



## **SCHOOL OF MECHANICAL AND CONSTRUCTION DEPARTMENT OF MECHANICAL ENGINEERING**

### **ABOUT THE DEPARTMENT**



The Department started in the year 2001, nurtures graduates who can meet the rapidly changing needs of the mechanical core Industry which requires skillful Mechanical Engineers. B.Tech-Mechanical Engineering Program is the first in South India among the Deemed to be University to get accredited by NBA Accreditation under Tier -1 Category. The department has got a team of highly qualified faculty members, many holding doctoral and post-doctoral degrees from the leading institutes across the globe, to train the best minds. Every year more than 60-70% of final year students are provided with internship in reputed industries across the country and students are deputed to International Universities to do their semester abroad programs. This Program is designed to prepare the students for successful careers in a variety of specialty areas associated with the application of applied mechanics; design and manufacturing; vibrations and controls;

## EDITORIAL

CHIEF PATRON : Col. Prof. Vel. Dr. R. Rangarajan,  
Chancellor & Founder President

PATRON : Dr.VSSKumar,ViceChancellor

EDITOR : Dr. N. Lenin,  
Dr. P. Anand,  
Mr. D. Surrya Prakash.

EDITORIAL COMMITTEE : Dr. Arun Prasad. M, Asst., Prof,  
M.V.K.Rajesh,2nd year  
P.Vamsi, 2nd year

## CONTENTS

- student abroad internships
- Ph.D., Ph.D. admitted scholar
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## STUDENT ABROAD INTERNSHIPS

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology offers opportunities for “Semester Abroad Programme” to students from the Institution to the Foreign Universities both for coursework and for the internship. Students have an option of selecting courses of their preference. This enables to learn from experts in the International University.



Mr. Alla Bharat Chandra (B.Tech. – Mechanical Engineering / 2018) was awarded ERASMUS MUNDUS SCHOLARSHIPS by European Union to pursue his Master of Engineering (Mechanical Engg. spec. Advanced Design of Ship and Offshore Structures) in 3 Universities from 3 countries. He was an Exchange student to Taiwan during his Final Year under TEEP funding.

## Ph.D. admitted scholars

**Scholars admitted on 25-05-2018 for Ph.D. admission.**

RESEARCH SCHOLAR	SUPERVISOR
Someshwar Vishwanath Kore	Dr.M.Arulprakasajothi
Santosh Bhausahab Sangle	Dr.Sachin Salunkhe
Sathesh Kumar.A	Dr.S.Ganesan
Chincholi Vishal Rudrappa	Dr.S.Ganesan
Murali.E	Dr.P.Sivamurugan
M.Karthick	Dr.P.Anand
Belgin Paul D.L	Dr.Praveen.A.S
Bharani Chandar.J	Dr.N.Lenin
Vinoth Kanna.I	Dr.M.Arulprakasajothi
Ebinezaru Babu Gollamudi	Dr.J.M.Babu

## FACULTY PUBLICATIONS

The Faculty Members published around 66 papers in reputed journals which are indexed in Scopus. The few papers have been represented below:

<b><i>PUBLICATIONS</i></b>	<b><i>NAMES</i></b>
Computational analysis of single pass plate heat exchanger with varying parameters. International Journal of Mechanical and Production Engineering Research and Development 2018.	Sankarganesh .P
Life cycle assessment of rubber bellow using sustainable value stream mapping to assess environmental impact. International Journal of Mechanical and Production Engineering Research and Development 2018.	Balaji .V
Modeling and analysis of screw using finite element analysis . International Journal of Mechanical and Production Engineering Research and Development 2018.	Sathyaseelan .P
A review on latest development of aluminium alloy metal matrix composite through powder metallurgy route . International Journal of Mechanical and Production Engineering Research and Development 2018.	Surrya Prakash .D
Design and analysis of decoupling element for after treatment systems in a heavy commercial vehicle .	Velu R.

## **FACULTY AWARDS**

- Balaji, Assistant Professor received young scientist from Abdul Kalam international foundation 2018. Also he received a certificate of Appreciation, GEM & Jewellery India International Exhibition, 2018. Mr. Balaji awarded with Junior Scientist of the year from International Foundation for environment and ecology.



- T. Balaji, Assistant Professor. Received International Travel support for project competition (ITS) from IEEE, Bangladesh in the year 2018.
- The faculty Dr. S. Balaguru, Professor has received Best Paper award in the conference conducted by IIT Patna during 2018,

## **MESA ACTIVITIES**

### **"PRODUCT DEVELOPMENT AND MARKETING"** **WORKSHOP**



MESA organized a One Day Awareness Workshop on "PRODUCT DEVELOPMENT AND MARKETING" on 29th September 2018

## **OBJECTIVES**

To develop and enhance the participants on the platform of Product development and marketing. This certification programme has been customized based on the industrial requirements to make the participants role ready for product development functions. The participants will be trained by industry experienced faculties on Business Management Systems and Standards with Auditing process, Application of marketing Tools, Problem Solving Techniques, TPM and Basic Leadership skills.

Students P.Charish Kumar, 2ndyear ,Mech, M.V.K.Rajesh,2nd year, Mech, P.Vamsi, 2nd year,Mech,G.Kuladeep,2ndyear,Mech attended product The development and marketing “RF SYSTEMS FOR SATELITE”The Students Binod khal, Mech,“IMPROVING THE SUSTAINABILITY OF E-WASTE MANAGEMENT / PLASTICS WASTE MANAGEMENT” The students Y.ImanAhash,Mech.74 students from second,third. and final year attended this workshop and received the certificates.

