



## Lendi Institute Of Engineering & Technology Department of Mechanical Engineering

(Approved by A.I.C.T.E and affiliated to J.N.T.U.Kakinada)  
Jonnada (V), Denkada(M), NH-43, Vizianagaram district-535005  
Phones: 08922-241111, 08922-241666, Fax: 08922-241112  
E-mail: lendi\_2008@yahoo.com, Website: www.lendi.org

### NEWSLETTER

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#### Contact Us:

+91-9849186732  
ssikiran@gmail.com  
<http://www.lendi.org>

## VISION

Envisions mechanical engineers of highly competent and skilled professional to meet the needs of the modern society.



## MISSION

- Providing a conducive and inspiring learning environment to become competent engineers.
- Providing additional skills and training to meet the current and future needs of the industry.
- Providing an unique environment towards entrepreneurship by fostering innovation, creativity, freedom and empowerment.

*"Scientists study the world as it is,  
Engineers create the world that has never been"*

**~ THEODORE VON KARMAN**



## Principal's Message:



The evolution of the institute over the past decade has witnessed strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to provide professional education with thrust on creativity and innovation.

The special emphasis is on Outcome Based Education (OBE) and Experiential Learning. The academic activities concentrate on helping the students to gain an excellent theoretical knowledge base and in the development of skills to implement them. We are constantly reviewing our set up to update and improve while making sure that students gain thinking skills, analytical frameworks, entrepreneurial skills, interpersonal and communication skills.

I Congratulate the department for its second edition of the magazine. I also look forward that the department will continue to be a trend-setter in offering an array of curricular and co-curricular activities in order to achieve academic excellence.

**Dr. V.V.RAMA REDDY**

## From the HOD's desk:



Greetings to faculty and students

I am extremely happy to bring out this message for our second edition of the department magazine released for the academic year 2016 – 2017. I strongly believe that it would be an excellent medium through which the world can learn about the potential and achievements of Lendians.

The main focus of the department is to empower students with sound knowledge, wisdom, experience and training both at the academic level of Engineering and in the highly competitive global industrial market. The infrastructure facilities and state-of-the-art equipments combined with a galaxy of competent, talented and dedicated faculty contribute to an enjoyable and an easy learning experience. We wish the best for all our students, and the members of the department who reiterate their aims at providing the best in academic and extra-curricular fields.

**Dr. S. SRIKIRAN**



"ENGINEERING IS THE ART OF DIRECTING THE GREAT SOURCES OF POWER IN NATURE FOR THE USE & CONVENIENCE OF MAN"~ Thomas Tredgold

## Accolades:



Mechanical Engineering Girls stood Runners Up in Kho-Kho conducted as a part of Annual Day Celebrations



P.Rupa of II Year was awarded II prize in Quiz Competition conducted as a part of Engineers Day celebrations.



K. Sai Sumanth of IVth year has participated in several athletic competitions and stood first in 100mts, 200mts Running race. He also won the gold medal in 5K run that was conducted by Rotary club visakapatnam.



Md. Tahir Ali, U.Ganesh Sai Krishna, S.Revathi and R.Ramesh of III Year have won II Prize in Project Expo for the Pantograph developed by them on the occasion of 49<sup>th</sup> Engineers Day celebrations



## International Journals:

- **Satish Pujari**, and **Mandrumaka D.S. Kumar** "Analysis of muscle moment and reaction force of elbow joint during flexion movement", *Int. J. Biomedical Engineering and Technology*, Vol. 22, No. 4, 2016
- **P.Srinivas Reddy**, **V. Krishnakanth** "Experimental investigation of cutting parameters of nano lubrication on turning AISI 1040 steel", *Material Science -2016*

## Workshops Attended:

- **S. Srikiran**, **Satish Pujari**, and **Mandrumaka. D. S. Kumar**, attended for a three day Faculty development programme held at AITAM, tekkali.
- **Satish Pujari**, participated in a Two day National workshop on "Advanced & Nanomaterials and Thermal Barrier coatings for transport and Energy applications held at Andhra University

