

PRAGYAAN'25

Vol.10

August 2025



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VISION

To evolve as a centre of excellence in Mechanical Engineering, fostering innovation, sustainability, and leadership by empowering socially responsible engineers capable of addressing global and industrial challenges.

MISSION

M1: To deliver quality education in Mechanical Engineering and allied areas to accomplish academic excellence, innovative solutions, and technical competence.

M2: To foster leadership, entrepreneurship, and ethical responsibility through industry-aligned curriculum with emphasis on multi-disciplinary and hands-on learning.

M3: To encourage research and development with focus on solving real-world engineering problems through sustainable and concurrent technologies and tools.

M4: To promote holistic growth and lifelong learning to adapt to global trends and technological developments and contribute meaningfully to society.

PROGRAMME EDUCATIONAL OBJECTIVES

- ❖ PEO 1: Graduates will emerge as true professionals, capable of designing and analyzing products or processes based on engineering practices and scientific knowledge for sustainable development.
- ❖ PEO 2: Graduates will be equipped to shape their career and pursue higher studies in Mechanical Engineering and allied fields by embracing entrepreneurship, professionalism, and ethical values.
- ❖ PEO 3: Graduates will succeed in a multicultural and multidisciplinary environment, imbibing the spirit of lifelong learning and societal responsibility.



FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY (FISAT) ®
(AUTONOMOUS)

Accredited by NBA & NAAC with A+ grade

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CHAIRMAN'S MESSAGE

It gives me immense pleasure to know that the Department of Mechanical Engineering is releasing its annual newsletter PRAGYAAN 25, showcasing the academic, research, and co curricular activities undertaken during the academic year 2024-2025. Mechanical Engineering continues to remain a cornerstone of technological and industrial development, and I am happy to note that the department of Mechanical Engineering at FISAT has consistently aligned itself with emerging trends while preserving strong fundamentals. The year has witnessed commendable efforts in academic delivery, student-centric activities, industry interaction, technical events, and professional skill development. I appreciate the dedication of the faculty members and the enthusiasm of the students in making the department vibrant and forward-looking. Such collective efforts play a crucial role in nurturing competent engineers who are not only technically sound but also socially responsible. FISAT's legacy grows stronger, backed by your unwavering support. I envision a future where the Mechanical Engineering department pioneers sustainable technologies. I congratulate the editorial team for bringing out this newsletter and wish the Department of Mechanical Engineering continued success in its pursuit of academic excellence and innovation.

Mr. Shimith P R,
Chairman, FISAT



PRINCIPAL'S MESSAGE

I am delighted to extend my greetings to the readers of PRAGYAAN 25, the annual newsletter of the Department of Mechanical Engineering. This publication serves as a reflection of the department's academic rigor, student achievements, and commitment to continuous improvement during the academic year 2024–2025. The Department of Mechanical Engineering has demonstrated a commendable balance between curricular excellence and co curricular enrichment. Through academic initiatives, technical workshops, student projects, professional society activities, and industry-oriented programs, the department has created an ecosystem conducive to holistic student development. I place on record my appreciation for the faculty members for their sustained efforts in mentoring students and adapting to evolving academic and accreditation requirements. I also congratulate the students for their active participation and achievements, which bring credit to the institution. I wish the department and the editorial team all success and hope Pragmaan continues to inspire innovation, learning, and excellence. Let's propel FISAT Mechanical to global heights in the year ahead.

Dr. Jacob Thomas V
Principal, FISAT



Dr. Mini P R
Vice-Principal



Dr. Unni Kartha G
Dean, Academics



HOD'S MESSAGE

It gives me great pleasure to present this edition of PRAGYAAN 25, the official annual newsletter of the Department of Mechanical Engineering, highlighting the major milestones, events and achievements of our faculty and students. As we reflect on the academic year 2024-2025, the Mechanical Engineering Department at FISAT, stands tall with a tapestry of accomplishments that embody our motto Focus on excellence. The past year has been one of

active learning and engagement, marked by academic initiatives, technical events, industrial visits, expert lectures, student projects, and professional society activities. This year, we hosted a series of high-impact seminars, workshops, industry visits and hands-on sessions, which equipped our students with industry-relevant skills. Our students have shown commendable enthusiasm in both academic and co-curricular pursuits, while the faculty have continuously worked towards enhancing teaching-learning practices and mentoring. The newsletter captures the collective efforts of students and staff in building a vibrant academic environment that encourages innovation, teamwork, and professional growth. I sincerely appreciate the dedication of the faculty coordinators, student editors, and contributors who have worked diligently to bring out this publication. I hope PRAGYAAN serves as a source of inspiration and a record of our department's continuous journey towards excellence. Warm regards,

Dr. Rejeesh C R
Head of Department
Mechanical Engineering

From the Editors Desk

Welcome to the latest edition of Department newsletter Pragyaaan '25

It gives us immense pleasure to present this issue, which reflects the vibrant academic, technical, and creative spirit of our department. This newsletter is a platform that showcases innovation, achievements, and the collective growth of students and faculty.

