

News Letter

Department of Mechanical Engineering

Sri Vasavi Engineering College

Volume- 4 Issue- 1

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	DATE	DESCRIPTION OF THE EVENT
1.	27/08/2016	Guest Lecture On "Recent Advances In Mechanical Engineering" By Dr. AVS Chary, Scientist (Retd), NSTL, Vizag.
2.	15/09/2016	Guest Lecture On "Nano Materials& their Applications" By Dr. S.S.Kalyan Kamal, Scientist-E, DMRL, Hyderabad.
3.	17/09/2016	Guest Lecture On "Learning Techniques" By Dr. P.Bangaru Babu , Professor of Mechanical Engineering, NIT,Warangal.
4.	26/09/2016	Guest Lecture On "NDT of Castings,Forgings &Weldements" By Dr. K.V.Sai Srinath, Professor of Mechanical Engineering, NIT,Warangal

FDP's attended by the Faculty

S. No	Name of the faculty	Name of the workshop	Date
1.	Mr. K.C.S. Vyasa Krishnaji	A one week GIAN course on "3D printing & additive manufacturing"	20/06/2016 to 24/06/2016
2.	Mr. K. S. B. S. V. S. Sastry	Workshop on "Research techniques for mechanical engg with hands on experience"	23/08/2016 to 27/08/2016
	Mrs. K. Dorathi		
3.	Mr. K.C.S. Vyasa Krishnaji	A two day workshop on "INTRODUCTION TO ROBOTICS" by IIT BOMBAY under eYANTRA LSI	16/09/2016 &17/09/2016

Publications in the National and International Journals

S. No	Name of the faculty	Publication details
1.	D.V.S.S.S.V. Prasad	Extraction and Testing of Bio-diesel from Groundnut Oil, TAME, Vol 6, Issue 2, PP 333-336, July 2016
2.	G. Anil Kumar and D.V.S.S.S.V. Prasad	Analysis of Test Rig For Functional Evaluation of Air Turbine TAME, Vol 6, Issue 2, PP 315-322, July 2016
3.	D.V.S.S.S.V. Prasad, K.S.B.S.V.S. Sastry and V. Sarath Teja	Optimization of Turning process parameters using Taguchi method ,TAME, Vol 6, Issue 2, PP 69-72, July 2016

4.	D.V.S.S.S.V. Prasad, N. Tulasi Radha and K. Dorathi	Fabrication of Pedal Powered Hacksaw cutting and Grinding unit, TAME, Vol 6, Issue 2, PP 16-18, July 2016
5.	D.V.S.S.S.V. Prasad and G. Anil Kumar	Enhancement of Efficiency of a Bicycle, TAME, Vol 6, Issue 2, PP 11-15, July 2016
6.	D.V.S.S.S.V. Prasad, K.S.B.S.V.S. Sastry, and G surya narayana	Fabrication of Elbow Power Transmission Mechanism for Machining, TAME, Vol 6, Issue 2, PP 16-18, July 2016

Placements

S. No	Student Name	Regd. No.	Name of the Employer and their Website	Date of Interview/ Appointment Letter/ Job offer
1.	B Sagar Hanuroop	12A81A0303	CADSYS & www.cadsystech.com	28-06-2016
2.	K Sairam	12A81A0324		
3.	M Venkata sai	12A81A0334		
4.	Punnam Bhavani Sai Sankar	12A81A0347		
5.	V V S Pavan Kumar	12A81A0359		
6.	B Sai Kishore	12A81A0365		
7.	E V Satayanarayana	12A81A0376		
8.	K Vara Prasad	12A81A0382		
9.	R Krishna Ganesh	12A81A0398		
10.	S Surya Vamsi	12A81A0399		
11.	V D S Vara Prasad	12A81A03A7		
12.	Y Srinivas	12A81A03A8		
13.	J Rama Satish	13A85A0311		
14.	K Naresh Babu	13A85A0320		
15.	E chaitanya	13A85A0325		

Terms related to Mechanical Engineering

Thermodynamics Law:

Zeroth Law:

If two body are in thermal equilibrium with a third body then these two body are also in thermal equilibrium with each other.

First Law of Thermodynamics:

In a closed system, work deliver to the surrounding is directly proportional to the heat taken from the surrounding. And also, In a closed system, work done on a system is directly proportional to the heat deliver to the surrounding.

Second Law of Thermodynamics:

It is impossible to make a system or an engine which can change 100 percent input energy to 100 percent output.

Entropy:

It is a thermodynamic property. $ds = dq/T$ where, ds = change of entropy, dq = change of heat, T = Temperature.

In adiabatic process, entropy cannot change. Actually, lacking or mal-adroitness of transferring energy of a system is entropy.