

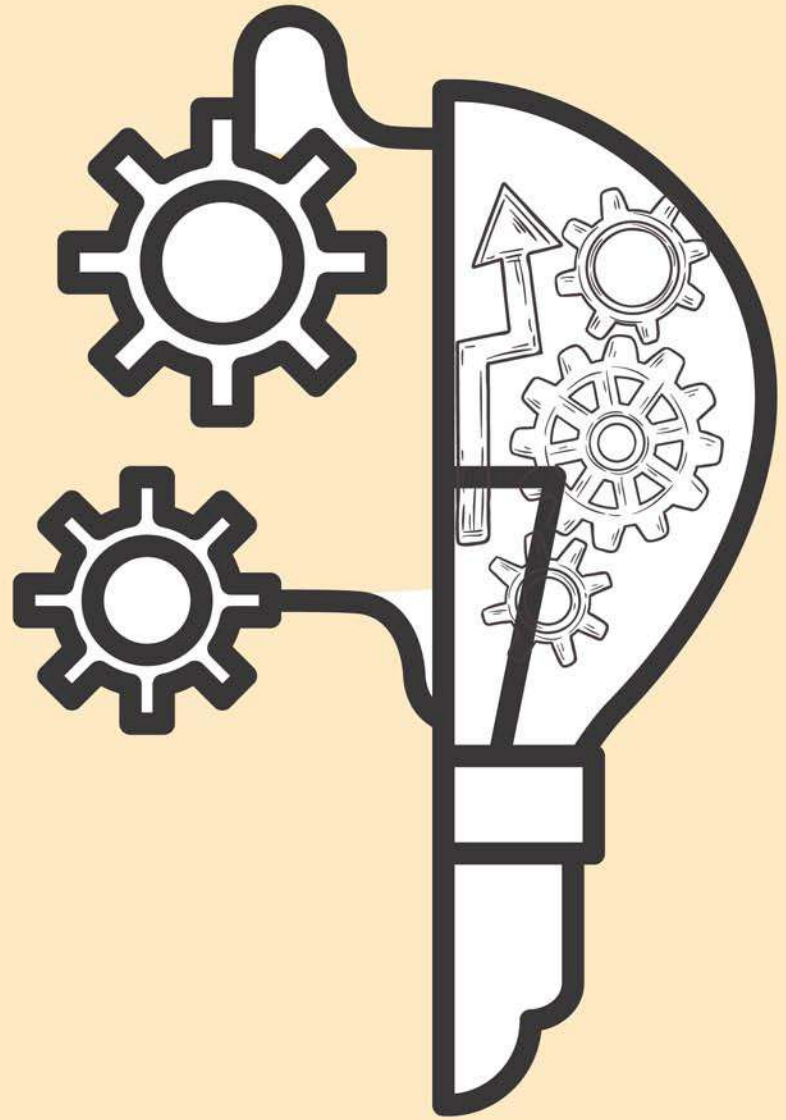


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NEWSLETTER

DEPARTMENT OF
MECHANICAL ENGINEERING

APME



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DEPARTMENT VISION

To nurture the development of competent mechanical engineers with an emphasis on applying the concept and principles in core engineering to real world contexts.

DEPARTMENT MISSION

M1. To provide quality education in mechanical engineering along with a deep sense of professional ethics.

M2. To possess commitment and character for the betterment of the society.

M3. To encourage students and faculty to be lifelong learners. M4. To apply mechanical engineering skills and knowledge to make eco-friendly innovations in the latest trends.



PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 : Ability to solve complex engineering problems in design, manufacturing and thermal engineering to meet the needs of the industries and society.

PSO2:- Inculcate curiosity in inter-disciplinary learning to develop innovative entrepreneurship capacity.

PROGRAM EDUCATIONAL OBJECTIVES(PEOs)

PEO1 : Develop mechanical engineering professionals who are able to solve complex real world challenges, manage social problems and business challenges.

PEO2 : The f=graduates of mechanical engineering program will acquire higher education and emerge successful.

