

News Letter

Department of Mechanical Engineering

Sri Vasavi Engineering College

Volume- 3 Issue- 3

Editorial Board

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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	Name of the faculty	Name of the workshop	Date
1.	Mrs. N. Tulasi Radha	Workshop on “ANSYS work bench”	14/12/2015 to 18/12/2015
	Mrs. K. Dorathi		

Publications in the National and International Journals

S. No	Name of the faculty	Publication details
1.	Dr.DVSSSV Prasad and P Sandeep Kumar	Global Optimization Of CNC Turning Of Al/SiC MMC using RSM And Genetic Algorithm IJMCA, Vol 10,Issue 4,PP 215-219,Dec 12015

Placements

S. No	Student Name	Regd. No.	Name of the Employer and their Website	Date of Interview and Appointment Letter/Job offer
1	Pasupuleti Sri Harsha Giri	12A81A0395	Capgemini & www.capgemini.com	12-01-2016 & 19/04/2016

Terms related to Mechanical Engineering

1. **Torque or Turning Force:** It is the total amount of force which is required to create acceleration on moving substance.
2. **Couple:** Two forces those acts on equally, parallel & oppositely on two separate points of same material.
3. **Moment:** It is the amount of moving effect which is gained for action of turning force.
4. **Stress:** It is the force that can prevent equal & opposite force. That means, it is the preventing force. If one force acts on outside of a material, then a reactive force automatically acts to protest that force. The amount of reactive force per unit area is called stress. e.g. Tensile Stress, Compressive Stress, Thermal Stress
5. **Strain:** If a force acts on a substance, then in that case if the substance would deform. Then the amount of deformation per unit length of that substance is called strain.