

# PRAGYAAN'24

Vol.9

August 2024



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## VISION

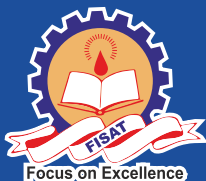
To develop as a centre of excellence in Mechanical Engineering, moulding competent engineers with social commitment, capable of undertaking technical responsibilities and innovative challenges.

## MISSION

- M1 : To build strong foundation in Mechanical Engineering and allied areas.
- M2 : To mould students with good leadership qualities and nurture their entrepreneurship skills.
- M3 : To encourage the students for finding solutions to real engineering world problems.
- M4 : To provide a platform for professional development and lifelong learning along with awareness of social responsibilities.

## PROGRAMME EDUCATIONAL OBJECTIVES

- ❖ Graduates of this program will emerge as true professionals, capable of designing and analyzing products or processes based on engineering practices and scientific knowledge for the benefit of society.
- ❖ Graduates of this program will be equipped to shape their career and will be able to take up challenges and find solutions to problems related to Mechanical Engineering or allied fields.
- ❖ Graduates of this program will succeed in multicultural and multidisciplinary environment, imbibing the spirit of lifelong learning and societal commitment.



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

Accredited by NBA & NAAC with A+ grade

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Hormis Nagar, Mookkannoor P.O., Angamaly - 683 577, Phone - +91 484 2725272  
email : mail@fisat.ac.in website: www.fisat.ac.in



## CHAIRMAN'S MESSAGE

Dear Students, Faculty, and Alumni,

I am delighted to address you through “Pragyaan 24”, celebrating the achievements of our Mechanical Engineering Department. The department's excellence is reflected in its innovative research projects, activities of ASME, SAE and impressive academic results. I commend our faculty and students for their tireless efforts and dedication to excellence. As we move forward, we remain committed to fostering industry-academia partnerships, enhancing research, and providing world-class education.

I wish to thank our alumni, industry partners, and stakeholders for their continued support. Together, let us strive for greater heights and shape the future of mechanical engineering.

Sincerely,

Mr. Shimith PR,  
Chairman, FISAT



## PRINCIPAL'S MESSAGE

Dear Students, Faculty, and Readers,

It gives me immense pleasure to address you through \*Pragyaan 24\*, the newsletter of our esteemed Mechanical Engineering Department. This platform exemplifies the dynamism, innovation, and commitment of our faculty and students to academic excellence and societal progress. Mechanical engineering, often regarded as the backbone of technological advancement, continues to evolve, embracing cutting-edge domains like robotics, renewable energy systems, and sustainable design. Our department has consistently nurtured curiosity and creativity, preparing engineers who not only solve contemporary challenges but also shape the future with integrity and responsibility. In this edition of \*Pragyaan\*, I am delighted to witness the myriad achievements of our students and faculty, whether it be in research, academic pursuits, or community engagement. Each initiative showcased here reflects the values of hard work, ingenuity, and a deep commitment to making a difference.

Congratulations to the team behind \*Pragyaan 24\* for creating a vibrant repository of ideas and accomplishments. I hope this newsletter inspires its readers and serves as a beacon of what we can achieve together.

Warm regards,

Dr. Jacob Thomas V  
Principal, FISAT

**The Man Who Dreamed  
Big & Made India Proud.  
Rest in Peace Ratan  
Tata Sir (1937 - 2024)**







**Dr. Mini P R**  
Vice-Principal



**Dr. Unni Kartha G**  
Dean, Academics



## HOD'S MESSAGE

It gives me immense pride to present PRAGYAAN 24, the annual newsletter of the Mechanical Engineering Department. This publication serves as a reflection of our collective achievements, innovative projects, and the relentless pursuit of academic and professional excellence by our students and faculty. The year has witnessed remarkable milestones in research, industry collaborations, and extracurricular endeavours, showcasing the department's commitment to fostering holistic growth. I extend my heartfelt gratitude to all contributors and editors for their dedication in making this edition a success. Let us continue to strive for excellence and push the boundaries of knowledge in the field of mechanical engineering.