PEO3: The graduates adopt ethics and exhibit their effective skills in communication leadership qualities and social responsibility.



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ABOUT MECHANICAL ENGINEERING DEPARTMENT

Established in 2007, the Mechanical Engineering Department provides a strong academic foundation through a balanced blend of theoretical knowledge and practical exposure, focusing on technical skill development and overall academic excellence.





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DEPARTMENT OF MECHANICAL ENGINEERING

-STAFF MEMBERS-



ANEESH.A
ASSOCIATE PROFESSOR & HOD



ANIL.D KUOOLA
ASST.PROFESSOR
ADMISSION COORDINATOR



RAHUL RAJMOHAN
ASST.PROFESSOR
ASST.PROGRAM OFFICER
NSS UNIT-186



AKSHAY JOJO
ASST.PROFESSOR
UNION COORDINATOR



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ASSOC.PROFESOOR



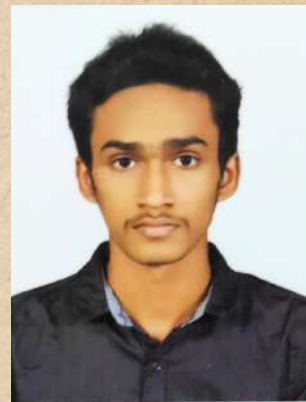
ABDUL SALEEM
ASST.PROFESSOR



CHRIS ANN JOHN
ASST.PROFESSOR



JISHNU.P
ASST.PROFESSOR



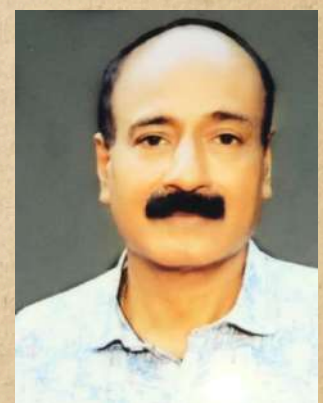
ASWIN S. PAVITHRAN
TEACHING ASST.



MR. NIXON PONNOS
WORKSHOP
SUPERINTENDENT



RAVEENDRAN P.K.
LAB INSTRUCTOR, MT
LAB



BENNY LAZAR
LAB INSTRUCTOR,
WORKSHOP



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Welcome New Faculty Members

We are excited to welcome three new faculty members to the Mechanical Engineering Department at IES College of Engineering.



Mrs. Chris Ann Johns is a geotechnical engineering professional with four years of teaching experience. She specializes in geotechnical analysis and site investigations, with a strong interest in quantity surveying.



Mr. Aswin S. Pavithran joins us as a Teaching Assistant and is currently pursuing his M.Tech in Robotics and Automation at GEC Thrissur. With strong interests in robotics, automation, and innovative teaching, he is eager to support students and contribute to the department's activities.



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Welcome New Faculty Members



Mr. Jishnu P. holds an M.Tech in Industrial Engineering and a B.Tech in Mechanical Engineering, with 1.5 years of teaching experience, and have served as NSS Programme Coordinator and NAAC Criteria Coordinator.



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Recognizing Technical Excellence



Recognition of Innovation: Mr. Raveendran P.K.

The Mechanical Engineering Department applauds Mr. Raveendran P.K. (Lab Instructor) for his recent technical contributions:

- **Whirling of Shaft Attachment:** Developed a precision attachment for final-year vibration studies, significantly enhancing the accuracy of experimental readings.
- **Clinometer Fabrication:** Designed and built a clinometer for measuring angles and heights, providing a valuable new resource for the S7 Mechanical Engineering Lab.

These in-house innovations demonstrate a high level of technical skill and a commitment to improving student learning.





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RECOGNIZING TECHNICAL EXCELLENCE



Recognition of Innovation: Mr. Beeny Lazar

The Mechanical Engineering Department extends its sincere applause to Mr. Beeny Lazar (Lab Instructor) for his recent technical innovation and dedicated service to the department. His contributions continue to enhance the learning environment and technical capabilities of our laboratories.



