



STELLA MARY'S COLLEGE OF ENGINEERING

(APPROVED BY AICTE , NEW DELHI, AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

ARUTHENGAVILLAI, KALLUKATTI JUNCTION, AZHIKAL (PO), KANYAKUMARI DISTRICT-629202

DEPARTMENT OF MECHANICAL ENGINEERING NEWS LETTER

Volume: 2 Issue: Jan 2024 - May 2024

SMCE/MECH/NEWS LETTER

VISION

To excel in Mechanical engineering by producing skilled, innovative engineers who address societal challenges and develop impactful solutions through research, collaboration, and practical applications.

MISSION

M1: To equip students with the knowledge and skills necessary to become exceptional mechanical engineers, capable of solving complex problems and driving positive change through innovation and ethical leadership.

M2: To conduct innovative research, develop advanced technologies, and collaborate with industry partners to address critical engineering challenges and build a sustainable future.

M3: To apply engineering knowledge to enhance communities, inspire future generations, and protect the environment through safe and responsible practices.

HOD'S DESK

The Department of Mechanical Engineering stands as a foundational pillar of this esteemed institution, contributing significantly since its inception. Known for its academic rigor and innovative spirit, the department has consistently produced skilled technocrats, researchers, and industry leaders. With a legacy built on excellence, it continues to uphold the highest standards in teaching, research, and industrial collaboration. The faculty comprises experienced professionals who bring a blend of theoretical knowledge and practical expertise, guiding students through a dynamic and evolving curriculum. Emphasizing both academic achievement and personal growth, the department offers a nurturing environment that supports innovation, creativity, and hands-on learning. Well-equipped laboratories, research centers, and industry tie-ups provide students with valuable exposure to real-world engineering challenges. The department is dedicated to shaping future-ready mechanical engineers who are not only technically proficient but also ethically grounded and socially responsible, ready to contribute meaningfully to global technological advancement.



Dr. F. Michael Raj
Head of the Department

Programme Educational Objectives

PEO1: Effectuating success in careers by exploring with the design, digital and computational analysis of engineering systems, experimentation and testing, smart manufacturing, technical services, and research.

PEO2: Amalgamating effectively with stakeholders to update and improve their core competencies and abilities to ethically compete in the ever-changing multicultural global enterprise.

PEO3: To encourage multi-disciplinary research and development to foster advanced technology, and to nurture innovation and entrepreneurship in order to compete successfully in the global economy.

PEO4: To globally share and apply technical knowledge to create new opportunities that proactively advances our society through team efforts and to solve various challenging technical, environmental and societal problems.

PEO5: To create world class mechanical engineers capable of practice engineering ethically with a solid vision to become great leaders in academia, industries and society

STUDENTS ACHIEVEMENT'S

Resource Person : Bibin, Manager , Mr. Kutty Balan, Trainer

**CADPoint. Auyhorized Training centre
Master CAM-CNC Lathe and milling**

**National Skill Development & certification Authority Trio cad center ,
Nagercoil.**



STUDENTS ACHIEVEMENT'S

Sl. No.	Name	EVENT	Held At	Competition	Date
2024-2024					
1.	Alfin Danny	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation/ Photography	10-06-2024
2.	Sefinsha	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation	10-06-2024
3.	Abdul Hakkim	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation	10-06-2024
4.	Sangeeth A.S	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation	10-06-2024
5.	Adharsh Gopi	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation/ Photography	10-06-2024

STUDENTS ACADEMIC TOPPERS



Linsha pushparaj
CGPA : 8.68



Muneeswari p
CGPA : 8.48



Gayathri g
CGPA : 8.36

FACULTY ACTIVITIES

S. No.	Name of the Faculties	Topic	Institution	Date		Cummulative days	Faculties Interaction with Outside World (Activities Type)	Faculties Interaction with Outside World
				From	To			
1	Dr. F. Micheal Raj	Future Perspectives in Cold Spray Process and its Applications	Government College of Engineering, Bargur	05-12-2024	06-12-2024	2	Workshop	Participant
2	Dr. C. Dhayananth Jegan	Intellectual Property Rights	Dr. M. G. R Educational and Research Institute	22-05-2024	26-05-2024	5	FDP	Participant

3	Mr. S. Ajithkumar	Intellectual Property Rights	Dr. M. G. R Educational and Research Institute	22-05-2024	26-05-2024	5	FDP	Participant
4	Mr. E. Bravin Daniel	ICT for Teaching and Learning	NITTTR, Chennai	09-01-2024	13-01-2024	5	PDP	Participant
5	Mr. P. Vijayan	Education 5.0	Dr. M. G. R Educational and Research Institute	15-05-2024	19-05-2024	5	FDP	Participant
6	Mr. I. P. Rakesh	How to write and get your research paper published	ESSGEE DIGISKILLS	05-01-2024	15-01-2024	11	Workshop	Participant
7	Mr. I. P. Rakesh	Waste to Energy Conversion	NPTEL - FDP	January 2024	April 2024		NPTEL - FDP	Participant

AWARDS RECEIVED BY FACULTIES

TITLE: OUTSTANDING RESEARCHER AWARD

NAME OF THE FACULTY: DR. M. SIVAPRAKASH

RECEIVED FROM: STELLA MARY'S COLLEGE OF ENGINEERING

EDITOR : Mr. Vijayan P



STUDENTS COORDINATORS

Gayathri G

Muneeswari P

Linsha Pushparaj