**Dr. Sumanlal M R**  
Head of Department  
Mechanical Engineering

## M.Tech Admission for Working Professionals.

Department of Mechanical Engineering, FISAT started the first batch of MTech program in RENEWABLE ENERGY for working professionals offered by APJAKTU. This offers an opportunity for BTech holders to obtain MTech degree in Engineering while working. Timings of classes will be either in the evening hours or any convenient timings including week ends/holidays.

## From the Editors Desk

The word Pragyaaan is derived from Sanskrit which means wisdom. PRAGYAAN '24 is the official newsletter of Department of Mechanical Engineering, FISAT which is a snapshot of all the activities of academic year 2023-'24. This will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. The contents in the Newsletter include messages from higher officials, programmes conducted in the department and achievements by faculty and students.

The academic year was really remarkable for the department with activities and achievements. Student associations ASME and SAE conducted and also participated in many competitions and won prizes. ASME awards for leadership and other scholarships were bagged by our students. New MTech program for working professionals was introduced during this year. The efforts by Faculty, staff and students under the guidance of HOD is to be highly appreciated.

I would like to thank all faculty, staff and students for the timely contributions to this newsletter, so that we could release this edition in time. I also thank our Chairman, Principal and HOD for the guidance extended to us during the entire process of its creation. We look forward to receive constructive suggestions from all, towards the improvement of the Newsletter content.

### 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



**Gayathri R Menon**  
Third year Mech



**Muhammed Faihan**  
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. Dr. Sumanlal M.R                                       |
| 2. Dr. Mini P R, Vice Principal, FISAT   | Head of the Department (Mech. Engg.), FISAT               |
| 3. Dr. Unni Kartha G, Dean, Academics, FISAT   | 8. Dr. Jose Cherian                                       |
| 4. Mr. Deepak Prabhakar, CGM(CS), Mangalore Refinery & Petrochemicals Ltd. Kuthethoor PO, Mangalore. | Professor, Dept. of Mechanical Engg., FISAT               |
| 5. Dr. Biju Augustine, HoD, Dept. of ME, RIT Kottayam  | 9. Smt. Devi Parvathy S, Assistant Prof. Sr. Grade, FISAT |
| 6. Mr. Rishi S Kumar, Engineer R&D, V-Guard Industries Ltd. Ernakulam                                | 10. Mr. Jiju P P, Assistant Prof. Sr. Grade, FISAT        |
|  | 11. Mr. Sajan S, Assistant Prof. Sr. Grade, FISAT         |
|  | 12. Mr. Arun J Kulangara, Assistant Professor, ME, FISAT  |

## Industrial Visit to JANATICS India Pvt. Ltd., Coimbatore.

Nine faculty members from Department of ME and three from EI visited the Company, JANATICS India Pvt. Ltd. E - 25, SIDCO Industrial Estate, Kurichi,, Coimbatore on 10th August 2023. Janatics is one of the leading world class manufacturers of pneumatic products. The central manufacturing facility in Coimbatore, is equipped with technologically advanced machinery, supported by best-in-class infrastructure that includes exclusive casting facility with modern pressure die casting machineries, CNCs, Machining centres and special purpose machineries. Their main products are pneumatic cylinders, directional control valves, air line valves etc which are required for the present-day automation systems.



## "Fresh Engineer's at Work - navigating Entry level challenges -

Online webinar was conducted on 8th March '23 as part of International Women's Day celebrations. The resource person was Ms. Thejus Ajay Electrification/ Powertrain Thermal Management 1D Systems Engineer at GM-TCS, Bangalore. She is also an alumna of the Institute. The talk was on "Fresh Engineer's at Work - navigating Entry level challenges. The programme was organised by ASME, FISAT.



Ms. Thejus Ajay



## Internship at IIT Dharwad

Mr. Isaac James of Final year ME, successfully completed his internship at IIT Dharwad from 1st August to 30th September 2023 on the topic “Numerical analysis of the debonding strength analysis via Cohesive Zone Model” under the guidance of Dr. Somashekara M A, Assistant Professor, Department of Mechanical, Materials, and Aerospace Engineering, IIT Dharwad.