Heliodon Equipment, a device that can emulate the sun's position relative to a scale for IES college of Architecture Designed and developed by department of Mechanical Engineering.



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PROFESSIONAL SKILL ADVANCEMENT THROUGH FDP ON ALLIED DRONE TECHNOLOGIES

Attended the Bootcamp on Allied Technologies for Drones (FDP @ Calicut University)

It helps in gaining updated knowledge on modern drone systems, sensors, control technologies, and their engineering applications. It enhances practical skills, supports research and project guidance, and strengthens academic expertise. This FDP also adds value to your professional profile by meeting continuous development requirements and creating opportunities for industry interaction and collaboration. @Abdul Saleem sir





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PAPER PUBLICATION FOR RAHUL RAJUMOHAN



Congratulations, Mr. Rahul Rajumohan

Heartiest congratulations on the publication of your two research papers! It is impressive to see your work spanning across different vital fields:

Vehicle Safety Innovation: Your paper on the Integrated Fire Detection, Seat Belt Release and Door Unlocking System addresses a critical gap in emergency response. It's a vital contribution to automotive engineering that could save lives.

Industrial Efficiency: The Electrical Cashew Nut Roasting Machine shows a great commitment to improving food processing through smarter, more efficient electrical designs.

Publishing two papers at once is a significant milestone. Your dedication to research and engineering excellence is truly inspiring to see.

Well done on this well-deserved success!



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PAPER PUBLICATION FOR CHRIS ANN JOHNS



Huge congratulations to Mrs.Chris Ann Johns on the publication of this important research!

This study on electrokinetic extraction is a vital contribution to environmental engineering. By finding better ways to remove heavy metals from landfill liners, this work helps protect our groundwater and improves waste management sustainability.

Key Highlights of the Achievement:

Innovation: Tackles the difficult task of cleaning low-permeability materials like clay.

Impact: Offers a potential "in-place" solution for soil remediation.

Dedication: Reflects a high level of experimental rigor and scientific insight.

Bravo on this milestone!



DEPARTMENT EVENTS

KNOW YOUR VEHICLE

A workshop on "KNOW YOUR VEHICLE" was conducted on 5th August 2025 for S3, S5, and S7 students at SCMS Institute. The session aimed to familiarize students with vehicle components, maintenance practices, and road safety measures.





WORKSHOP ON 3D MODELLING

A workshop on 3D Modelling was conducted for S3 and S5 students by Mr. Anandhu G, Head of CADD Center, Thrissur. The session aimed to introduce students to modern 3D design tools and techniques used in engineering and product development



TECHNICAL ORIENTATION SESSION

A technical orientation session on Non-Destructive Testing (NDT) and Oil and Gas Engineering was conducted by the Core Institute of Engineering for S7 students. The session aimed to provide insights into the practical applications and career opportunities in these specialized engineering fields.





AUTOMATED MACHINE LEARNING TRAINING SESSION



A training session on Automated Machine Learning (AutoML) was held for S3, S5, and S7 students. The session covered the basics of AutoML, its benefits, and practical applications in data science.

ENGINEERS DAY QUIZ AND FUN GAMES



To celebrate Engineers Day, a quiz and fun games session was organized for both faculty and students. The event aimed to foster teamwork, knowledge sharing, and a sense of excitement within the academic community.



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S5 INTERNSHIP DIARIES: A 3-DAY LEARNING JOURNEY

The S5 students successfully completed an immersive three-day industrial internship program at GenZee Technologies, Kochi, starting on June 7, 2025. The program focused on the transformative world of 3D Printing and Additive Manufacturing.

During this period, students transitioned from theoretical concepts to hands-on practice, exploring 3D modeling, slicing software, and the intricacies of 3D printer operations. This exposure to cutting-edge technology at GenZee Technologies provided invaluable insights into modern engineering and rapid prototyping. It was a significant milestone for the S5 batch, bridging the gap between academic learning and real-world industrial innovation.





