



DEPARTMENT OF
MECHANICAL
ENGINEERING

ZENITH 2019-2020

VOLUME NO 1
JULY 2019- DEC 2019

MARRI LAXMAN REDDY - CHAIRMAN



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. He is also founder chairman of MLR Institute of technology, MLR Institute of Pharmacy & St. Martin's Engineering College and St. martin's schools at balanagar, chintal and malkajgiri. He is a veteran athlete of international repute.

MARRI RAJASEKHAR REDDY - SECRETARY

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. His ability to turn adversities into opportunities is unquestionable. The Secretary has a vision of establishing MLR Institute of Technology as a brand. He is striving hard to initiate various industry oriented programme for the benefit of the students and he envisions his students to be placed at the top most position in the industry.



DR. K VENKATESWARA REDDY - PRINCIPAL



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.

Research & Guidance: He has published 32 research papers at National and International Level in the areas of Mathematical modeling and Computing Simulations such as advanced Numerical solutions for Thermo elasticity and in framing the innovative research explorations in Cloud computing, Network security, MANET and other emerging fields of computer science

VISION AND MISSION OF THE DEPARTMENT

The Mechanical Engineering Department strives for immense success in the field of education, research and development by nurturing the budding minds of young engineers inventing sets of new designs and new products which may be envisaged as the modalities to bring about a green future for humanity

Equipping the students with manifold technical knowledge to make them efficient and independent thinkers and designers in national and international arena. Encouraging students and faculties to be creative and to develop analytical abilities and efficiency in applying theories into practice, to develop and to disseminate new knowledge. Pursuing collaborative work in research and development organizations, industrial enterprises, research and academic institutions of national and international standards, to introduce new knowledge and methods in engineering teaching and research in order to orient young minds towards industrial development

Program Educational Objectives:

PEO1: Graduates shall emerge as successful Mechanical engineer's as their career progress

PEO2: Graduates apply fundamentals of engineering, in practical applications and engage in active research.

PEO3: Mechanical Graduates shall have the ability to design products with interdisciplinary skills.

PEO4: Graduates will serve the society with their professional skills

Programme Specific Outcomes:

PSO1: Students acquire necessary technical skills in mechanical engineering that make them employable graduate.

PSO2: An ability to impart technological inputs towards development of society by becoming an entrepreneur



INTERACTION WITH INDUSTRY EXPERT



MR SANTOSH KUMAR- MANGAER, NEXA PVT LTD



SANTOSH KUMAR MAHADEVUNI A Mechanical engineer with over 16+ years of experience as an SRD and 3D Engineering Software Expert. In-depth knowledge and hands-on experience in Implementation, trouble shooting, customizing, training, and administering 3D engineering (S3D/PDS), Material Management (SRD). Assisted customers in providing accurate solutions, workarounds, and trainings to enable them to meet their schedules on project deliverables.

Industry institute interaction is essential for ensuring that practice meets theory across all functional areas. It goes a long way in enhancing a student's interpersonal skills and making him/her industry-ready. Such interactions are not always limited to just case discussions or internships



FACULTY PAPER PUBLICATIONS

D. Venkateswarlu P. Nageswara Rao	Optimization Of Process Parameters Using Response Methodology for Laser Welding of Titanium Alloy.	Materials Science Forum	1662-9752	Scopus
S. P. Jani	Influence of Natural Filler on Mechanical Properties of Hemp/Hybrid Green Composite and Analysis of Change in Material Behavior Using Acoustic Emission	Journal of Natural Fibers	1544-0478	SCI
S. P. Jani	Mechanical Behaviour of Coir and Wood Dust Particulate Reinforced Hybrid Polymer Composite	International Journal of Innovative Technology and Exploring Engineering	2278-3075	Scopus
S. P. Jani	Research on the Effect of Imprecise Size Foam Samples on Acoustic Measurements in Impedance Tube	International Journal of Recent Technology and Engineering	2277-3878	Scopus
S. P. Jani	Modelling and simulating the effect of sunlight heat on front bumper	International journal of engineering and advanced technology	2249-8958	Scopus



BOOKS PUBLISHED BY FACULTY

Mr. U. Sudhakar
Mr. K. Veera Raghavulu

**Engineering Mechanics Spectrum Techno
press 978-931-83470-23-5 2019**

PLACEMENTS AND HIGHER EDUCATION

MOHAMMAD ABDUL REHAN	singam industry
ARE AJAY	Reshma Fish Nets
GAJA DEVENDER	Reshma Fish Nets
ACHANA GANESH	Jayz 4 Exports
GUNDEBOINA GANESH	singam industry
SARGAM GURU SHANKAR	Desin Labs
GADDAM HARISH	singam industry
GATTU ITRESH BABU	Reshma Fish Nets
BAKKASHETTI KRISHNA	NEXA
DARAPU LOKESWARA RAO	Jayz 4 Exports
K.NAGA SAI RAM KIRAN	Trifolix Consulting Pvt Ltd
NALLURI PRAVEEN	Reshma Fish Nets
CH.RAMAKANTH	Trifolix Consulting Pvt Ltd
THUDUMU RAMESH	Reshma Fish Nets
KYATHAM RANJITH	Jayz 4 Exports
CHIRRA RANJITH KUMAR	Trifolix Consulting Pvt Ltd
ADDAGUDI SACHIN	BYJUS
NALLA SAMPATH	Jayz 4 Exports
SANJAY KUMAR NAYAK	MAHAVEER GROUP
MEDA SATISH KUMAR	Trifolix Consulting Pvt Ltd



GUJJARI SHESHA SAI BABA	Jayz 4 Exports
THOOTI SRINIVAS REDDY	WIPRO
KOKKERA THIRUPATHI	Jayz 4 Exports
AKHIL REDDY	Trifolix Consulting Pvt Ltd
KOTTHAGOLLA ASHOK	Anhur Homes
SYED FAROOQ	profilcs
SIDDA.LEELA ADITYA	POLE -POWIN
KADUBANDI NAVEEN KUMAR	icici bank
B.PAVAN KUMAR	Malla Reddy Engineering College
GORLA PRADEEP	Additive manufacturing India Pvt Ltd
KUNCHE PRASAD	Additive manufacturing India Pvt Ltd
B RAHUL KUMAR	Trifolix Consulting Pvt Ltd
PASIKANTI SAI PRASHANTH	Additive manufacturing India Pvt Ltd
MUNDE SATHISH	Vihnyan Jyothi Institute of Technology
SHUBHAM YADAV	surya Tech solutions
BOGUDA VENU MADHAV	Additive manufacturing India Pvt Ltd
HARSHA VARDHAN REDDY	Grey Cmapus
CH.PRATHYUSHA	METRO
NUNUGONDA CHARAN TEJA	Tata steel
D.PRASHANTH	Desin Labs

Social Media	Link
Facebook	https://www.facebook.com/pages/Marri-Laxman-Reddy-Institute-Of-Technolog...
Twitter	https://twitter.com/Mlritm
Google+	https://plus.google.com/117981769271038738647
You Tube	https://www.youtube.com/channel/mlritm
G-Mail	https://accounts.google.com
Instagram	https://instagram.com/mlritm_mlrs
Google Location	click to view the location



MARRI LAXMAN REDDY
Institute of Technology and Management
(Approved By AICTE, New Delhi & Affiliated to JNTU Hyderabad)
Dundigal, Medchal(M), Hyderabad, Telangana, India – 500 043.
(UGC - AUTONOMOUS)