Dr. Somashekara M A  
Asst. professor  
IIT, Dharwad



Mr. Isaac James  
Final Year ME

## Erudite Lecture Series

Dr. Dibakar Rakshit, Associate Professor, Department of Science and Engineering, IIT Delhi was the resource person for the Erudite Lecture , 8th in the series which was held on 20th December '23. The topic was on “Green Building Concepts and Sustainable Energy



## Value Added Courses offered by Department.



ANSYS FLUENT



AUTODESK FUSION 360



SOLID WORKS



MS EXCEL

## Industrial Visit to CIPET

Students of Final year Mechanical Engineering visited CIPET, Eloor, Kochi (Central Institute of Petrochemicals Engineering and Technology) on 29th November '23. Students could see and gain knowledge about FDM 3D printer-various plastic raw materials and the mixing of various raw materials, compounding, mixing of coloured pellets in plastic to get pigmented plastic - injection moulding and how each of the processes work -Fourier Transform Infrared Spectroscopy, Moisture analyser, Pendulum impact tester, Brookfield viscometer, Universal Testing Machine, Water vapour transmission rate tester, Metal flow index tester, UV visible spectrometer, Thermo gravimetric analyser, Karl fischer titrator and Accelerated Weather Tester - biodegradation incubator that tests the biodegradability of various materials.



## The American Society of Mechanical Engineers (ASME)



The American Society of Mechanical Engineers is a professional association that, in its own words, “promotes the art, science, and practice of multidisciplinary engineering and allied sciences around. Its mission is to serve diverse global communities by advancing, disseminating and applying engineering knowledge for improving the quality of life and communicating the excitement of engineering.

Chairman	: Rythin Varghese , Final year ME
Vice Chairperson	: Ashwin B B, 3rd Year ME
Secretary	: Vaishnav S Kumar, 3rd Year ME
Joint Seretary	: Vineeth, 3rd Year ME
Convener	: Anand Shivan , 3rd Year ME
Joint Committee Chairman	: Rima Varghese, Final year ME
Technical Head	: Savio Thomas, Final year ME
Treasurer	: Sibin Shajan, Final year ME
Editorial Head	: Deyon T Saju, Second year ME
Documentation head	: Gayathri R Menon, 3rd Year ME
Publicity head	: Sravan Jaiju, 3rd Year ME
SDC Club Head	: Muhammed Faihan P B, Final Year ME
Web master	: Aswin Jayadev, 3rd Year ME
Creative head	: Josh Antony, 3rd year ME
Graphics head	: Alvin Varghese, Second year ME
HPVC head	: Gautham Krishna, 3rd year ME
IAM 3D Head	: Vivek Babu, 3rd Year ME
Faculty Advisors	: <b>Dr. Harish T M.,</b> <b>Mr. Anoop Sankar</b>

## Students Association of Mechanical Engineering (SAME)



The Student Association of Mechanical Engineers (SAME) is an association of students in the Department. It helps to improve the organising skills and leadership qualities of

students by arranging various programmes. All the students of the Department are its members. Activities like Technical talks, Industrial visits, social works, Conducts of Technical events etc. are being conducted by SAME, the programmes are coordinated by selected Student Chairman, Vice Chairman, Secretary, Joint Secretary, Treasurer and various event heads. Two faculty advisors guide the students to arrange the programs.

Chairman	: Siddharth Menon, Final year ME
Vice Chairman	: Alfi Joffi, 3rd year ME
Secretary	: Rahul Raj, Final year ME
Joint Secretary	: Ananthakrishnan H , 3rd year ME
Treasurer	: Johan Bobby, 2nd year ME
Technical Head	: Aalim Haroon, 2nd year ME
Publicity head	: Mohammed Rayiz, 2nd year ME
Faculty Advisors	: <b>Mr. Jiju P P, Mr. Srijith Rajeev</b>

## Society of Automotive Engineers (SAE)



Society of Automotive Engineers (SAE), Strive to deliver the community with the latest advancements in the automotive sector. It is a non-profitable group which aims to upthrust individuals to achieve potency in the automotive field. SAE-FISAT has 118 members from the Mechanical Department.