TECH FEST

DIRT BIKE

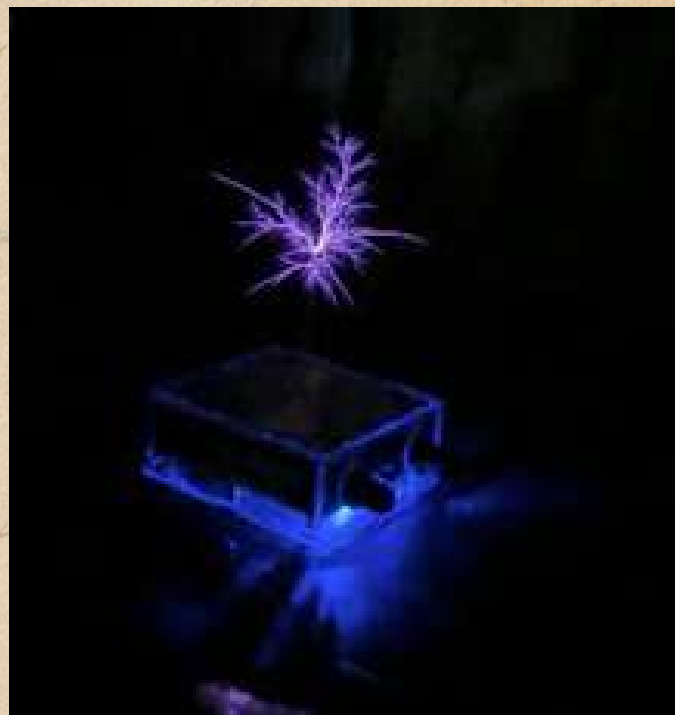


The BIKE event showcases custom-built dirt bikes created by students using repurposed bike parts. These unique, handmade machines are tested on natural, closed-loop off-road circuits featuring rugged terrain, challenging hills, jumps, and tight turns. It's a thrilling blend of creativity, engineering, and adrenaline as the bikes navigate the tough course, proving both their durability and the students' innovative spirit.



TESLA COIL

The Tesla Coil Exhibition is a mesmerizing experience where visitors witness the awe-inspiring spectacle of electrical discharges and lightning bolts. As the coil generates high-voltage arcs, massive sparks crackle through the air, creating a stunning visual display. This electrifying exhibition showcases the power and wonder of Nikola Tesla's invention, as bolts of lightning dance and crackle, offering a thrilling glimpse into the world of electrical energy.





PROJECTILE CHALLENGE



The Projectile Challenge featured a pre-built launching machine, where students had to apply their understanding of physics to calculate the optimal launch angle. With only rough measurements and estimations, participants aimed to hit a designated target by adjusting the angle of projection. The event tested their analytical thinking, precision, and practical application of projectile motion concepts.



ROBO WAR



The Robo War event showcased two student-built remote-controlled robo cars designed for a competitive challenge. Participants used these robots to drive a ball through an uneven, path and reach a specific target within a set time limit. The event tested the robots' agility, control, and the participants' coordination and strategy, combining engineering with real-time problem-solving in a fun and dynamic setup.

PROJECT EXPO & PAVILION



The Project Expo & Pavilion featured a wide range of innovative student projects, highlighting creativity and technical skills. A key attraction was the "Engine Mortuary," where a dismantled old engine was displayed with all its parts laid out for educational viewing. The exhibition provided a hands-on learning experience, showcasing mechanical insights and student-driven engineering solution



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MECHANICAL DEPARTMENT SECURES 4TH PLACE AT TECH FEST

Behind every trophy is a team of brilliant minds and guiding lights. Victory is sweeter when led by great mentors, and we celebrate the success of our Mechanical Department for clinching the 4th Prize! Huge applause to our talented students and visionary faculty for this podium finish; you guys are the real gears of Mechanical, shifting us towards even bigger achievements and higher goals!





