

Sri Venkateswara College of Engineering
Department of Marine Engineering
Research Activity Report (June 2015- Jan 2016)

1) Research activities of the faculty members:

Number of faculty in the Department : 11
 Number of faculty with Ph D qualification : NIL
 Number of faculty pursuing Ph D : 04

A). Papers published by the faculty members in National and International Journals:

S. No.	Name of Faculty	Title of the paper	Name of the Journal	Date
1.	V. Gurusamy	Studies on mechanical properties, fracture morphology and corrosion behavior of pulsed MIG welded AZ31B Magnesium alloy sheets	International Journal of Applied Mechanics and Materials	06/08/2015

B). Papers presented by the faculty members in National and International conferences/ symposiums/ workshops: **NIL**

Sl. No.	Name of Faculty	Title of the paper	Name of the Conference/ symposium/ workshop	National/ International	Date

C). National and International Conferences/ symposiums/ workshops attended by the Faculty members:

Date	Name of the faculty	Name of the Conference/ symposium/ workshop	Place	National/ International	Date
1.	Mr.V.Gurusamy	Three days course on welding tech, metallurgy and quality Asst.	Hotel Radha, Chennai	National	04 th to 06 th June 2015
2.	Mr.M.Anandan,	Interactive Panel Discussion on Leveraging Intellectual Property for Growth and Competitiveness	Hotel Vivanta by Taj, Chennai.	National	27 th June 2015
3.	Mr.M.Anandan,	“Elsevier Connect Seminar”	Courtyard Marriott Hotel, Chennai	National	4 th Nov 2015

4.	Prof.S.Krishnan	Expert Mission Training Course on Human Element for Port State Control (MLC 2006) invited by DG Shipping, Govt. of India.	The Savera Hotel, Chennai.	National	30 th Nov. to 4 th Dec. 2015
5.	Mr.G.Rameshkannan	FDP on Research Methodology	Rajalakshimi Institute of Technology, Chennai	National	18 th & 19 th Dec 2015
6.	Mr.N.Satheeskumar	FDP on Engineering Mechanics	Rajalakshimi Engg. College, Chennai	National	4 th to 11 th Jan. 2016

2) Departmental research activities:

A). Symposium, Conferences, Workshop and Guest lectures Conducted:

S. No.	Name of the Event	Place	Period	Funding Agency	National / International	Convener and Faculty In charge
1	Guest Lecture	SVCE	16/07/2015	SVCE	National	G. Ramesh Kannan

B) Ongoing funded projects in the in the Department: **NIL**

S. No.	Name of the Project	Funding Agency	Period & Amount Sanctioned	Coordinators	Status of the project

C). Projects submitted to Funding Agencies by the Department: **NIL**

S. No.	Name of the Project	Funding Agency	Period & Amount applied	Coordinators

D). Research centre status of the department: **NA**

3) Student Research Activities:

1) A). List of projects carried out by the students in the department as in house and Industrial project:

S. No.	Name of Students	Title of the Project	Inherent project maker	In house	Industry
1	Antonyraj A, Balaarasan K, Naveen N, Sivarajan S	Effect of compression ratio on the performance and emission characteristics of DI Diesel engine	M.Anandan	In house	
2	Aravindhraj T, Vinayakam BK, Gajendiran R, Vignesh T	Two stroke Marine Diesel Engine valve timings	R.Somasundaram	In house	
3	Arulraj R, Clement John MC Foster, Moorthy G	Computer simulation of IC engine processes	M.Anandan	In house	
4	Balaji B, Dharmaraj S, Venkatesh V	Optimization of pulsed MIG welding parameters using ANN	V.Gurusamy	In house	
5	Gowtham R, Kiruban Kennaday VS, Parivalavan P, Gopalakrishnan K, Iraiah Babu V	Remote controlled reversing of Marine Diesel engine	Prof. S. Krishnan	In house	
6	Hariharan M, Kumaravel M, Navaneetharajan M, Syed Md Zavid A	Marine Diesel engine parameter measurements	Prof. K.V.Sivanarayana / G.Ramesh kannan	In house	
7	Logesh K, Logesh Kannan K, Manikandan M	Stern tube lubrication	R.Somasundaram	In house	
8	Lokesh K, Rajkumar SM, Vigneshwaran T, Karthik Kumaran S	Mathematical modelling of cold metal transfer welding parameters	V.Gurusamy	In house	

B). Research Publications by students in National and International Journal: **NIL**

S. No.	Name of Student	Title of the paper	Journal Name	Date

C). Research Presentations by students in National and International Conferences/ symposiums/ workshops: **NIL**

S. No.	Name of Student	Title of the paper	Name of the Conference/ symposium/ workshop	National/ International	Venue	Date

D) National and International Conferences/ symposiums/ workshops attended by the students:

S. No.	Name of Student	Name of the Conferences/ symposiums/ workshops	National/ International	Venue	Date
1.					
2.					
3.					
4.					
5.					

4) Sponsorship details of faculty and students:

I) Sponsorship for faculty members:

A) Faculty sponsored for presentation in National Conferences/ symposiums/ workshops: **NIL**

S. No	Name of the Faculty	Date	Title of the Paper	Name of the Conferences/ symposiums/ workshops	Venue	Sponsorship Amount(Rs.)

B) Faculty sponsored for presentation in International Conferences/ symposiums/ workshops: **NIL**

S.No	Name of the Faculty	Date	Title of the Paper	Name of the Conferences/ symposiums/ workshops	Venue	Sponsorship Amount(Rs.)

C) Faculty sponsored for attending national Conferences/ symposiums/ workshops: **NIL**

S. No	Name of the Faculty	Date	Name of the Conference/ symposium/ workshop	Venue	Sponsorship Amount (Rs.)

II) Sponsorship for Students:

A) Students sponsored for presentation in National Conferences/ symposiums/ workshops:

S.No	Name of the Student	Date	Title of the paper	Name of the Conference/ symposium/ workshop	Venue	Sponsorship Amount(Rs.)
1.						
2.						

B). Students sponsored for presentation in International Conferences/ symposiums/ workshops: **NIL**

S.No	Name of the Student	Date	Title of the paper	Name of the Conference/ symposium/ workshop	Venue	Sponsorship Amount(Rs.)

C). Students sponsored for attending national Conferences/ symposiums/ workshops: **NIL**

S.No	Name of the Student	Date	Name of the Conference/ symposium/ workshop	Venue	Sponsorship Amount(Rs.)

5) Research cell(s) /area(s) of research in the department:

Welding Research Cell

Carried out two UG project works

6) Consultancy work in the department: **NIL**

7) Patent information: **NIL**

m. mandam
R.O. Coordinator, 1/3/2016

S. K.
HoD/MR 01/3/16.

1/2/16