Chairman	: Sarathraj Kunnummal, Final year ME
Vice Chairman	: Abhijith Udayan, 3rd Year ME
Treasurer	: Vaishnav, 3rd Year ME
Secretary	: Sidharth M R, Final year ME
Technical Head	: Mohammed Alfian, Final Year ME
Publicity head	: Adwaith Mohan, 1st Year ME
Reception chair	: Thara Varghese, 2nd Year ME
Membership Chair	: Rishikesh S Prasad, Final year ME
Program Chair	: Mohammed Rayiz, 2nd Year ME
Documentation Head	: Haneen P K, 1st Year ME
Faculty Advisor	: <b>Mr. Arun J Kulangara, Mr. Nithin H</b>



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



The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) is a group of eminent HVAC&R professionals. ISHRAE FISAT currently consists of a 45-member team consisting of dedicated student members, engaged in activities which involve in-depth coverage of various industrial practices in the HVAC&R sector. ISHRAE FISAT is the third international student organization in the Department of Mechanical Engineering.

Student President	: Rahul Krishna, 3rd Year ME
Secretary	: Basil Khan, Final Year ME
President Elect	: Rishikesh S Prasad, Final Year ME
Treasurer	: Bharath Raj, 3rd Year ME
	: Amal Antony, 2nd Year ME
	: Mohammed Mansoor, Final Year ME
CWC Members	: Radhakrishnan B, 2nd Year ME
	: Amith S, 2nd Year ME
	: Nandana Menon, 2nd Year ME
	: Elvis Davis, Final Year ME
	: Rahul Antony, Final Year ME
	: Mohammed Kaif, 3rd Year ME
	: Niranjan, 3rd Year ME
Faculty Advisors	: <b>Mr. Renjith R, Mr. Sreejesh K</b>

## Launching of All Terrain Vehicle “Magna” by SAE FISAT

Magna , the All Terrain Vehicle made by SAE-FISAT was launched on 25th November'23. Mr.Shimith P R, Chairman , FISAT, Dr. Jacob Thomas, Principal and Dr.Sumanlal M R, HOD, ME were present during the launch. They congratulated the team members and faculty advisors for their great effort.

This ATV boasts a high-performance, 3.05 litre petrol engine that delivers relentless power and torque, ensuring an adrenaline-pumping experience for thrill-seekers and outdoor enthusiasts alike. Its advanced suspension system, comprising independent front and rear suspension, effortlessly absorbs shocks, providing a smooth ride even on the roughest landscapes. The MAGNA's aggressive yet ergonomic design not only exudes style but also its sleek yet robust frame is crafted from lightweight, high-strength material , ensuring durability while enhancing maneuverability across diverse terrains. Equipped with all-terrain tires and durable alloy wheels, this vehicle offers exceptional traction and stability, enabling riders to navigate through mud, rocks, and steep inclines with confidence. SAE FISAT has prioritized safety in the MAGNA , integrating features such as a reinforced roll cage, high-performance disc brakes, and a responsive steering system, ensuring riders' security even in the most challenging conditions. Moreover, the ATV comes equipped with state-of-the-art technology, including a LED fog lamp lighting for enhanced visibility during night rides.

**Team members:** Sidharth, Sarathraj, Nandana Menon, Abhijith Udayan, Vaishnav, Mohamed Rayiz, Tara Varghese,

**Faculty Advisor:** Nithin H , Assistant Professor, ME



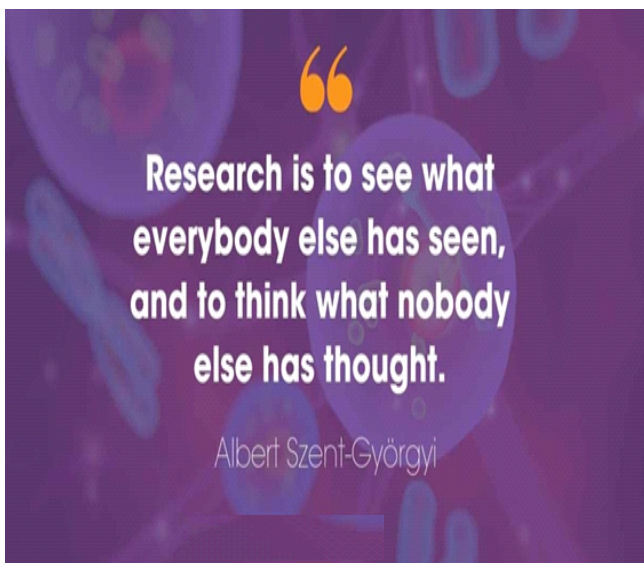
## Autonomous Drone Development

On 8th November 2023 the members of ASME FISAT attended workshop on Autonomous Drone Development organized by ASME FISAT. The session was conducted by Asst. Prof Aashish C, KC TECH and founder of Drishyam Drones. Over 90 students attended the session. It provided a comprehensive overview of the advancements, challenges, and future prospects in the field of autonomous drone technology. Asst. Prof Aashish C Shared insights into the practical challenges faced in developing autonomous drones for commercial applications. Also discussed the integration of artificial intelligence (AI) and machine learning (ML) algorithms in enhancing drone autonomy.