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OVERALL CHAMPIONS OF SPORTS AND GAMES

The Mechanical batch has proved their dominance by clinching the Overall Championship, showcasing a perfect blend of raw power and seamless teamwork. Their journey to the top was fueled by an unbreakable "Mech spirit" and a relentless drive to win, outperforming every competitor with grit and precision. This victory isn't just about the trophies; it's a celebration of the brotherhood and resilience that defines the department, cementing their legacy as the undisputed champions of the field.





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IES ONAM FEST 2026: MECHANICAL BRANCH REIGNS VICTORIOUS

A Spectacular Win in a Grand Celebration! The Onam festivities at IES College were truly vibrant and memorable, and the Mechanical Branch made it even more special by securing the 1st Position in the games. Hearty congratulations to our department; our students and faculty together make every victory look easy!





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CONVOCAATION CEREMONY AT IES COLLEGE OF ENGINEERING

On July 12, 2025, IES College of Engineering proudly hosted its annual Convocation Ceremony—a momentous occasion celebrating the hard work, perseverance, and academic achievements of its graduating students.

The Mechanical Engineering Department joined in the celebrations, recognizing the outstanding accomplishments of its students.

🏆 **Special Recognition: Department Topper**

A special mention goes to Augustin Antony, the department topper, whose dedication and academic excellence have earned him this prestigious title. Augustin's commitment to his studies, along with his passion for mechanical engineering, sets a shining example for his peers and future graduates.

An Inspiring Milestone

The event was marked by the presence of faculty, students, and proud family members as graduates donned their caps and gowns to receive their degrees. It was an inspiring day filled with joy, pride, and reflection on the journey completed, as well as the exciting road ahead.

Congratulations to all the graduates, and a special round of applause for Augustin Antony for his exceptional performance!





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IFTAR PARTY HOSTED BY THE DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering at IES College of Engineering organized a vibrant Iftar Party to celebrate the spirit of unity and community during the holy month of Ramadan. The event brought together students, faculty, and staff, creating an atmosphere of warmth and camaraderie.

Attendees enjoyed a delicious spread of traditional dishes, fostering connections and meaningful conversations among everyone present. The Iftar Party served as a wonderful opportunity for the department to promote inclusivity and cultural understanding within the college community.

A heartfelt thank you to all who contributed to the success of the event. We look forward to continuing these cherished traditions that strengthen our bonds as a department





Union day celebration

On July 31, 2025, IES College of Engineering celebrated its annual Union Day, marking the official inauguration of the newly elected College Union. The campus was filled with energy and excitement as students gathered to kick off a new year of leadership and community.

 **Special Guest: Aswin P. Jose**

The highlight of the event was the grand inauguration by the talented young Malayalam film actor, Aswin P. Jose. His presence added a touch of stardom to the ceremony, and his inspiring interaction with the students encouraged them to pursue their passions with dedication and creativity.





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News letter releasing ceremony

The Mechanical Engineering Department of IES College of Engineering held a special ceremony for the release of its latest department newsletter. The event was graced by Dr. Brilly S Sangeetha, Principal of IES College of Engineering, who officially launched the newsletter, alongside Mr. Aneesh A, Head of the Department.

Faculty members, student representatives, and guests attended the ceremony, which marked an important moment of collaboration and communication within the department. The newsletter highlights the latest achievements, events, and innovations, providing a platform to showcase the department's growth and accomplishments.

The department expresses its gratitude to all who contributed to the success of the newsletter and looks forward to continuing this tradition of sharing knowledge and achievements.





