

# News Letter

Department of Mechanical Engineering

**Sri Vasavi Engineering College**

**Volume- 5 Issue- 1**

## *Editorial Board*

Chief Editor :Dr. M.V. Ramesh  
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Student co-ordinators :1. N. Tarun  
2. K.P.V. Hari Hara Kumar

## 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

## Placements

S. No	Student Name	Regd. No.	Name of the Employer and their Website	Date of Interview and Appointment Letter/Job offer
1.	Alluri Sairam	13A81A0302	<p style="text-align: center;">TEXMO &amp; www.texmoindustries.com</p>	12-05-2017
2.	Arava Kartheek	13A81A0303		
3.	DSNS Eswarakhil	13A81A0314		
4.	Sai Suresh Krishna	13A81A0316		
5.	Kadari Gopi Sainath	13A81A0318		
6.	Kasireddy Sai Akhil	13A81A0325		
7.	Kurru Veera Manikanta	13A81A0328		
8.	Mahadeva Krishna Vamsi	13A81A0329		
9.	Maripi Hari Chandra Prasad	13A81A0337		
10.	Parimi Venkata Sri Harsha	13A81A0342		
11.	Putta Bhanu Sai Prakash	13A81A0348		
12.	Tamma Siva Sai	13A81A0354		
13.	Pulavarthi Krishna Teja	13A81A0346		
14.	Kavitapu Soma Siva Teja	13A81A0326		
15.	Vanga Soma Siva Teja	13A81A0359		
16.	Naga Venkata Sai Pranith	13A81A0371		
17.	Chinthada Venkanna	13A81A0308		
18.	Eri Ravindra	13A81A0311		29-05-2017
19.	Prabhala Mallikarjuna Rao	13A81A0344		
20.	Mangena Durga Venkata Ram Prasad	13A81A0335		
21.	Bonthu Nagavenkata Suryateja	13A81A0370		
22.	Maragani Jagadeesh	13A81A0396		
23.	Pasumarthi Harish	13A81A03A3		
24.	Velpula Gopi Reddy	13A81A03B4		
25.	Sangeeta Venkateswararao	14A85A0307		
26.	Ganji Ravi Kumar	14A85A0315		

## Terms related to Mechanical Engineering

### **Flywheel:**

It is the one of the main parts of the I.C. engine. Its main function is to store energy in the time of working stroke or expansion stroke. And, it releases energy to the crankshaft in the time of suction stroke, compression stroke & exhaust stroke. Because, engine has only one power producing stroke.

### **Rating of fuel:**

#### **S.I. Engine:**

Octane number. Octane number indicates ability of fuel to resist knock.

#### **C.I. Engine:**

Cetane Number. Cetane number indicates ability of ignition of diesel fuel. That means, how much fast ignites diesel fuel.

### **Stoichiometric ratio:**

It is the chemically correct air-fuel ratio by volume. By which theoretically sufficient oxygen will be gotten to burn all combustible elements in fuel completely.

### **Heat Transfer:**

It is a science which deals with energy transfer between material bodies as a result of temperature difference. There are three way to heat transfer such as-Conduction Convection Radiation