## Technical Photography contest

The Technical Photography Contest, organized by ASME FISAT, ran from February 3rd to March 14th, 2024, welcoming participation from all department members. With an impressive turnout, the contest received approximately 60-67 entries, showcasing the diverse talents and perspectives within the community. After careful evaluation by the esteemed panel of judges from FRAME FISAT, headed by Sravan Jaiju, two winners emerged:

1. First Prize: Awarded to Nithin P Nair, Third year ME for his outstanding contribution, demonstrating creativity, technical prowess, and a keen eye for detail.
2. Second Prize: Josh Antony, Second year ME for his exceptional work, exhibiting innovation and skill in capturing technical subjects through the lens.

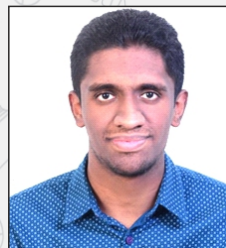


## Industrial Visit to LPSC (Liquid Propulsion System Centre)

Seventy five students of 3rd year Mechanical Engineering accompanied by six faculty visited (Liquid Propulsion System Centre), Thiruvananthapuram on 11th October 2023. They visited the Testing facility, Machining Labs/ centres, Exhibition centre etc. at LPSC.



## Class Toppers



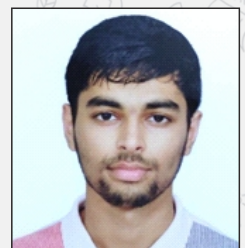
**Issac James**  
Final Year ME



**Gautham Krishna H**  
Third Year ME



**Akshay Raj**  
Second Year ME



**Christo Paul Bobby**  
First Year ME



## NPTEL Performers

Congratulations to all the top performers in the NPTEL Online Course in Manufacturing Process I & II conducted by IIT Kanpur from January – April 2024.



**Basil Khan Siraj**  
Final year ME



**Joshua Jacob Johnson**  
Third year ME



**Rythin Varghese**  
Final year ME



**Gautham Krishna H**  
Third year ME



**K Bharath Rajan**  
Third year ME



**Mohamed Faihan P B**  
Final year ME



**Nideesh Baburaj**  
Third year ME



**Niranjana K Dhanush**  
Third year ME



**Vineeth Vishnu P R**  
Third year ME



**Vivek Babu**  
Third year ME



**Anto Tomy**  
Final year ME

## 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. Isaac James & Mr. Christin Thomas.

### Best Outgoing student of 2020-'24 Batch



**Mr. Isaac James**

### Best Performer of 2020-'24 Batch



**Mr. Christin Thomas**

## Ambu Sivadas award

Ambu Sivadas was our dear student (2014 admission) who passed away in 2014 in a road accident. In order to perpetuate his memory, Ambu Sivadas award was instituted by his parents. The award is for the student who gets the maximum SGPA in third semester Mechanical Engineering branch. Congratulations to the award recipients.



**Gautham Krishna H**  
2021 Admission



**Mr. Isaac James**  
2020 Admission

Students graduated with Honours / Minor Degree in 2020-'24 batch

*Congratulations to all.....*

## HONOURS DEGREE



**ISAAC JAMES**  
B.Tech (Honors) with CGPA 9.28



**CHRISTIN THOMAS**  
B.Tech (Honors) with CGPA 9.07  
and minor in EIE



**MOHAMED FAIHAN P B**  
B.Tech (Honors) with CGPA 8.79  
and minor in EIE

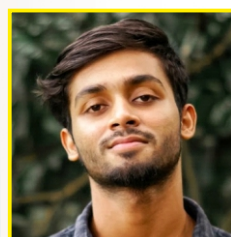


**BASIL KHAN ZIRAZ**  
B.Tech (Honors) with CGPA 8.66

## MINOR DEGREE



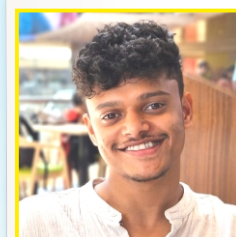
**GEORGE JOJO PAROKKARAN**  
Minor - ECE



