

MOMENTUM

DEPARTMENT OF MECHANICAL ENGINEERING

MANGALAM COLLEGE OF ENGINEERING

Dear Colleagues & Students,

As the Head of the Mechanical Department, I would like to take this opportunity to share some updates and highlights with you.

Despite the many obstacles we have faced, I am proud to say that we have continued to push forward and achieve our goals. From innovative research projects to successful collaborations with industry partners, our department has made great strides in advancing the field of mechanical engineering.



As we look ahead, I encourage all of you to continue pursuing excellence in your work and striving to make a positive impact in the world. Let us continue to support one another and work together as a team to overcome any challenges that may come our way.

Thank you for your continued support and commitment to our department. Let us work together towards achieving greater success and excellence.

Best regards,

Dr. Nidhish Mathew Nidhiry

VISION

To be a center of excellence in Mechanical Engineering by creating innovative and socially responsible technocrats to meet the global challenges.

MISSION

1. To provide qualitative technical knowledge in the domain of Mechanical Engineering to compete in the global scenario.
2. To nurture socially committed mechanical engineers through value based education.
3. To enhance the research ability of knowledge seekers for the changing needs of society.

Editorial

Dr. Nidhish Mathew Nidhiry
Mr. Hariprasad K S
Anandhu K Prakash
(Assistant Editor)
Karthika S Nair
Adarsh Biju
Bilwin Benny

Department Activities

- Workshop on CNC Machine Design and fabrication by SKYFI Educational Labs, Bangalore was conducted on 15/03/2019 to 16/03/2019.



Student Activities

- Jayakrishnan, Vipinraj B, Arun Anand, Muhammed Thahir Asan won Best project award for "Anti-Theft Wheel Locking System With Automatic Stand Retrieval Mechanism In Bikes".
- Divesh C R, Devakrishnan S, Arjun Manoj, Anandhu K Prakash won Best project award for "Study & Comparison of Properties of Heat Treated Blended Metals by using Sem And Edax Analysis".
- Sammuel Thomas Biju completed internship at Travancore Cements Limited kottayam on 07/01/2019 to 11/01/2019.
- Ajeesha AL, Ajith Kumar Saji, Anandapadmanabhan S, completed internship at State Water Transport Department on 15/01/2019 to 19/01/2019.
- Abdul Hekkem TA, Jestin Thampi, Jithin Karunan, Midhun Joshy, Sushanth Ankush Mane, Sameer KS completed internship at Keltron Knowledge Centre on 22/07/2019 to 28/07/2019.
- Adarsh Krishna A, Akshay S completed internship at KSRTC(Mavellikara) on 11/07/2019 to 15/07/2019.
- Jomon Mathews, Jebin P D, Abidh Suliman, Bibin Babu completed internship at KSRTC (Pala) at 22/07/2019 to 26/07/2019.
- Ananthu A, Aswin Roy, Jerry Jose, Abhishek Subash, Anandu A R, Deepak P Madhu, Gokul P, Anandh VS completed internship at Travancore Sugars and Chemicals at 23/07/2019 to 27/07/2019.
- Ajay Kurian Tomy, Abin Biju, Basil Mathew completed internship at Torc Infotech Kochi at 14/07/2019 to 28/07/2019.

PROGRAM EDUCATIONAL

OBJECTIVES

Domain knowledge: Graduates will be able to solve the contemporary issues and challenges in mechanical engineering by applying their strong base in Mathematics, Science and Engineering.

Lifelong learning: Graduates shall have a passion to engage in lifelong learning process through self study, continuing education and professional studies in engineering.

Creative skillset: Graduates will become an effective innovator, to address social, technical and business challenges by enhancing their technical competencies, communication skill and team spirit.

PROGRAM SPECIFIC

OBJECTIVES

PSO 1: Able to identify, formulate design and analyze the contemporary challenges and engineering problems in the realm of Design, Industrial and Thermal sciences, utilizing latest technology.

PSO 2: Able to provide solutions by incorporating innovative ideas on product design and development to conquer the challenges in core mechanical sectors, business and other related fields.