## Research activity by the Students:

- **Preetham**, **R.S.V Madhan**, **M.Kranthikumar**, **M.Nagabhushan**, **V.Nanibabu**, **R.Yeshwant**, **S.Santosh** from II-year mechanical engineering have fabricated a Mini Agro Tractor in Collaboration with lendi institute of engineering and technology
- **A.Aditya Sainadh**, **B.Raju**, **Ch. Janardhan**, **D.Mohan Kalki**, **D. Sravan**, **D. Sunil Kumar**, **Ch. Yeswanth**, **G.C.S.G. Bharat**, **G. Prasanth**, **K.V. Aditya**, **D. Teja**, **Sainadh**, **G.Ganesh** from III-year mechanical engineering worked on a project titled "Design And Analysis Of New High Speed And Torque Differential Cum Gearbox For Solar Electric Vehicle" in Collaboration with lendi institute of engineering and technology
- **Kotla Jagadeesh**, **Munuru Venkata Rao**, **Thota Harsha**, **S.Krishna**, **Mohan Varma** from final year engineering have worked on a project under the title "Fabrication of multiple operational machine(drilling, grinding and sawing)"



- **Ivaturi Rohit Kumar , Kona Venkata Satya Bharat, Borapureddy Vinod Kumar, Baswa Aravind Kumar** from final year engineering have fabricated a Human hybrid vehicle
- **G. Vivek, A. Naveen Kumar, K. V. Sai Ram, D. V. S. K. Gopal Varma** have designed and fabricated an Electric Trike
- **K. Yugandhar, Gokul Sanu, K. Priyanka, P. Lokesh** of our out going batch have worked on a 3D printer project under the title "Design and fabrication of 3D printer and analysis of extruded material PLA added with natural fibre"

### Sports:

- **G.Pardhasaradi,M.Srinivasu,B.Narendra** of III year engineering have participated in the 7th 'A' Inter College Level Badminton competition held at MVGR college of Engineering
- **G.Avinash,K.Sai Sumanth,K.Lokesh Sai,A. Senkar Rao,R.Sandeep,K.Jagadeesh,B.Ravikumar** of final year engineering have participated in the 7th 'A' Inter College Level Kho-Kho competition held at MVGR college of Engineering
- **G.Avinash,S.R.S Kumar Ravikumar** of III year engineering have participated in the 7th 'A' Inter College Level Volley ball competition held at MVGR college of Engineering
- **P.Naveen Kumar, S.Srinivasa Rao** of II year engineering have participated in the 7th 'A' Inter College Level Basket ball competition held at MVGR college of Engineering

### Co-curricular activities:

- **P.Pundari Sainath**, of Final year has secured 3<sup>rd</sup> place in TECH WHIZ QUIZ-2017 held at LENDI Institute of engineering and technology,Vizianagaram
- **A.V. Ramana Vivek**, of Final year has secured 3<sup>rd</sup> place in TECH WHIZ QUIZ-2017 held at LENDI Institute of engineering and technology,Vizianagaram



## Workshops attended by the Students:



II and III Year students have attended 5- Days workshop on "Solar Vehicle Designing" conducted at VIT, Chennai



Students of III Year have attended 7-Days workshop on "Automobile and IC Engines" conducted at IIT, Mumbai

## Photography Club:



Mechanical Engineering students representing Photography Club



## Workshops conducted by the Department:



Workshop Organizing members with Principal sir Dr. V.V. Rama Reddy garu and Head of the department Dr. S.Srikiran

Tech Learning Solutions has conducted a student workshop on “Solar Vehicle Designing” in our campus.



## Internships:



Sitam Naidu, Harsha , Sharath and team undergone Industrial training program at zonal work shop in vizianagaram



S.Dileep Kumar, P.V.Akhil, Rishi Teja. M.Pavan, Venkatesh and Someshekar have undergone Internship at HSL, Visakhapatnam