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# SIDDARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY: PUTTUR



## DEPARTMENT OF MECHANICAL ENGINEERING

# M-EOLAS

### ABOUT DEPARTMENT :

The Department of Mechanical Engineering in Siddhartha Institute of Science and Technology (SISTK) was established in 2012-2013 with an intake of 60. In a year 2013-2014 Intake has been increased to 120 students.

In a year 2014-2015 Intake has been increased to 180 students. The department is continuously Striving to achieve excellence in education, academic and Industry oriented research, with perfect blend of Intellectual. and practical experiences. 2013-2014 Intake has been increased to 120 students. The department is continuously Striving to achieve excellence in education, academic and Industry oriented research, with perfect blend of Intellectual and practical experiences.

### VISION :

Mechanical Engineering is one of the largest, broadest and oldest engineering disciplines. It finds its application in every branch of industry, including aerospace, manufacturing, automotive, building systems, energy, chemical and high-technology sectors. strives to be recognized globally for outstanding education and research leading to well-qualified engineers, who are innovative. entrepreneurial and successful in advanced fields of engineering and research” .

### MISSION :

To prepare effective and responsible graduate and engineers for global requirements by providing quality education. Motivating students to excel by augmenting their knowledge to continuing education program. Conduct basic and applied research and to generate intellectual property and provide well Laboratory Facilities and Conducted Seminars with Industrial Experts for Students. To develop linkages with world class R&D organizations and educational institutions. In India and abroad for excellence in teaching, research and consultancy.

### HOD MESSAGE :

A very warm welcome to the website of the Department of Mechanical Engineering, happens to be the back bone of any industry with amazing versatility. The department of Mechanical Engineering strives to train students in mechanical engineering science as well as application of these scientific methods to conceive, organize and carry out scientific design of engineering system.

The department of Mechanical Engineering has started from the session 2012-13. The department has well-equipped labs to impart sound practical knowledge of the subject. This department has dedicated and competent faculty members to impart quality education, project guidance, personality development to enable them to be placed with a reputed organizations.



**D.SUDHAKARA**  
**HOD**  
Mechanical  
Department

*Faculty achievements & Activities*

“The world is a book and those who do not travel read only one page.”

— Augustine of Hippo

“You only live once, but if you do it right, once is enough.”

— Mae West

**FACULTY ACHIEVEMENTS & ACTIVITIES:**

**Faculty Publications :**

1. D.Sudhakara, G.Prasanthi, “Parametric optimization of Wire Electrical Discharge Machining of Powder Metallurgical Cold Worked Tool Steel using Taguchi Method”, Journal of The Institution of Engineers (India): Series C. (Springer), DOI: 10.1007/s40032-016-0334-x (2016).
2. G. Prasanthi, D.Sudhakara, “Optimization of Gap Current in Wire Cut EDM of P/M Cold Worked Tool Steel by Taguchi Method”, IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE), e-ISSN: 2278-1684, p-ISSN: 2320-334X, Volume 13, and Issue 5 Ver. I (Sep. - Oct. 2016), PP 54-60.

**Industrial Visits :**

1. Industrial visit on 17/09/2016 to DMC Automotive Pvt. Ltd. is located at Thiruvallur. It is a Multi National Company. They are manufacturer of Engine gaskets and supply to Hyundai Motor India



2. Industrial visit on 20/08/2016 to RTPP Muddanur located at Kadapa.



## TOPPERS:

### III Year

S.No	Roll No	Name	Percentage	Rank
1	134E1A0307	N.BHANUPRASAD	83.0%	1
2	134E1A0345	B. SANKAR REDDY	74.8%	2
3	134E1A0332	T.NITHIN KUMAR	74.6%	3
4	134E1A0311	V.CHINNA	74.6%	3
5	134E1A0371	S.YUVARAJ	74.6%	3

### II Year

S.No	Roll No	Name	Percentage	Rank
1	144E1A0320	SAIRAJ.A	79.86%	1
2	144E1A0321	SANDEEP.A	76.6%	2
3	154E5A0301	C.M.CHIRANJEEVI	70.93%	3

### I Year

S.No	Roll No	Name	Percentage	Rank
1	154E1A0325	K.NAVEEN KUMAR	81%	1
2	154E1A0335	M.RAMSANKAR	78.25%	2
3	154E1A0342	J.SAIVENKAT	75.5%	3

## ENGINEERS DAY CELEBRATIONS



“Education is the ability to listen to almost anything without losing your temper or your self-confidence.”

— Robert Frost

“Live as if you were to die tomorrow. Learn as if you were to live forever.”

— Mahatma Gandhi

“The task of the modern educator is not to cut down jungles, but to irrigate deserts.”

— C.S. Lewis

“Intelligence plus character-that is the goal of true education.”

— Martin Luther King Jr.

### STUDENT ACTIVITIES :

1. E. Bhuvaneswar Naik, P.Sikinder and Vamsi Murali were Participated in District Level Quiz Competition and **won the “1st Prize”** conducted through NSS at GIST, Nellore on 12th Jan 2016.
2. P.Sikindhar-134E1A0347 was presented a paper on “**Carbon fiber**” in “**Mechonance-2k16**” helded at MITS madanapalli on 2 April 2016.
3. E. Bhuvaneswar Naik-134E1A0310 was presented a paper on “**Nano generations**” in “**MEKARENA2K16**” heled at “VBIT, Proddatur on 26 March 2016.
4. E. Bhuvaneswar Naik-134E1A0310 was presented a paper on “**Hy-Wire Car**” in “**Mechonance-2k16**” helded at MITS madanapalli on 2 April 2016.
5. L. Lava Kumar-134E1A0328,M. Rohan-134E1A0340 were presented a paper on “**Magnetic Refrigeration**” in SV university on 4th & 5th March 2016.
6. B. Lakshmipath-134E1A0326, G.K Kiran Kumar– 134E1A0320 were presented a paper on “**Google Self Drive Cars**” in SV university on 4th & 5th March 2016.
7. P.Sikindhar-134E1A0347 was participated in **NSS** helded at GIST Nellore on 19 January 2016.
8. P.Sikindhar-134E1A0347 was participated in **NTR Trust** helded at SIST .
9. T. Vara Prasad Reddy-134E1A0360 was presented a paper on “**Solar road ways**” in “**MEKARENA2K16**” heled at “VBIT, Proddatur on 26 March 2016.
10. B. Sankar Reddy-134E1A0345 was presented paper on “**Sky bus**” in “**Mechonance-2k16**” helded at MITS madanapalli on 2 April 2016.
11. S. Siva Kumar-134E1A0349 was participated in **NSS** helded at GIST Nellore on 19 January 2016.
12. S. Siva Kumar-134E1A0349 was participated in “**Voters Day**” Seminar.
13. M. Vamsimurali– 134E1A0359 was participated in “**NSS and Blood Donation**”.
14. B. Sivalingam– 134E1A0350 was participated in a “**CNC Work Shop**” helded at SVU, Tirupathi.

### FACULTY NSS ACTIVITIES :

**Chief Editor : Mr. D.SUDHAKARA**

*M. Tech (PhD)*

*HOD & Associate Professor*

**Editor : Mr. N.SREEDHAR**

*M. Tech*

*Assistant Professor*

**Sub-Editor : Mr. T. Nithin Kumar Reddy– IV B. Tech**

**Mr. G.Praveen– III B. Tech**