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CELEBRATING ACADEMIC EXCELLENCE

S8 TOPPERS

DEPARTMENT OF MECHANICAL ENGINEERING



Augustin Antony



Sayooj Suresh



Jeswin A J



Yadhukrishnan



Abhishesk M S



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CELEBRATING ACADEMIC EXCELLENCE

S6 TOPPERS

DEPARTMENT OF MECHANICAL ENGINEERING





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CELEBRATING ACADEMIC EXCELLENCE

S4 TOPPER 23-27 BATCH

DEPARTMENT OF MECHANICAL ENGINEERING



MOHAMMED SAALIH PK



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CELEBRATING ACADEMIC EXCELLENCE

S2 TOPPERS 24-28 BATCH

DEPARTMENT OF MECHANICAL ENGINEERING



Mohammed HISAN



Antony M Nixon



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PLACEMENT SPOTLIGHT



Tractors and Farm Equipment Limited, a major Indian manufacturer of tractors and agricultural machinery, and Technical and Further Education, Australia's vocational training system for certificates, diplomas, and applied skills. The Indian TAFE, based in Chennai, is a global player in farm equipment, while Australia's TAFE provides practical, career-focused education.



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Approved Programme
CSE/EME

STUDENTS' CAREER DEVELOPMENT CELL

Congratulations

Batch 2022 for Being Placed in



KIRAN
ME



ABHINAV PRASAD
ME



ANSAR
ME



SREEBOOSHAN
ME



JOSEPH
ME



DENSON
EEE



PLACEMENT SPOTLIGHT

Placement Success: Royal Enfield

Huge congratulations to our Final Year Mechanical Engineering students on their placement at Royal Enfield! Securing a position with such an iconic global leader in automotive engineering is a testament to your hard work and technical skill. Royal Enfield, renowned since 1901 for its legendary craftsmanship and innovation, is the perfect stage for our budding engineers to start their professional journey.

Congratulations to the placed students—you have made.

IES college of Engineering proud!

The banner features the IES College of Engineering logo and NAAC/NBA accreditation logos at the top. It includes the text 'STUDENTS' CAREER DEVELOPMENT CELL' and 'Congratulations' in a cursive font. Below this, it states 'Batch 2022 Department of Mechanical Engineering for being Placed in ROYAL ENFIELD'. The banner displays 27 student portraits arranged in three rows of nine, each with a name caption below it. The Royal Enfield logo is prominently displayed on the right side of the banner.

STUDENTS' CAREER DEVELOPMENT CELL
Congratulations
Batch 2022 Department of Mechanical Engineering for being Placed in
ROYAL ENFIELD

Anish Antony	Anas	Adwaidh	Alwin	Ajith Raj	Dheeraj	Richard	Vinayak	Adarsh V.P
Hari Govind	Ajil	Shahzin	Kiran	Anirudh	Dhyan	Joseph	Akshay	Midhij
Abhinav K.U	Sreebooshan	Amal	Adarsh	Indrajith	Aditya Raj	Sabarinath	Sidharth	



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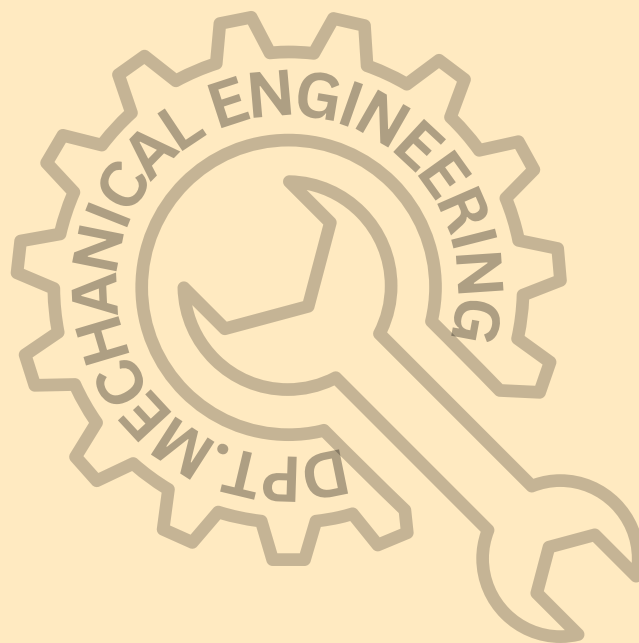
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AKSHAY JOJO
Staff chief editor
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JUNAID JOSE
Student cheif editor
S6-ME



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