During the past academic year we have witnessed numerous milestones, workshops, research initiatives, cultural activities, and student accomplishments. This edition captures those highlights and presents them in a way that informs, inspires, and connects our academic community. This serve as a communication bridge between students, faculty, alumni, and stakeholders, sharing achievements, events, and developments in the department.

The editorial team has worked diligently to collect, review, and refine data from various sources. We sincerely thank all students and faculty for their valuable inputs. Your ideas, research insights, and creative expressions are what make this newsletter meaningful. We also extend our gratitude to the Management and Principal for their continuous support and encouragement.

We hope this edition not only keeps you informed but also motivates you to explore, innovate, and excel in your respective fields.

Chief Editor



Mr. Jiju P P
Asst. Professor, Sr. Grade,
Dept. of ME

Associate Editor



Mr. Arun J Kulangara
Assistant Professor,
Dept. of ME

Student Editors



Adwaith Mohan
Second Year Mech



Anto Tomy
Final Year Mech

Design

Mr. Vishnu Prasad
Web Graphic Designer, FISAT

Department Advisory Committee (DAC)

The committee aims at developing an understanding of the latest industry trends. They provide valuable suggestions and support the Department in all the activities. The present DAC consists of the following members.

- | | |
|---|--|
| 1. Mr. Shimith P R, Chairman, Governing Body, FISAT | 7. Mr. Rishi S Kumar, Engineer R&D, V-Guard Industries Ltd. Kochin |
| 2. Dr. Jacob Thomas V, Principal, FISAT | 8. Dr. Rejeesh C R, Head of the Dept. (Mech. Engg.) FISAT |
| 3. Dr. Mini P R, Vice Principal, FISAT | 9. Dr. Sumanlal M.R, Professor, Dept. of Mech. Engg., FISAT |
| 4. Dr. Unni Kartha G, Dean, Academics, FISAT | 10. Dr. Jose Cherian, Professor, Dept. of Mech. Engg., FISAT |
| 5. Dr. Deepak Prabhakar, Executive Director, Mangalore Refinery & Petrochemicals Ltd. Kuthethoor PO, Mangalore. | 11. Dr. Devi Parvathy S, Assistant Prof. Sr. Grade, FISAT |
| 6. Dr. Sajith Babu, Professor, Dept. of Mech. Engg. RIT Kottayam | 12. Mr. Jiju P P, Assistant Prof. Sr. Grade, FISAT |
| | 13. Mr. Arun J Kulangara, assistant Professor, ME, FISAT |

AICTE-ATAL FDP on Emerging Trends and Innovations in Additive Manufacturing (AICTE Sponsored) 20th to 25th January 2025

Mechanical Engineering department at Federal Institute of Science And Technology (FISAT), along with the Institution Innovation Council (IIC) have organized an AICTE-ATAL academy sponsored 6-day Faculty Development Programme (Offline) titled Emerging Trends and Innovations in Additive Manufacturing under AICTE ATAL Basic FDP scheme from 20-25 January 2025. The event attracted participants from all over Kerala and a few participants from outside the state.

The Faculty Development Programme (FDP) was completely sponsored by the AICTE Training and Learning (ATAL) academy under AICTE- ATAL Basic FDP scheme. The financial assistance from AICTE was instrumental in organizing the event. The FDP received wide attention and had resource persons from premier institutions and the active involvement of participants during the sessions made the event fruitful. The programme had 40 registered participants who were approved by the coordinator out of which 10 were inhouse participants from the host institution, which means that more than 70% of the participants were from other colleges/institutions.