**Rohit Krishna**  
Minor - EIE



**Rima Varghese**  
Minor - CSE



**Eldho Raju**  
Minor - EIE



**PRANOY PRINCE**  
Minor - EIE



**ELVIS DAVIS**  
Minor - EIE



**GOKUL. K. P**  
Minor - EIE



**Rythin Varghese**  
Minor - CSE



### Campus Placements of 2020-'24 Batch

Sl.No.	Name	Job Offers	Company
1	Aadhil Aayooob	2	Sutherland, KGISL
2	Abhijith Murali	1	Evapro
3	Akshay Krishna	1	Sutherland
4	Anandhu Prakash	1	Samudra Maritime
5	Arjun P S	1	Netza Technologies
6	Athul Krishna P S	1	Apollo Tyres Ltd.
7	Daniel Johnson	1	Mazmeer Design and Engineering Studio
8	Devadath Meempallil Oonni	1	Samudra Maritime
9	Edwin Davis	1	Evapro
10	Edwin Joseph	2	Evapro, Craft Logic Labs
11	Eldho Raju	1	90+ My Tution App
12	Gautham Krishna C	1	Netza Technologies
13	Harikrishna Viswanathan	1	Nalashaa Solutions
14	Mohamed Ishan P I	1	Evapro
15	Nikhil Thomas	1	Evapro
16	Rima Varghese	2	TCS, Evapro
17	Rythin Varghese	3	Walkaroo International, Evapro, Amphenol FCI
18	Sabarinath Vimalkumar	1	Samudra Maritime
19	Sarathraj Kunnummal	3	Sutherland, KGISL, 90+My Tution App

Beyond this 19 students got placement through Graduate Marine Engineering (GME) programme.

### Industrial Visit to KSEB Pallivasal Power station

Industrial visit to “KSEB Pallivasal power station” was successfully organized by the 2nd years of Mechanical Engineering on 1/12/23. 110 students and 3 faculty visited the industry.

Briefings were given by the KSEB staffs about the working of the control room and pen stock. After that they had a sightseeing at Eco point and Top station in Munnar. The industrial visit to Pallivasal power station enriched the knowledge in the working of Pelton turbine and were provided opportunity to learn through demonstration.



## Best Final Year Projects of 2020-'24 Batch

1. Project title : Mechanical and Microstructural characterization of Functionally graded Inconel 825-SS30L Fabricated using Wire Arc Additive Manufacturing.  
Team members :Abhijith Murali, Ghristin Thomas, Elvis Davis, George Jojo  
Project Guide : Dr.Harish T M, Asst. Prof. ME
2. Project Title : All-Wheel Independent Steering System.  
Team Members :Devadath Meempalliloonni, Edwin Joseph, Eldhose K Shaji, Gokul k P  
Project Guide :Mr. Nithin H , Asst. Prof. ME
3. Project title: Mechanical and Microstructural Characterization of Aluminum Alloy AA5083 H111 Fabricated on AA2024 substrate using Friction Surfacing Additive Deposition.  
Team members: Mohammed Faihan P B, Mohammed Ishan PI, Mohammed Alfian PA, Muhammed Habeeb EM  
Project Guide: Dr. Harish TM, Assistant Professor, ME
4. Project Title: Thermomechanical Study of Polylactic Acid (PLA) Shape Memory Polymer using Finite Element Analysis.  
Team Members : Issac James, Pranoy Prince, Rima Varghese, Rythin Varghese.  
Project Guide: Mr. Anoop Sankar, Asst. Professor, ME

## APJAKTU Financial Assistance to Student Project

The project titled “Development and Fabrication of Aluminium 7075 Composite Reinforced with Industrial waste and Clay” by Dr.Harish T M , Asst. Prof. ME was selected for Financial assistance from APJAKTU under the scheme Innovative student projects.



Team members: Nasmal Navas, Sreekanth K A and Nandukrishnan A U of 2022 pass out.



