

# News Letter

Department of Mechanical Engineering

**Sri Vasavi Engineering College**

**Volume- 3 Issue- 1**

## *Editorial Board*

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Student co-ordinators :1. M. Abhilash  
2. N. Praneeth

## About the college

“Sri Vasavi Engineering College” was established in the year 2001 by Sri Vasavi Educational Society consisting of a group of educationists, industrialists, lawyers and philanthropists with a desire to share the responsibilities of the society for the development of quality Technical Education.

## About the Department

The Department of Mechanical Engineering was established in the year 2010 with an intake of 60 students and enhanced to 120 in 2012. The department strives hard to impart quality education and to keep the students on the competitive edge of the present-day technology.

Dear Readers, your valuable suggestions for a better quality of the newsletter, in terms of appearance, contents, no. of issues etc., are wholeheartedly invited. Kindly send your comments to

Hod\_mech@srivasaviengg.ac.in

Guest lectures /seminars/FDP's organized in the Department

S. No	DATE	DESCRIPTION OF THE EVENT
1.	19/8/2015	Seminar on “ <b>Road Safety and Importance of Helmet</b> ” by Mr. R. Rajendra Prasad, Motor Vehicle Inspector
2.	18/09/2015	Guest lecture on “ <b>Simulation and its Importance</b> ” by Ms. Monica Nimmi

FDP's attended by the Faculty

S. No	Name of the faculty	Name of the workshop	Date
1.	Mr. K. Kiran Kumar	FDP on “Engineering Mechanics”	25/05/2015 to 27/05/2015
	Mr. B.N.V. Srinivas		
2.	Mrs. N. Tulasi Radha	National seminar on “Smart materials and structures”	28/08/2015& 29/08/2015
	Mrs. K. Dorathi		
3.	Mr. G. Surya Narayana	FDP on “Engineering Drawing”	02/09/2015 to 05/09/2015
	Mr. G. Gopinadh		

Publications in the National and International Journals

S. No	Name of the faculty	Publication details
1.	Dr.DVSSSV Prasad and P Sandeep Kumar	Optimization Of CNC Turning Of Al/SiC MMC using RSM And Genetic Algorithm IJMCA, Vol 3,Issue 3,PP 76-80,Aug 2015
2.	Dr.DVSSSV Prasad, V.Sarath Teja and KSBSVS Sastry	Numerical Study On Materials And Design Optimization Of A Bicycle Frame

Placements

S. No	Student Name	Regd. No.	Name of the Employer and their Website	Date of Interview/ Appointment Letter/ Job offer
1.	A. Harish Kumar	11A81A0303	ROTODYNE & www.rotodyneindustries.com	09/02/ 2015 & 04/06/2015
2.	M.B.R. Surekha	11A81A0331		
3.	M. Rakesh	11A81A0335		
4.	Yalamati Sushma	11A81A0359		
5.	Maki Reddy Mahesh	12A81A0304		
6.	T.Chalapathi	12A81A0307		

## Terms related to Mechanical Engineering

1. **Spring:**

It is one type of device which is being distorted under certain amount of load & also can also go to its original face after the removal of that load.

2. **Stiffness:**

Load per unit deflection. The amount of load required to resist the deflection.

3. **Specific Weight:**

Weight per unit volume of the fluid.

4. **Specific Volume:**

Volume per unit mass of the fluid.

5. **Specific Gravity:**

It is the ratio of specific weight of required substance to specific weight of pure water at 4 degree centigrade temperature.

6. **Specific heat:**

The amount of heat required to increase 1 unit temperature of 1 unit mass.