The 6-day ATAL Basic FDP commenced on 20th January, 2025. The programme began with an invocation and Dr. Sumanlal M R, Head of Mechanical Engineering department welcomed the gathering. Dr. S. Kanmani Subbu, Associate Professor, Mechanical Engineering department, Indian Institute of Technology, Palakkad, was the chief guest of the function. Mr. Shimith P R, Chairperson of the Governing Body of FISAT presided over the function. Dr. Jacob Thomas V, Principal of FISAT, delivered the felicitation address.

Sessions were led by domain experts in Additive Manufacturing technologies, thereby ensuring high-quality and impactful knowledge transfer.

1. Dr. S Kanmani Subbu, Associate Professor, Indian Institute of Technology Palakkad - Rapid Prototyping to Additive Manufacturing: A Journey
2. Dr. A V Rahul, Assistant Professor, Indian Institute of Technology Tirupati - Additive Manufacturing Techniques in the Construction Industry
3. Dr. R Sridharan, Professor (HAG), National Institute of Technology Calicut- Research Methodology
4. Dr. Raghu Raja Pandiyan K, Assistant Professor, National Institute of Technology, Warangal - 3D Printing of Photo Cure and Thermoset Resins
5. Dr. Basil Kuriachen, Assistant Professor, National Institute of Technology Calicut - Fundamentals and recent advancements in laser powder bed fusion

- 6 Mr. Santhosh Nagaraju, Sr. Technical Specialist, Indo-Pacific, Hexagon AB, Bengaluru - End-to-end solution to Additive Manufacturing: DfAM and Industrial case studies
- 7 Dr. A. Sumesh, Assistant Professor (SG), Amrita Vishwa Vidyapeetham Coimbatore - Introduction to WAAM process
- 8 Dr. Rajesh Ranganathan, Professor, Coimbatore Institute of Technology, Coimbatore - Novel applications of Additive Manufacturing for societal use
- 9 Dr. Harish T M, Assistant Professor, Federal Institute of Science and Technology (FISAT), Kerala - WAAM of high temperature nickel super alloys
- 10 Dr. Rejeesh C R, Associate Professor, Federal Institute of Science and Technology (FISAT), Kerala - Additive manufacturing for Industry 4.0



Gyandeeep - Honouring the Graduates of 2021-2025 batch

Graduation ceremony of BTech and MTech 2025 passout batch was conducted on 18th June 2025 at 3pm in the FISAT campus. Dr. Tessy Thomas, Former Director General of Aeronautical Systems and current Vice Chancellor of NICHE University, Kanyakumari was the Chief Guest of the function.



Advanced Training Programme on SOLIDWORKS

Department of Mechanical engineering conducted the value added course on Advanced Training programme on SOLIDWORKS in association with Conceptia Konnect, Bangalore during 9th to 13th December 2024. The participants were final year students of Mechanical Engineering, FISAT and CSWA certificates were distributed to the successful students. Mr. Vmay S from Conceptia was the resource person.



Value Added Course on FEA

Value added course "An Introduction to Finite Element Analysis" was conducted from 13th to 17th January 2025 for the 3rd year students of Mechanical Engineering. The resource persons were Mr. Martin Antony, MACE Kothamangalam and Mr. Harish Aboobaker, MITS Varikoli.

Guest Lecture

Dr. M S Razeena Padmam, Former Director, School of Behavioural Sciences, M G University, Kottayam delivered the lecture on the topic Pathway to Success: Motivation and Preparation for the First year students of Mechanical Engineering.



Tech Talk

Mr. Dinesh Shyamsundar, Chairman, SAE Southern Section, CTO, EVAGE Ventures & Startup, Former R&D Head of Leading Automotive Companies delivered the lecture on Electric Vehicles: A Technological Overview on 21st February 2025 in FISAT Main seminar hall.



Collaboration with Universiti Teknologi Mara, Malaysia (UiTM)

Mr. Dileep G Menon, Assistant Professor, Department of Mechanical Engineering completed the collaborative teaching project for the course CT0360-1024 Vibration Analysis of Real World 2-DOF Systems. of October '24 -February '25 Semester of Universiti Teknologi Mara, Malaysia (UiTM). His dedication, Commitment and Cooperation in fulfilling his duties and responsibilities were deeply appreciated by the University UiTM, Malaysia.



VIVENCIA 2024

VIVENCIA is an event that blends Technical and Cultural elements, organized by ASME-FISAT and SAE-FISAT under the Department of Mechanical Engineering to showcase the talent of Freshers. The event was conducted on 8th November 2024 at 1.00pm in the Main seminar hall of FISAT.



