



DEPARTMENT OF MECHANICAL ENGINEERING

STELLA MARY'S COLLEGE OF ENGINEERING

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

ARUTHENGANVILAI, KALLUKATTI JUNCTION AZHIKAL POST, KANYAKUMARI DISTRICT- 629202



VISION

To impart nationally and internationally recognized education on Mechanical Engineering, leading to well qualified engineers who are innovative contributors to the profession and successful in advanced studies and research.

MISSION

- ➔ To provide an international class of education enabling the students to have the ability to design, plan, engineer, administer and manage the latest technologies in the field of Mechanical Engineering.
- ➔ To train students to face the future challenges of industries and society.
- ➔ To equip the students to take leading positions in industry, academia, and PSUs both in India and abroad.

PEOs

PEO1: To produce Mechanical Engineers with an outstanding knowledge of Mathematics, Science, Engineering, Management, Humanities and other interdisciplinary subjects for a successful career.

PEO2: To equip the students with modern tools and technology for deliberating engineering solutions.

PEO3: To inculcate students with leadership skills with a high level of integrity, ethics and moral values.



NEWS LETTER

HOD'S DESK

The main aim of this initiative is to improve our relations with our students, alumni, employees, parents, industries, and all other Mechanical Engineering Department stakeholders. The newsletter aspires to be a networking tool that not only informs readers about events on campus, but also educates, informs, and motivates them on a variety of topics. It will also give a person a place to share their creative ideas. We are blown away by the outpouring of support we got from students, faculty, and staff in putting this newsletter together. We have written on significant accomplishments and events of departments, as well as individual students and staff, in this newsletter. Details of recent departmental activities are also published. Statistics on training and placement for the most recent graduating class have also been given. Aside from that, some of the fantastic papers written by students have been included.

Mr. S.A. Edward Dhas



EVENTS ORGANIZED

Seminar on Magnetic Particle Test.

Resource Person : **Mr. I.Benjamin**

Managing partner,

3 Q Inspection Service, Trichy.

on 02/01/2019



Workshop on CNC Programming and Machining

Resource Person : **Mr. Jeya Sankar**

M-TAB Chennai

on 12-01-2019



STUDENT ACHIEVEMENT

S.NO	NAME OF STUDENT	ORGANISED/ CONDUCTED BY	Date	ACHIEVEMENT
1	K.Surya A. MuthuMani	“MECHRAND 2K19” IN Ponjesly college of engineering	16-02-2019	Second prize for paper presentation
2	A.Vigneshwar	“MECHRAND 2K19” IN Ponjesly college of engineering	16-02-2019	First prize for just a minute
3	T.K. Abinesh	“CHAKRA 19” IN Bethlahem institute of engineering	22-02-2019	First prize in water rocketry
4	R.Arunkumar	“CHAKRA 19” IN Bethlahem institute of engineering	22-02-2019	Second prize in water rocketry
5	J.Abishek	“CHAKRA 19” IN Bethlahem institute of engineering	22-02-2019	Second prize for CAD Modelling
6	R.Godfrey Mohan	“CHAKRA 19” IN Bethlahem institute of engineering	22-02-2019	First prize for spell bee

7	Abdul Basith	“CHAKRA 19” IN Bethlehem institute of engineering	22-02-2019	Second prize for paper presentation
8	R.R.Rohith	3 rd Kanyakumari book fair- 2019	25-02-2019	First prize for poetry competition tamil
9	R.R.Rohith	3 rd Kanyakumari book fair- 2019	25-02-2019	3 rd prize Singing competiton
10	R.R.Rohith J.K.Jinu kumar	3 rd Kanyakumari book fair- 2019	25-02-2019	Second prize for quiz competition
11	J.John Jerlin R.R.Rohith	“MACH 19” Rohini college of engineering	01-03-2019	Second prize for paper presentation
12	T.K.Abinesh	“MACH 19” Rohini college of engineering	01-03-2019	First prize for Aqua Jet
13	A.Vigneshwar	“MACH 19” Rohini college of engineering	01-03-2019	Second prize for engine assembly
14	A.Sahaya Rajesh	“MACH 19” Rohini college of engineering	01-03-2019	First prize for short film
15	R.Ajith	“MACH 19” Rohini college of engineering	01-03-2019	First prize for CAD master
16	K.Akash	“MACH 19” Rohini college of engineering	01-03-2019	Second prize for Mr. Machinist
17	J.Abhishek	“Pemetrix 19” University V.O.C College of Engineering	02-03-2019	Second Prize in CAD Modelling
18	K.Surya A.Muthumani	“Pemetrix 19” University V.O.C College of Engineering	02-03-2019	Second prize in Paper Presentation
19	J.Abhishek	“Pemetrix 19” University V.O.C College of Engineering	02-03-2019	Second prize in Water Rocketry
20	M.G.Anjaneya M.BalaWilliams	“AGNEYA 19” IN Mar Ephraem college of engineering and technology	18-03-2019	First prize for paper presentation
21	Dinesh CL Aravind M.S	“AGNEYA 19” IN Mar Ephraem college of engineering and technology	18-03-2019	First prize for paper presentation

STUDENT PARTICIPATION:

S No	Name	Title/Paper Title
1.	Ahilash	Participated in National Level Conference on Recent Trends and Developments
2.	S Serma Selvi	Participated in National Level Conference on Recent Trends and Developments
3.	A Thegesh	Participated in National Level Conference on Recent Trends and Developments
4.	Bala Williams M	National conference on Recent Advancements in Mechanical Engineering / Production of Bio Oil from Coconut leaf stalk by Pyrolysis
5.	H.R.Malathi	National conference on Recent Advancements in Mechanical Engineering/Production of Bio Oil from Coconut leaf stalk by Pyrolysis
6.	M.S.Aravind	National conference on Recent Advancements in Mechanical Engineering / Synthesis and Analysis of Bio oil from tamarind shell by pyrolysis
7.	C.L.Dinesh	National conference on Recent Advancements in Mechanical Engineering / Synthesis and Analysis of Bio oil from tamarind shell by pyrolysis
8.	M.G.Anjaneya	National conference on Recent Advancements in Mechanical Engineering / Synthesis and Analysis of Bio oil from tamarind shell by pyrolysis
9.	M.Hari Haran	National conference on Recent Advancements in Mechanical Engineering/ Synthesis and Analysis of Bio oil from tamarind shell by pyrolysis
10	M.Abdul Basith	National conference on Recent Advancements in Mechanical Engineering / Production of Bio Oil by Coconut leaf stalk by Pyrolysis
11.	Albin P Alex	National conference on Recent Advancements in Mechanical Engineering/ Production of Bio Oil by Coconut leaf stalk by Pyrolysis
12.	G.Ansal	National conference on Recent Advancements in Mechanical Engineering / Morphological study of glass fiber with nylon fiber epoxy composite
13.	K.Ravoof Raheem	National conference on Recent Advancements in Mechanical Engineering / Morphological study of glass fiber with nylon fiber epoxy composite
14.	S.Mahesh	National conference on Recent Advancements in Mechanical Engineering / Morphological study of glass fiber with nylon fiber epoxy composite
15.	J.John Jebin	National conference on Recent Advancements in Mechanical Engineering / Morphological study of glass fiber with nylon fiber epoxy composite
16.	Siva Prakash	National conference on Recent Advancements in Mechanical Engineering / Morphological study of glass fiber with nylon fiber epoxy composite

JOURNAL PAPERS BY STUDENTS

S No	Name	Title/Paper Title
1.	M.S.Aravind	Synthesis and Scrutiny of Bio oil from tamarind shell
2.	C.L.Dinesh	
3.	M.G.Anjaneya	
4.	M.Hari Haran	
5.	M.Abdul Basith	Synthesis and Analysis of Bio Oil from Coconut Shell by Pyrolysis
6.	Albin P Alex	
7.	Bala Williams M	
8.	H.R.Malathi	

STUDENT ACADEMIC TOPPERS:

DINESH C L
THIRD VI
CGPA : 7.793



JOHN JERLIN J
SECOND IV
CGPA : 8.314



SANTHIYA S K
SECOND IV
CGPA : 8.030

FACULTY ACTIVITIES :

Sl no	Name of the faculty	Programme	Organised by	No of days & Attended date	Type	Level
1	Dr. R. Suresh Premil Kumar	“STEPS TO RESEARCH”	Rohini College Of Engineering	2days & 08/4/2019 to 09/4/2019	FDP	National
2	Mr. J.Stalin Deva Prince	“STEPS TO RESEARCH”	Rohini College Of Engineering	2days & 08/4/2019 to 09/4/2019	FDP	National
3	Mr. P.Vijayan	“STEPS TO RESEARCH”	Rohini College Of Engineering	2days & 08/4/2019 to 09/4/2019	FDP	National
4	Mr.F.X.Aruno Xavier	“STEPS TO RESEARCH”	Rohini College Of Engineering	2days & 08/4/2019 to 09/4/2019	FDP	National

FACULTY ACHIEVEMENTS:

Dr.M.SIVA PRAKASH “Support vector machine for modeling and simulation of heat exchangers”.Thermal Science, ISBN / ISSN Number 3549836 Impact Factor 1.574

Dr.M.SIVA PRAKASH “Investigation of temperature variation by modifying the structure of passenger car using CFD”. Thermal Science, ISBN/ISSN Number 3549836 Impact Factor 1.574

Mr.MICHAEL RAJ. F “A Novel Safety Alert System for Small Scale Fishing Crafts”, vol. 33, No. 2, pp. 468-485”. Gedrag&Organisatie,ISBN/ISSN Number 0921-5077 Impact Factor 0.12

Mr.MICHAEL RAJ. F, “Artificial Neural Network Analysis of Custom Power Devices for Mitigates the Problem of Power Failures”, vol. 33, No. 2, pp. 318-330. Gedrag & Organisatie, 0921-5077 Impact Factor 0.12

Mr.MICHAEL RAJ.F “Manufacturing and Characterization of Glass Fiber-Fishnet-Woven Roving and Polyester Composites for Marine Applications”, Vol. 28, No. 1, pp. 10-17. Journal of Marine Science and Technology ISBN/ISSN Number 10232796 Impact Factor 0.72

FACULTY AWARDED Ph.D

Dr. F.MICHAEL RAJ
Professor
Anna university, Chennai
2018

**AWARDS BY COLLEGE :**

BEST TEACHER : **Mr.J.STARLIN DEVA PRINCE** (86%in IE6605-Production Planning and Control)
BEST RESEARCHER : **Mr.M.SIVAPRAKASH**
BEST OUTGOING STUDENT : **DINESH C L**

EDITORS : MR. S.AJITH KUMAR AP/Mech

STUDENT COORDINATORS

Abdul Basith, B.S. Abiram, R. AshickJeron, M. Thibish, S.K. Santhiya