sustainable energy practices, bridging theoretical concepts with real-world applications.

Conclave on Sustainable Engineering



Faculty members of the Department of Mechanical Engineering participated in a conclave hosted by Vidya Academy of Science and Technology, Thrissur. The event provided a platform to exchange ideas, explore emerging trends in engineering, and strengthen academic and institutional collaborations.

Leading Innovation: ASME ASIET EXECOM 2026-27



The ASME ASIET Student Section unveiled its EXECOM 2026-27, introducing a dynamic team of student leaders committed to advancing technical excellence and professional development. With dedicated members across executive, technical, media, design, and documentation teams, the new committee is set to organize impactful events and foster innovation throughout the academic year.

FACULTY ACHIEVEMENTS

Research Excellence in Sustainable Engineering



Dr. Nidhin Raj A

Congratulations to Dr. Nidhin Raj A, Associate Professor, Department of Mechanical Engineering, on publishing his research paper, “Sustainable Development and ANN-Based Prediction of Bio-Waste-Filled Flax-Pineapple-Epoxy Hybrid Composites for Enhanced Mechanical Performance,” in Scientific Reports, a prestigious Q1 SCI-indexed journal. The study explores the use of agricultural waste and artificial intelligence to develop stronger, eco-friendly composite materials, marking a significant contribution to sustainable engineering research.

Faculty Training Programme on Autodesk Fusion



A two-day Faculty Training Programme on Autodesk Fusion Software was conducted by the Department of Mechanical Engineering on 23–24 June 2026. The sessions, led by Mr. Joyal Joy, focused on advanced CAD modelling and engineering analysis techniques. The programme strengthened faculty members' technical expertise and concluded with the award of Autodesk Authorized Training Center Certificates.

Faculty Research Excellence Recognized



Dr. Sivaprasad P. V., Dr. Vinay Varghese, and Dr. Rahul S. Arackal were honoured by the Vice Chancellor of KTU for receiving the Research Seed Money (RSM) Award. The recognition celebrates their outstanding research contributions and commitment to innovation, reinforcing the department's dedication to academic excellence and inspiring a strong culture of research.

Autodesk Certification Achievement



Dr. Sivaprasad P. V.

Dr. Sivaprasad P. V., Associate Professor, Department of Mechanical Engineering, successfully completed the Autodesk Fusion – Design and Analysis training programme and earned the Autodesk Authorized Training Center Certificate. This certification highlights his expertise in industry-standard design and analysis tools and reflects his commitment to continuous professional development.

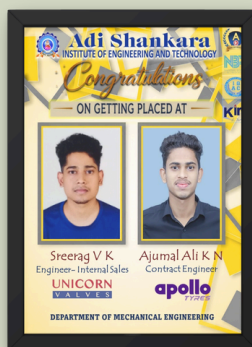
Startup Dream Takes Flight at TBI



A startup founded by our alumni was officially incubated at the Technology Business Incubator (TBI) and inaugurated by Dr. Ciza Thomas, Hon. Vice Chancellor of APJ Abdul Kalam Technological University. The milestone reflects the institution's commitment to fostering innovation, entrepreneurship, and a vibrant startup ecosystem.

STUDENT ACHIEVEMENTS

Mechanical Engineering Students Shine in Campus Placement



The Department of Mechanical Engineering celebrates another successful placement milestone as Sreerag V. K. secured the position of Engineer – Internal Sales at Unicorn Valves, while Ajumal Ali K. N. was placed as a Contract Engineer at Apollo Tyres. Their achievements reflect their dedication, perseverance, and technical competence. These placements further strengthen the department's record of nurturing industry-ready professionals and inspire fellow students to pursue their career aspirations with confidence.

Mechanical Department Celebrates S8 Toppers of 2022–2026 Batch



The Department of Mechanical Engineering, Adi Shankara Institute of Engineering and Technology, Kalady, proudly congratulates the S8 B.Tech Mechanical Engineering toppers of the 2022–2026 batch for their remarkable achievement in the Eighth Semester University Examinations. We applaud their hard work and commitment. May they continue to excel and bring pride to the department!

Student and Faculty Achievement Shines



Mr. Goutham D was honored by the Vice Chancellor of KTU for securing the Best Project Award, recognizing his outstanding innovation, technical excellence, and dedication. The achievement reflects his commitment to academic excellence and creative problem-solving.