National Tug of War Tournament

Manav A of Final year Mechanical Engineering, was a member of the Kerala's Tug of War Team which won the National Tug of War Tournament. Congratulations.



Formula Kart Design Challenge Season 8

Team FRC CORSA from Department of Mechanical Engineering, FISAT demonstrated exceptional skills, Innovation and teamwork in the Formula Kart Design Challenge (FKDC), season 8 held at Kari Motor Speedway, Coimbatore from 19th to 24th October 2024. The team has achieved a remarkable National India Rank 10th in IC category, showcasing outstanding engineering capabilities, technical knowledge and competitive spirit among 63 teams from across India. This achievement highlights their dedication, perseverance and ability to excel in a challenging national – Level competition. Congratulations to team FRC CORSA....



Industrial Visit to Saint Gopan, Palakkad

Faculty from Department of Mechanical Engineering joined the team to visit the industry Saint Gopans, Kanjikode, Palakkad which was an initiative by ISTE – FISAT chapter.



ASME All-Star Supporter Award

Dr. Harish T M, faculty Advisor, ASME – FISAT was honoured with prestigious ASME All-Star Supporter Award for his unwavering support and mentorship.



ASME EFX at SJCET Pala

ASME FISAT secured 1st, 2nd and 3rd prizes in the Bridge building competition and won the award for the chapter with highest student registrations at ASME EFX held at St. Josephs College of Engineering and Technology, Pala. on 28th September 2024.



Distinguished ASME Student Section Award.

ASME – FISAT Chapter received the prestigious Distinguished ASME Student Section Award. Mr. Shimith P R, Chairman, FISAT congratulated the concerned students and faculty for this outstanding achievement. The ASME India Distinguished Student Section Award is a prestigious recognition for top-performing ASME student sections in India, highlighting excellence in technical education, outreach, and leadership. It is part of the ASME Student Section Recognition Program (SSRP), which rewards student sections for significant achievements, such as organizing technical events and fostering engineering.



ASME INDIA STAR CHAIR AWARD

Rythin Varghese of 2024 passout batch bagged the ASME India star chair award.



Visit to IIT Palakkad

IIT Palakkad, in collaboration with the ASME Gas-Turbine India Student Committee actively engages in research, seminars, and industrial training regarding gas turbine technologies. Key areas of focus include combustion, high-pressure hot corrosion burners, and fuel cell technologies, led by faculty at the Centre for Renewable Energy (CoRE) and the Department of Mechanical Engineering. ASME FISAT members visited IIT Palakkad to attend the seminar on Gas Turbine Technologies and Emerging opportunities on 30th August 2024.



SAEISS Autonomous Drone Development Competition (ADDC) 2024

Team ASTRA powered by SAE FISAT secured an impressive 4th position Nationwide and 1st in Kerala out of 4 teams at SAEISS Autonomous Drone Development Competition (ADDC) 2024 held at KCG College of Technology, Chennai. Conducted on 19th and 20th July 2024.



Financial support from APJ Abdul kalam technological university

The project Functionally Graded Inconel 825-304 using wire arc Additive manufacturing won the financial support from the University. The members include Christin thomas, George Jojo Parokkaran, Elvis Davis and Abhijith Murai of Final year Mechanical Engineering and guided by Dr. Harih T M, Asst. Prof. ME.



Kerala Under 23 Basketball Team member

Joyal J Joseph of Final Year Mechanical Engineering represented the Kerala under 23 Basketball team and won Silver Medal at the all India under 23 Basketball championship. Congratulations....



NPTEL BELIEVER Award

Christo Paul Baby of Final year Mechanical Engineering has successfully completed 4 NPTEL courses 1. Fundamentals of Electronics Materials and Devices 2. Waste to Energy Conversion 3. Fundamental of Welding Science and Technology 4. Acoustic Materials and Metamaterials during Jan 2025 to May 2025 and is recognized as an NPTEL BELIEVER.



ASME EFx @ FISAT

ASME EFx 2024 was held at FISAT on 24th August 2024 with the competitions like Elevator Pitch, I AM 3D Drone Competition, Fly High, Innovation and Entrepreneurship session. About 300 participants registered for the event with colleges from the state and outside the state. NIT Rourkela, Shiv Nadar Institute of Eminence Uttar Pradesh, Marwadi University Gujarat, KLS Gogte Institute of Technology Karnataka, Veer Surendra University of Technology Odisha from outside Kerala and Rajagiri School of Engineering & Technology Ernakulam, MA College of Engineering Kothamangalam, Govt. Engg. College Trivandrum, SJCE Palai from the state participated in the events.