Nasmal Navas



Sreekanth K A



Nandukrishnan A U

## Industrial Visit to BSS NDT Pvt. Ltd.

Final year students of Mechanical Engineering department who opted the elective course, Advanced Methods in Non-Destructive Testing, visited BSS NDT Pvt. Ltd. , Mookkannore, Angamaly on 19/10/'23. BSS is a reputed Non-Destructive Testing (NDT) training and service centre with more than 10 years of experience in this field. Students got a live demo on Radiography test, Ultrasonic test, Penetrant test and Magnetic Particle test.

53 students participated in the visit. Technicians at the centre explained the principle and working of each testing equipment. The test results were analysed and students had a knowledgeable session on various Non-Destructive testing methods. The Director of the firm appreciated the attitude of the students through out the visit.





## ASME, Charles T Main Student Leadership Award 2024

ASME Charles T. Main Student Leadership Award recognizes current undergraduate ASME Student Members whose leadership and service qualities have contributed for a period of at least one year, to the programs and operations of a Student Section of the Society, to enhance student activities within the department, to other related activities and services related to mechanical engineering students at the institution; the engineering profession and ASME. The 2024 award was bagged by Rythin Varghese and Rima Varghese of Final year Mechanical Engineering, FISAT.



Rythin Varghese



Rima Varghese

## Alumni - Office Bearers

Chairman : Ignatius Baby 2010 Admission, Cochin Shipyard Ltd.

Secretary : Arun J Kulangara, 2009 Admission, 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

## The Mech FISAT Alumni Connect (MFAC) Scholarships 2024.

The first batch of Mechanical Engineering (2009-2013) with 65 students collected 1.02 Lakhs to provide scholarships, support student projects, and other noble causes. It was to celebrate '10' years of graduation, gratitude, and friendship. The scholarships are designed to recognize the hard work and dedication of mechanical engineering students of FISAT. This year, the scholarship was awarded to Mr. Karthik M P of S2 Mechanical Engineering.

## Farewell to 2020-2024 batch of Mechanical Engineering

Farewell to 2020-'24 batch of Mechanical Engineering students was conducted on 9th May '24 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.





## Thanks for your service...

We bid farewell to these faculty who have resigned after a period of dedicated service. We are grateful for the contributions, expertise and passion they brought to the department. They have been an 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. Thank you for your service and you all will be deeply missed.



**Dr. Midhun Paul**



**Mr. Anoob Jose**



**Mr. Renjith R**



**Mr. Manu Mathew**

## Onam Celebrations 2023





## Sports and Games

Many students of the Mechanical Engineering Department are members in the FISAT sports and games team which won many tournaments including KTU-South zone and Interzone tournaments. Congratulations to all.....

### Basket Ball Players



**Nikhil Thomas**  
Final Year ME



**Rima Varghese**  
Final Year ME



**Althaf Muhammad**  
Final Year ME



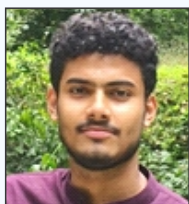
**Aadhil Ayyoob**  
Final Year ME



**Harikrishnan V**  
Final Year ME



**Althaf Muhammad**  
Third Year ME



**Anirudh P**  
Third Year ME



**Hashim Babu**  
Second Year ME



**Karthik Sathish**  
Second Year ME



**Mazin A V**  
First Year ME



**Jazim Ahammed**  
Final Year ME



**Bhadra T S**  
First Year ME

### Foot Ball Players



**Izzul Rasheed**  
Third Year ME



**Prayus Thomas**  
Third Year ME



**Jofin Prasanth**  
Second Year ME



**Navaneeth V P**  
First Year ME



**Alphin Davis**  
Second Year ME



**Elsa Rosemary**  
Third Year ME



**Thara Varghese**  
Second Year ME

### Volley Ball Players



**Abhijith Udayan**  
Third Year ME



**Adinadhan R**  
First Year ME

### Kabadi Players



**Sachu S**  
First Year ME



**Manav A**  
Third Year ME

### Tug of War



**Manav A**  
Third Year ME



**Joel Joe**  
Third Year ME

### Roller Hockey Player



**Darwin Shibu**  
Final Year ME



2020 ADMISSION, ME A - BATCH



2020 ADMISSION, ME B - BATCH