NSS EVENTS

Yoga For Health at ASIET



ASIET, in association with Isha and NSS, conducted "Yoga For Health" on 10 June in the Auditorium. Led by Mr. Jithu Ram, AI Project Manager at IBM, the session included guided yoga, breathing exercises, and meditation. Students, faculty, and staff participated to promote physical and mental well-being.

FACULTY DEVELOPMENT PROGRAMMES

Advancing Academic Excellence



Mr. Jithesh S.R.



The Department of Mechanical Engineering proudly congratulates Mr. Jithesh S. R., Assistant Professor, on successfully completing the five-day Professional Development Programme (PDP) on "Outcome-Based Education & Accreditation – GAPC 4.0", conducted by the National Institute of Technical Teachers Training and Research (NITTTR), Chennai, from 11–15 May 2026. The programme strengthened his expertise in Outcome-Based Education, accreditation, and modern teaching practices, further reinforcing the department's commitment to quality education, innovation, and academic excellence.

Fostering Innovation & Entrepreneurship



Dr. Vinay Varghese

Dr. Vinay Varghese successfully completed the Six-day National Online Faculty Development Programme on "Building Entrepreneurs from Campus: Case Studies and Practices," organized by Jyothi Engineering College (Autonomous), Thrissur, from 1–6 June 2026. The programme provided valuable insights into entrepreneurship, innovation, and fostering an entrepreneurial mindset among students.

Faculty Participation in FDP on Material Science & AI



Mr. Kiran K.S.



Mr. Kiran K. S., Assistant Professor, Department of Mechanical Engineering, participated in the Six-Day Faculty Development Programme on "Material Science in the Era of AI and Recent Trends", organized by the Department of Mechanical Engineering, Sreepathy Institute of Management and Technology (SIMAT), Palakkad, from 22–27 June 2026. The programme enhanced knowledge of emerging developments in materials science and the integration of artificial intelligence in engineering.

Faculty Professional Development



Dr. Jithesh K



Dr. Jithesh K, Head of the Department of Mechanical Engineering, participated in a two-day Autodesk Fusion Software Training Programme and the Six-day National Online FDP on "Building Entrepreneurs from Campus: Case Studies and Practices" organized by Jyothi Engineering College, Thrissur. These programmes enhanced his technical expertise, design skills, and understanding of entrepreneurship, reflecting his commitment to continuous professional development.

Professional Development Programme on OBE & Accreditation



Mr. Eldho Mathew



Asst. Prof. Eldho Mathew, Department of Mechanical Engineering, participated in the Professional Development Programme on "Outcome Based Education & Accreditation – GAPC 4.0", conducted by NITTTR Chennai from 11–15 May 2026. The programme strengthened his knowledge of Outcome-Based Education, accreditation practices, and quality enhancement in engineering education.

Engineering Insights

- India is set to launch its first hydrogen-powered passenger train, marking a major step toward sustainable rail transport. The initiative reflects Indian Railways' commitment to clean energy and reduced carbon emissions.
- Airbus and MTU Aero Engines have announced a joint venture to develop a fully electric hydrogen fuel-cell aircraft engine, advancing the future of zero-emission aviation.
- India has inaugurated the world's first hydrogen production facility powered by nuclear process heat at IGCAR, Kalpakkam. The innovation is a major milestone in clean hydrogen production and sustainable energy.
- Manufacturers are increasingly using AI for predictive maintenance, quality inspection, and smart automation, improving productivity while reducing downtime.
- Metal additive manufacturing is enabling industries to produce lighter, stronger, and more complex components with reduced material waste.
- A new Precision Engineering Hub has been launched at KLS GIT to provide hands-on training and bridge the gap between engineering education and industry needs.

CHIEF EDITOR



Dr. Jithesh K

STAFF EDITOR



Dr. Sandeep O S

STUDENT EDITORS

ADITHYAN E S

ARMAAN MANOJ MENON

AMISHA SANTOSH

ADARSH KS

NITHIN RAJ A B

FATHIMA NESRIN V B

JOSEPH J

VAISHNAV U PAI

LIYA MARIYA SAJI

MIZPAH MARIA MATHEWS

KARUN SIDHARTH

ALAN SANJO

MAHADEV V S

THE COTERIES BULLETIN

NEWSLETTER BY THE DEPARTMENT OF MECHANICAL ENGINEERING