ASME Petroleum Division Scholarship

Aishwarya A Nair and Beyon T Saju of 3rd year Mechanical Engineering received the prestigious ASME Petroleum Division Scholarship of \$2000 and the ASME Foundation scholarship of \$1000 in recognition of their exceptional dedication and excellence.



Aishwarya A Nair



Beyon T Saju

ASME Scholarship

Anand Shivan and Ashwin B B of Final year Mechanical Engineering have been awarded \$500 and a certificate in recognition of their Exceptional Leadership in ASME FISAT.



Ashwin B B



Anand Shivan

Inter Group Service and Sports Shooting Competition (IGSSC)

Harishankar E M of First year Mechanical Engineering was selected to GP team for IGSSC-2025 22(K)BN. The Inter Group Service and Sports Shooting Competition (IGSSC) is a significant National Cadet Corps (NCC) event where teams from various Group Headquarters compete, often to select cadets for further national-level shooting competitions.



PALS RSW at IIT Madras

PALS is an educational initiative by volunteers from Alumni Fraternity of various IIT's, for the benefit of engineering students. This initiative is supported by IIT Madras Alumni Charitable Trust (IITMACT). Akshay Raj and Enric of third year Mechanical engineering participated in the Residential student Workshop (RSW) conducted by PALS at IIT Madras from 27th to 29th January 2025. They could understand the basic design concepts and how it has been applied in Industrial products. They got an opportunity to interact with IIT students who were engaged in making innovative projects for international level competitions with the help of external sponsors. Akshay Raj won the Plastic Waste Management Case Study Competition during the program.



Visit to Lower Periyar Power House

Students of 2nd year Mechanical Engineering visited Lower Periyar Hydro Electric Project on 18th January 2025. The officials provided a comprehensive overview of the plant's history, mission and its pivotal role in Kerala's power generation. The visit concluded with an interactive session with plant's Engineers and Technical staff.



Sports & Games



ALPHIN
Third Year ME
FOOTBALL



JOFIN PRASANTH
Third Year ME
FOOTBALL



KARTHIK SATHISH
Third Year ME
BASKETBALL



MAZIN A V
Second Year ME
BASKETBALL



NAVANET V P
Second Year ME
FOOTBALL



JAZIM
Second Year ME
BASKETBALL



BHADRA T S
Second Year ME
BASKETBALL



ACHUTH SHANKER S
Second Year ME
KHO KHO



ADINADHAN R
Second Year ME
VOLLEYBALL



AMAN
First Year ME
VOLLEYBALL



THEJUS
Second Year ME
VOLLEYBALL



PRANAV
First Year ME
BASKETBALL



PRATHYASH
First Year ME
BASKETBALL



ADITH
First Year ME
VOLLEYBALL



ARJUN
First Year ME
BADMINTON



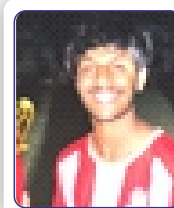
THARA VARGHESE
Third Year ME
FOOTBALL



SHRIYA P S
Third Year ME
VOLLEYBALL



IZZUL RASHEED
Final Year ME
FOOTBALL



PRAYUS THOMAS
Final Year ME
FOOTBALL



JOYAL J JOSEPH
Final Year ME
BASKETBALL



ANIRUDH P
Final Year ME
FENCING &
BASKET BALL PLAYER



ELSA ROSEMARY
Final Year ME
FOOTBALL



ABHIJITH UDAYAN
Final Year ME
VOLLEYBALL



MANAV A
Final Year ME
KABADI & TUG OF WAR



JOYAL J JOSEPH
Third Year ME
TUG OF WAR

B.Tech Honours of 2025 passout batch



NIRANJANA K DHANUSH



K BHARAT RAJAN



GAUTHAM KRISHNA H

B.Tech Minor of 2025 passout batch



NIRANJANA K DHANUSH



SREEDDEV UTHAM



K BHARAT RAJAN



RAHUL KRISHNA B R



NIDHEESH T C



VINEETH VIGNESH P R



SURANJAN JAIS



PRIYUS PHILIP THOMAS



HARSH ANEESH D M



ANANDHARAJ K B



ANAND SHIVAN



ANSEL JOSE

Alumni - Office bearers

Chairman : Ignatius Baby 2010 Admission, Cochin Shipyard Ltd.

