



FRANCIS XAVIER[™] ENGINEERING COLLEGE AN AUTONOMOUS INSTITUTION

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DEPARTMENT OF MECHANICAL ENGINEERING MONTHLY NEWS – JULY 2022

About Department of Mechanical Engineering

The department offers UG program in B.E Mechanical engineering from the year 2005. The department started a PG program M.E Industrial Safety Engineering from this academic year 2018-2019. This course has wide range of job opportunity in the Industrial and Academic sector of India as well as abroad. The Department aims at providing the students with a perfect blend of intellectual and practical experiences with the support state-of-the-art laboratories and well defined academic structure. The UG program is accredited by National Board of Accreditation (NBA). The special feature of the Department has established three applied laboratories, in addition to the regular labs to support students to master skills to make each one industry-ready, with a solid grounding in the principles and practice of Mechanical Engineering. We also have a strong academy for training students to appear for GATE exam.

Vision of the Department

To produce competent Mechanical Engineers of excellent technical and managerial skills with profound morality for global, national and confront societal development.

Mission of the Department

1. To provide quality education in Mechanical Engineering with an interdisciplinary approach, encouraging innovation, research, and Entrepreneurship through world-class infrastructure and proficient teachers.
2. To make the department self-reliant through multiple programs with excellent curriculum, best practices, and industry exposure.
3. To inculcate technical, professional, leadership skills, moral ethics, and lifelong learning.

Programme Educational Outcomes

Bachelor of Mechanical Engineering curriculum is designed to impart Knowledge, Skill, and Attitude on the graduates to

PEO 1: Have a successful professional career in Mechanical Engineering and allied industries, either by employment or through entrepreneurship.

PEO 2: Establish competency in Design, Thermal, Materials, and Manufacturing system with ethics and social responsibility.

PEO 3: Have a continual receptiveness for leadership and social challenges.

Message from the Head of the Department

**Dear Colleagues,
Greetings!**

I have great pleasure and pride to announce that the Department of Mechanical Engineering is publishing the newsletter for the month of July 2022. Amidst the Covid Pandemic situation, we strived hard to keep the students engaged, and utilize the time not only for quality education and also for self-development. We are steadfast in our progress as it involved various activities that enabled the hidden talents of the department students and faculty members to be brought into light. Besides the lockdown, our faculty members are continuously attending various training programs, publishing research papers, book chapters and are also working on getting patents.

This newsletter is the reflection of department activities which showcases all the events held in the department, contribution of faculty members, students and the best practices adopted. I would like to congratulate all the members of the editorial board for their sincere effort to realize this venture.



Dr. R. Samuel Hansen, M.E., Ph.D.
Professor & Head
samuel_hansen@rediffmail.com

EDITORIAL BOARD

Dr. Dr. R. Samuel Hansen, Professor & Head of Department, Editor – in – Chief.

Dr. S. Balakrishnan, Assistant Professor, Mechanical Department, Faculty In charge.

MEMORANDUM OF UNDERSTANDING

On July 13, 2022, a Memorandum of Understanding was signed between M/S. L & T Edutech at the MoU Signs Off in FXEC the Conference Room. The signatories were Mrs. M F Febin, Head College Connect Business, India and Dr. V. Velmurugan, Principal, FXEC. Dr. S Cletus Babu, Founder & Chairman, SCAD Group of Institutions presided over the function, and Dr. K Jeyakumar, General Manager Development, SCAD Group of Institutions welcomed everyone and gave an introduction to the institution. Dr. V Velmurugan, Principal, Francis Xavier Engineering College, Prof. This MOU outlined the initiative for cooperation between the two parties in the areas of Industry supported course & training for students and faculty based on Institute requirements as per the Syllabus.

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Signing of
Memorandum of understanding
with
MoU
L&T EduTech
13th JULY 2022 @ 11 AM

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Out of 14,505 Technical Institutions, FXEC has
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