



# 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



### VISSION

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 primary goal of this initiative is to strengthen our connection with all stakeholders of the Mechanical Engineering Department, including students, alumni, faculty, staff, parents, and industry partners. This newsletter is designed to be more than just a source of information—it serves as a platform for sharing ideas, celebrating achievements, and fostering a sense of community. It highlights important departmental events, student and faculty accomplishments, and recent activities. We are truly grateful for the enthusiastic support from everyone involved in making this publication possible. In addition to reporting on academic and extracurricular milestones, the newsletter provides a space for creative expression and intellectual exchange. It also includes valuable statistics on training and placement for the latest graduating batch. To showcase the academic excellence of our students, we have featured a selection of outstanding papers written by them. We hope this newsletter inspires and informs all who read it.

# EVENTS ORGANIZED

## Workshop on Design thinking, Critical thinking, and Innovation

### Resource Persons :

1. Rakesh Vijayan (Training & Development Specialist)
2. D. Balaji ( Training Manager Corporate Rubicon, Faceprep)
3. Meenatchi Sankaran (Financial Advisor- Right Investment Entrepreneur)

**Date: 19 Dec to 20 Dec 2022**

Sl.No	Name of Course	Year	Name Of the Organization and Resource Person Details	Duration and Total Hours	Number of Students Benefited
1	Solid Works	IV	National Skill Development & certification Authority	AUG 2022 to NOV 2022	49

Sl.No	Title	Resource Person	Date
1.	Lecture on ansys fluent introduction	A.Prabheharan	29.07.2022
2.	Renewable energy	A.Prabheharan	29-07-2022
3..	Seminar on cad	Mr Selvaraj	07-09-2022
4.	Seminar on oil and gas introduction and application	R.Balasubramonian	08-09-2022

# STUDENTS ACHIEVEMENTS

## **LIST OF STUDENTS ATTENDED/PRESENTED WORKSHOPS/SEMINARS**

Sl. No.	Name	EVENT	Held At	Competition	Date
1.	Alfin Danny	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation/Ph otography	10-06-2022
2.	Sefinsha	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation	10-06-2022
3.	Abdul Hakkim	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation	10-06-2022
4.	Sangeeth A.S	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation	10-06-2022
5.	AdharshGopi	Technical Symposium MECX22	St.Xaviers Catholic College of Engineering	Paper Presentation/Ph otography	10-06-2022

# STAFF ACHIEVEMENTS

S. No	Name of the Faculty	Paper Title	Journal Name	DOI	ISBN Number
1	Dr. M. Sivaprakash	Fundamentals of Research Methodology	San International Publication		978-81-966147-5-1
2	Dr. M. Sivaprakash	Scrutiny of Bio-Gas from Kitchen Waste by Means of Anaerobic Digester	Cutting Edge Research in Biology Vol. 7	10.9734/bpi/cerb/v7/5085C	978-81-19217-40-3
3	Dr. M. Sivaprakash	A Review on Homogeneous Charge Compression Ignition (HCCI) Engines	Cutting-Edge Technologies in Innovations in Computer Science and Engineering	10.59646/csebookc14/004	978-81-9638-49-75

Name of the faculty : Dr. F. Michael raj

Nature of Interaction : Editorial Team

Organization Name : Universe Scientific Publishing

Occurrence Title : Editorial Member

## AWARDS RECEIVED BY FACULTIES

TITLE: ACADEMIC EXCELLENCE AWARD

NAME OF THE FACULTY : DR. R. SURESH PREMIL KUMAR

RECEIVED FROM : THE INSTITUTE OF ENGINEERING (INDIA)

EDITOR: MR. S. BRAVIN DANIEL

## STUDENTS COORDINATORS

S. SHIJU GLADWIN

R. GODFREY MOHAN, R. SUGANIYA

J. DAVID HARRIS