Secretary : Arun J Kulangara, 2009 Admission, FISAT Assistant Professor, ME, FISAT

Treasurer : Chandu Menon, 2011 Admission, Entrepreneur

Committee members

Athul Vishnu, 2012 Admission, Australia

Shankar Prasad, 2013 Admission, Federal Bank

Peter Antony, 2009 Admission, Kuwait



Ignatius Baby



Chandu Menon



Arun J Kulangara

Class Toppers

Final year ME
2021 Admission



Niranjan K Dhanush

Third year ME
2022 Admission



Ahshay Raj

Second Year ME
2023 Admission



Adwaith Mohan

First Year ME
2024 Admission



Devanand R

Best Outgoing student and Best Performer

Congratulations

Best Outgoing student and Best Performer award winners are selected considering the academic performance, membership in professional bodies, active participation in competitions and programmes conducted in the college as well as outside the college in state and national level competitions. Also, their involvement in organizing programmes in Department and College level. Congratulations and Best wishes to Mr. Niranjana K Dhanush and. Mr. Anirudh P

Best Outgoing student
of 2021-'25 Batch



Niranjan K Dhanush

Best Performer of
2021 - '25 Batch



Mr. Anirudh P

Campus Placements of 2025 passout batch

Sl No	Name	Company
1	ABHIJITH UDAYAN	SFO Technologies
2	ABHIJITH V	TAFE
3	AMITH BOBBY PAUL	TAFE
4	ANAND SHIVAN	SFO Technologies
5	ANANDUKRISHNA A H	NF Forgings
6	ANANTHAKRISHNAN H	SFO Technologies
7	ANGELO JOSE	Sutherland, Tolins Tyre
8	ANIRUDH P	SFO Technologies
9	ANTONIO SHOLY	TAFE
10	ANTO TOMY	SFO Technologies
11	ASHWIN B B	Intellipaat, SFO Technologies
12	ASWIN JAYADEV K	TCS
13	BASIL K ELDHOSE	SFO Technologies
14	CIRIL SABU	Tolins Tyre
15	DANIEL NIXON	Sutherland
16	DONWIN VEMBILAN	NSK Bearings
17	EINA MARIAM GEORGE	Sutherland, Hyundai Polytech
18	ELSA ROSEMARY	Sutherland
19	GAYATHRI R MENON	Sutherland
20	GODWIN JAMES	NSK Bearings
21	HELGIN HESS	Intellipaat, NSK Bearings
22	JOSHUA JACOB JOHNSON	CADD International, TAFE
23	JOSHUA JAIS	NSK Bearings, TAFE

24	JOYAL J JOSEPH	Hyundai Polytech, IYYM Engineering Services Pvt Ltd.
25	K BHARAT RAJAN	NSK Bearings
26	LIYON PAUL	NF Forgings
27	MANAV A	Tolins Tyre
28	MUHAMED KAIF T I	Tolins Tyre
29	MUHAMMED SHAHAL V P	NF Forgings
30	MUHAMMED ZAHAAN C	NF Forgings
31	NAVANEETH K	SFO Technologies
32	NIDEESH T C	SFO Technologies
33	NIRANJAN K DHANUSH	SFO Technologies, Industrial Process Automation Pvt. Ltd. (IPA)
34	RAHUL KRISHNA R R	NSK Bearings
35	SAMSON THOMAS	TAFE
36	SHABANA BABU	SFO Technologies
37	SIDDARTH .S.NAIR	Tolins Tyre
38	SIDHARTH P NAIR	Sutherland
39	SRAVAN JAIJU	NSK Bearings
40	SREEDEV UTHAM	Intellipaat, SFO Technologies
41	SUHAIL SALIM	NF Forgings
42	TARUN SOLAMAN	Tolins Tyre
43	THOMAS JOSEPH P	Sutherland
44	VAISHNAV S KUMAR	TAFE
45	VINEETH VISHNU P R	SFO Technologies
46	VIVEK BABU	SFO Technologies, TAFE

Our Prestigious Student Chapters

The American Society of Mechanical Engineers (ASME)



Society of Automotive Engineers (SAE)



Students Association of Mechanical Engineering (SAME)



The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)



Best Final Year Projects of 2021-2025

- Title : Mechanical And Microstructural Characterization of Inconel X-750 Fabricated Using Wire Arc Additive Manufacturing

Guide : Dr. Harish TM

Team Members: Gautham Krishna S, Basil K Eldhose, Gio Seby
- Title : Fabrication And Analysis of Hybrid Composite Brake Pads Using Phenol Formaldehyde Resin, Basalt Fiber and Advanced Fillers.

