



**ZENITH- 2018-19**

**VOLUME 01**

**DEPARTMENT OF MECHANICAL  
ENGINEERING**



**MARRI LAXMAN REDDY**  
**INSTITUTE OF TECHNOLOGY & MANAGEMENT**





# CHAIRMAN'S MESSAGE

**Sri Marri Laxman Reddy, the founder Chairman of Marri Educational Group of Institutions has been in the field of education from the last 22 years with the aim of spreading quality education among children at the school & college level. Marri Laxman Reddy Institute of Technology & Management is the culmination of his dreams and was established during year 2009 by Marri Educational Society.**



# SECRETARY'S MESSAGE

**Mr. M. Rajasekhar Reddy, a person with remarkable abilities and great acumen and a dynamic leader. He is known to be the dynamic mentor of MLR Institute of Technology who is always on the sprit to take the institute to newer levels in every aspect of an 'Ideal Institution' and strives hard to make every dream a reality. Inspired by his father, Mr. M. Laxman Reddy has a credit of establishing Institute of Aeronautical Engineering adding a new flavour to St. Martin's group of Institutions and Vidyanjali Grammer School..**







# PRINCIPAL'S MESSAGE



Dr. K Venkateswara Reddy, M. Tech., Ph.D., MISTE, the Principal, Marri Laxman Reddy Institute of Technology & Management, is young & dynamic Professor of CSE. Engineering College and he has achieved an immense exposure in Academic, Research and Administrative spheres at reputed Engineering Colleges.

He contributed immensely for the growth of institutes by enforcing the disciplinary actions in the lifestyle of under graduate engineering students. He has introduced Institute - Industry, Interaction and Research & Development cells in the institute.





# HOD'S MESSAGE

The faculty in the department is highly skilled and committed. The department works to educate and teach students in the newest technology. In order to fulfil the demands of advancing technology, the department's goal is to educate students for successful careers in industry, research, and academia. Our goals are to help students become more adept at combining information and technological ideas for use in product design. Students get the chance to work on diverse projects as a team member or as the project leader thanks to the department. It gives students a solid foundation in the mathematical, scientific, and engineering principles required to create, solve, and evaluate engineering issues and to get them ready for further study and research. In addition to educating students about professional ethics and norms, we encourage them to pursue lifelong learning.

Memberships in professional organizations like SAEINDIA and the Institution of Engineers are linked with the Department of Mechanical Engineering for the benefit of the student's overall growth (India). student can learn more and engage with industry engineers as well as students and faculty from other schools and institutions through the many activities of these professional groups and chapters. The division promotes student participation in various competitions





# **SPEED-A STUDENT EVENT**

**23<sup>rd</sup> AND 24<sup>th</sup> OCTOBER 2018**

**MR. AZEEZ MOHINDEEN, VICE  
PRESIDENT- SPEED**







# **STUDENT PLATFORM FOR ENGINEERING EDUCATION DEVELOPMENT)**

## **ABOUT SPEED**

SPEED was founded by student participants of the 1st Global Student Forum (GSF) in October 2006 during the 5th Global Colloquium on Engineering Education (GCEE), organised by the American Society for Engineering Education (ASEE), in Rio de Janeiro, Brazil. SPEED hopes to expand the Global Student Forum initiative significantly in the coming years through global cooperation and feedback from students and through other activities to further enrich engineering education curricula worldwide.

Student Platform for Engineering Education (SPEED) is a global, non-profit student organization that functions as an interdisciplinary network of engineering students, who aspire to provide opinion and create an impact on future development of engineering education and its effect on society and environment. SPEED has collaborated with IUCEE in 2013 and has conducted many workshops for the development of student competencies. It also inspires the actions and development of globally minded, engineering student leaders intended on helping engineering education evolve.

SPEED gets engineering students from various regions together and helps them work towards addressing and tackling the problems in the education system. It looks at inspiring young minds to take up engineering not only as a career but also as a passion. SPEED believes in smart-engineering; it brings together enthusiastic minds which work collectively towards addressing global problems, bringing out innovative and out-of-the-box solutions, being practical and feasible at the same time.



