

MOMENTUM

DEPARTMENT OF MECHANICAL ENGINEERING

FROM HoD's DESK

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.

Dear Faculty & Students,

I am happy to introduce myself as the new head of the Mechanical Department. Although these are challenging times, I am excited to take on this role and work alongside our talented faculty and staff to provide you with an exceptional education.

Despite the pandemic, our department remains committed to providing an engaging and supportive learning environment. We will continue to prioritize your safety and well-being while delivering high-quality instruction and hands-on learning experiences. Our faculty members are dedicated to helping you succeed and will be available to answer your questions and provide guidance as you navigate your studies.



In the coming months, we will be exploring new ways to innovate and enhance our curriculum to prepare you for success in the ever-changing world of Mechanical Engineering. We are also committed to providing you with opportunities to connect with alumni and industry professionals, allowing you to build your professional network and gain valuable insights into the field.

I would like to express our gratitude for the valuable contributions that Dr. Nidhish Mathew Nidhiry has made during his time with us. His expertise, passion, and dedication have been an inspiration to us all. His commitment to teaching and willingness to go above and beyond to help students succeed have left a lasting impact on our lives and on our futures. and wish him all the best in his future endeavors.

I look forward to getting to know each of you and working together to achieve your academic and career goals.

Best regards,

Dr. Pratheesh K.

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.

DEPARTMENT ACTIVITIES

- National level tech fest Torque 8 was held on 6/02/2020
- Workshop on “BMW Engine Diagnosis” by Elan & Vision, IIT Hyderabad on 27&28/02/2020.
- Seminar on Project Management by Binu Sachin, IBM India Pvt Ltd, Bangalore capability fulfillment manager on 14/02/2020.
- Faculty Visit and Training at Volvo CE Pvt Ltd, Bangalore, Toyota Industries Engine India Private Limited and L square Eco- Products Private Limited, Bangalore

STUDENT ACTIVITIES

- Jomon Mathews completed MOOC, UDEMAY course on 03/04/2020.
- Anandhu Saji completed MOOC, UDEMAY course on 03/04/2020.
- Dickson Sunoj Thomas completed MOOC, UDEMAY course on 03/04/2020.
- Ajay Kurian Tomy completed MOOC, UDEMAY course on 03/04/2020.
- Achu thankachan got first prize in “Nakshathra technical fest”, Saintgits Engineering College.



Workshop on“ BMW Engine Diagnosis



Seminar on Project Management



From former HoD

Dear Colleagues and beloved students,
I am deeply touched by your expression of gratitude and appreciation for my work at our institution.

I wanted to take a moment to express my heartfelt thanks and gratitude to each and every one of you. It has been an honor and a privilege to work alongside such a talented and dedicated group of individuals.

During my time here, I have been continually impressed by your commitment to excellence, your passion for teaching and research, and your unwavering support for our students. I have learned so much from each of you, and I am grateful for the opportunity to have been a part of this community.

Working with you and your fellow students has been one of the highlights of my time here. Your dedication to your studies and your eagerness to learn have made teaching a joy and a privilege. I am proud of all that you have accomplished and look forward to seeing the great things you will achieve in the future.

While I am sad to be leaving, I am excited for the new opportunities that await me. I will carry with me many fond memories of my time here, and I will always cherish the relationships I have built with my students and colleagues.

Thank you again for your continued support. Please keep in touch, and know that I am always here to offer guidance and advice, even from afar.

Dr. Nidhish Mathew Nidhiry

Samuel Thomas Biju, Jostin Thomas, Motty Varkey Rajan, Mithun K Thomas of 2016-20 batch receiving **Honorable 1st in IEEE YESIST12** at **Stamford International University, Petchburi Campus, Thailand**.

Title: ADJUSTABLE STANDING FRAME WITH ACTIVITY TRAINER



Jithin George, Jithin V Devasia, Sebin Babychan, Joseph Mathew of 2016-20 batch received **Best Prototype award – Innovation awards by SSET**.

TITLE: SOLAR POWERED HYBRID THREE WHEELER

Editorial

Dr. Pratheesh K

Dr. Nidhish Mathew Nidhiry

Mr. Rajeeve K Mohan

Mr. Hariprasad K S

Joseph Babu (Assistant Editor)

Sreelakshmi S

Nakul Suresh

Jayashanker Pillai



**Faculty Visit and Training
at Volvo CE Pvt Ltd,
Bangalore,
Toyota Industries Engine India Private Limited and
L square Eco- Products Private Limited,
Bangalore**

