

News Letter

Department of Mechanical Engineering

Sri Vasavi Engineering College

Volume- 4 Issue- 4

Editorial Board

Chief Editor :Dr. D.V.S.S.S.V. Prasad
Editor :Ms. A. Jhansi
Faculty co-ordinator :Mr. T.V. Rakesh
Student co-ordinators :1. L. Praneeth
2. N. Tarun

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.	7/2/2017	Work shop on NDT by Dr. T. Srinivas, Prof of ME,VIT
2.	3-3-2017	Workshop On "Recent Advances In Materials And Processes" By Dr. Partha Ghosal, SOF DMRL, Hyderabad And Dr. Praveen, Technical Manager, Trio Visions Composites.
3.	7/3/2017	Anniversary celebration of FAME

Publications in the National and International Journals

S. No	Name of the faculty	Publication details
1.	G. Anil Kumar and S. Roopa Monica	Design and Mathematical Modeling of Smart Fluid Damper for Vibration Control IJERT, Vol 6,Issue 2,PP 212-216,Feb 2017
2.	N. Tulasi Radha, K. Dorathi	Fabrication of bicycle driven water pumping and power generation system IJAPME, Vol 3,Issue 1, 2017

Student participations

S.NO	MONTH & YEAR	EVENT DESCRIPTION	EVENT VENUE	STUDENT NAME
1.	FEB 2017	BATTLE OF BOLTS	SRKR BHIMAVARAM	G .MANOJ KUMAR
2.				R.M KRISHNARAJU
3.				V.T.L.N.V.S.S.S MEHAR
4.				G.NARENDRA PRASAD
5.	FEB 2017	CRICKET	IDEAL INSTITUTE OF TECHNOLOGY KAKINADA	P.DHANANANDH
6.				M.GANGADHAR
7.				SK.GAFOOR
8.				K.MAHESH
9.				G.H.VARDHAN
10.				B.N V S TEJA
11.				B.VINOD KUMAR
12.				K.SAI AKHIL

13.		BASKET BALL		G S C KISHORE
14.				P.DHANANANDH
15.		SHUTTLE BADMINTON		P.N.V SUNIL
16.		KHO-KHO	GIET RAJAHMUNDRY	N. NARESH
17.				G.N.S.L SOMARAJU
18.		KABADDI		K.SATISH KUMAR
19.				S.G SIVAPRASAD
20.				M.MAHESH
21.		BATTLE OF BOLTS		G .MANOJ KUMAR
22.				R.M KRISHNARAJU
23.			SRKR BHIMAVARAM	V.T.L.N.V.S.S.S MEHAR
24.		ROBO RACE		G.NARENDRA PRASAD
25.		TECH VILLA	SRKR BHIMAVARAM	G.S NANDAN
26.				K.SAI RAM
27.				K.SAI RAM
28.				G.S NANDAN
29.		ENGINE ASSEMBLY	SRKR BHIMAVARAM	NS MANIKANTA KUMAR
30.				K V SAI SRIKANTH
31.				CH D V CHARAN
32.				G.S NANDAN
33.				K.SAIRAM
34.		DESIGN WORKSHOP	JNTU KAKINADA	NS MANIKANTA KUMAR
35.				K R S DURGA RAO
36.				CH AVINASH
37.				G MANOJ KUMAR
38.		ROBO CHASE	SRKR BHIMAVARAM	G VINEETH KUMAR
39.				M H SAI CHARAN
40.		DEATH RACE	RVR&JC GUNTUR	G.NARENDRA PRASAD

Placements

S. No	Student Name	Regd. No.	Name of the Employer and their Website	Date of Interview and Appointment Letter/Job offer
1.	Kakileti Purna Chandu	13A81A0382	Cyient	10-03-2017
2.	Allu Bhanu Prasad	14A85A0308		
3.	Talluri Durga Dinesh	13A81A0353	CADSYS & www.cadsystech.com	22-03-2017
4.	Vegi Durga Kiran	13A81A0360		
5.	Adapa Murali Siva Prasad	13A81A0363		
6.	Annavarapu Gopalakrishna	13A81A0365		
7.	Komiripalepu Ravi Varma	13A81A0390		
8.	Vegi Durga Veerendra Chowdary	13A81A03B2		
9.	Ravada Sai Surya Chaitanya	13A85A0301		
10.	Maddala Chaitanya	13A85A0305		
11.	Sakuru Kiranmai	13A85A0319		
12.	M Ram Sai Manoj	13A81A0330	HCL TSS & www.hcltss.com	08-04-2017
13.	Duggirala Ramu	13A81A0310		
14.	Kandukuri Venkata Mohan	13A81A0386		
15.	Kiladi Bala Vardhan	13A81A0389		
16.	S Akhil	13A81A0351		

Terms related to Mechanical Engineering

Scavenging:

It is the process of removing burnt gas from combustion chamber of engine cylinder.

Supercharging:

Actually, power output of engine depends on what amount of air enter into the engine through intake manifold. Amount of entry if increased, then must be engine speed will increase. Amount of air will be increased by increasing inlet air density. The process of increasing inlet air density is supercharging. The device which is used for supercharging is called supercharger. Super charger is driven by a belt from engine crankshaft. It is installed in intake system.

Turbo charging:

Turbo charging is similar to the supercharging. But in that case turbocharger is installed in exhaust system whereas supercharger is installed in intake system. Turbocharger is driven by force of exhaust gas. Generally, turbocharger is used for 2-stroke engine by utilizing exhaust energy of the engine; it recovers energy otherwise which would go waste.

Governor:

Its function id to regulate mean speed of engine when there are variation in the load. If load increases on the engine, then engine's speed must decrease. In that case supply of working fluid has to increase. In the other way, if load decrease on the engine, then engine' speed must increase. In that case supplies of working fluid have to decrease. Governor automatically, controls the supply of working fluid to the engine with varying load condition.