# A SEMINAR ON “PERSONALITY DEVELOPMENT”

**Mr. S Srinivas,  
Manager, Dr Reddy's Foundation**

A highly competent, capable and resourceful manager with well rounded experience in achieving set goals, Team Management, procedure development, management and marketing. Self-motivated, enthusiastic and with a can-do positive attitude focuses on customer satisfaction throughout all stages of the sales cycle. Has an excellent problem solving skills and very effective in assessing human behaviour.



**Professional Experience: Key Account Manager -----**

**----- SWAAS**

**Wellness PVT Ltd ( Dr Reddy' s pvt. ltd)**



# STUDENT AND INDUSTRY INTERACTION

## “A seminar on Personality Development”







# **INDUSTRIAL VISIT TO KOTHAGUDEM THERMAL POWER STATION**

**Industry visit On: 29-October-2018**

**Faculty Accompanied:**

- **Mr. A. Nishanth Kumar**
- **Mr. Alex Joseph**
- **Ms. V. Lavanya**
- **No of students visited the plant:53**





**Industrial Tour By IV Year Students- Visited Kothagudem Thermal Power Station**





# PLACEMENTS-CRT 2018

147Y1A0304	KONDAREDDY ARAVIND REDDY	MECH	CYIENT	2.75LPA
147Y1A0342	UPPOJI ADARSH	MECH	CYIENT	2.75LPA
147Y1A0306	AMBATI BALA TRIPURA SUNDARI	MECH	QH TALBROS Pvt. Ltd	1.80LPA
147Y1A0365	R.MANOJ KAMALAKAR	MECH	QH TALBROS Pvt. Ltd	1.80LPA
147Y1A0305	KUMAWAT ASHOK KUMAR	MECH	Triangle Incorporations	7.20LPA
157Y5A0308	G.VENKATA SAINATH REDDY	MECH	POLE TO WIN	1.9LPA
147Y1A0351	MOHAMMED ABDUL WALI	MECH	POLE TO WIN	1.9LPA
147Y1A0313	SARIPELLA MANIKANTA	MECH	Global 3D Labs	1.2LPA
147Y1A03D6	R.SAI MANIKANTA	MECH	Global 3D Labs	1.2LPA
157Y5A0303	G.SHIVA PRASAD	MECH	RVM CONSTRUCTIONS INDIA PVT LTD	1.68LPA
147Y1A03D1	K.SAI ADI NARAYANA	MECH	RVM CONSTRUCTIONS INDIA PVT LTD	1.68LPA
147Y1A0376	K.PRAVEEN REDDY	MECH	CORECOGENT TECHNO ENGINEE RING	2.00LPA
157Y5A0302	G.NIPUN	MECH	QUALITUS PHARMA SOLUTIONS	1.8LPA
147Y1A0362	JAGDISH YADAV	MECH	HGS	2.4LPA
157Y5A0302	G.NIPUN	MECH	HGS	2.4LPA





# **STUDENT ACHIEVER OF THE YEAR IN PLACEMENTS**



**KUMAWAT ASHOK KUMAR-Triangle  
Incorporations- 7.2LPA**



# FACULTY PUBLICATIONS

## **P. Nageswara Rao**

- Precipitation hardening behavior of Al-Mg-Si alloy processed by cryo rolling and room temperature rolling
- Material research express, 2053-1591,SCI
- Review On the Extraction Methods of Crude Oil from All Generation Bio fuels In Last Few Decades
- Material science and engineering, 1757-8981, SCOPUS.
- Decolorization Of Basic Textile Dye from Aqueous Solutions Using a Biosorbent Derived from Thespesia Populnea Used Biomass.
- Material science and engineering SCOPUS.

## **D. Venkateswarlu**

- Optimization Of Process Parameters Using Response Methodology for Laser Welding of Titanium Alloy.
- Materials Science Forum, 1662-9752, SCOPUS.
- Effects Of In-Grain Misorientation Developments in Sensitization Of 304 L Austenitic Stainless Steels., Journal of Material research express, 2053-1591,SCI.

## **K Veeraraghavulu**

- Review on Applications of nano fluids used in VCR system for COP enhancement. Material science and engineering, 1757-8981,
- SCOPUS.



# BOOKS AND PAPTENTS

- YEAR: 2018
- NAME OF THE FACULTY: Dr. G. Surya Prakash Rao

**TEXT BOOK NAME:**

**Engineering Drawing Sun Techno publications**

Publication details:

978-81-939291-1-7





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**STUDENT CO ORDINATOR:**

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