Guide: Suni Mathai

Team Members: Anandaraj K B, Angelo Jose, Celestine P J, Amith S Eralil
- Title : Design and Development of an EV Scooty with Assisted Braking Technology

Guide : Mr. Tom Anto

Team members: Izzul Rasheed, Joshua Jacob Johnson, Madhav Baiju, Sidharth P Nair
- Title : Development of Volley ball Training Machine.

Guide: Dr. Joseph Babu K

Team Members: Muhammed Kaif T I, Navaneeth K , Navaneeth P A, Vaishnav S Kumar



“ADIOS AMIGOS”

Farewell to 2021-'25 batch of Mechanical Engineering students was conducted on 24th March 2025 in the college main seminar hall. It was aimed to celebrate their accomplishments, acknowledge their hard work and bid a fond farewell as they transit into the next phase of their life. The event was filled with reminiscing, laughter, heartfelt speeches, memories and experiences throughout their time at FISAT. Principal, Vice Principal, Dean and HOD were present in the function and they congratulated and wished the students.



Some people
want it to happen,
some wish it would
happen, others
make it happen.

-Michael Jordan

Thanks for your service...

We bid farewell to Nithin H and Dr. Joseph Babu K Assistant Professor, Department of Mechanical Engineering, who have resigned after a period of dedicated service. We are grateful for the contributions, expertise and passion they brought to the department. They were invaluable asset to the department and their departure leaves a significant void. We appreciate the memories, knowledge and experiences shared during their period. We wish all the best in their future endeavours. Thanks for their service and they will be deeply missed.



Mr. Nithin H



Dr. Joseph Babu K

Ph.D. Awarded.

Ms. Devi Parvathy S, Assistant Professor (Senior Grade), Department of Mechanical Engineering was awarded Ph.D. from Cochin University of Science and Technology for her thesis "Modeling and Analysis of Solar Integrated Modified Kalina Cycle For Power Generation". Congratulations...



Best Teacher Award

Dr. Sumanlal M R , Head of the Department, Mechanical Engineering was selected for the Best Teacher award , constituted by the FISAT Management and was handed over on the Founders day and Institution day celebrations on 27th September 2024.



INAE - Infosys Foundation CEEE programme 2025

Mr. Likhil Gopalan and Mr. Joseph Pappachan Assistant Professors in the Department of Mechanical Engineering have been selected for the prestigious INAE-Infosys Foundation CEEE program 2025 at IIT Madras in the domain of Mechanical, Aerospace and Energy Engineering with a financial assistance.

The Indian National Academy of Engineering (INAE) – a distinguished peer group of nearly 1,000 Fellows in India and 100 Fellows abroad from academia, industry, and R&D organizations has partnered with Infosys Foundation, an industry leader in Computer Science and Information Technology solutions, initiated Centre for Engineering Education Excellence (CEEE) program to uplift the quality of engineering education, in institutions all of which are accredited by the All India Council for Technical Education (AICTE).



Mr. Joseph Pappachan



Mr. Likhil Gopalan

Onam Celebrations 2024

Onam 2024 was celebrated in the FISAT campus with great enthusiasm on 12th September 2024. Every year

as we celebrate the Onam festival , we witness the flourishing of the Institution as a whole. The vibrant celebrations reflect not only the success of our institution but also the strong community spirit that has been nurtured over the years.



 **FISAT**[®] Federal Institute of Science And Technology
Affiliated to APJ Abdul Kalam Technological University, Kerala
Accredited by NAAC with 'A+' Grade & NBA (CSE, ECE, EEE, EIE, ME & CE)
Department of Mechanical Engineering (ME A Batch)



2021 ADMISSION, ME A - BATCH

 **FISAT**[®] Federal Institute of Science And Technology
Affiliated to APJ Abdul Kalam Technological University, Kerala
Accredited by NAAC with 'A+' Grade & NBA (CSE, ECE, EEE, EIE, ME & CE)
Department of Mechanical Engineering (ME B Batch)



2021 ADMISSION, ME B - BATCH