

FACULTY ACHIEVEMENTS

- Mr.K.B.S.V.D.Prasad, attended workshop on Computational Research using Matlab from 10thNovember to 12th November 2016.
- Dr.O.Srikanth, attended faculty improvement program on Automated Manufacturing Techniques on CIM Setup from 4th November to 5th November 2016.
- Mr.K.B.S.V.D.Prasad, attended faculty improvement program on Autodesk Nastran in-CAD from 28th November to 3rdDecember 2016.

VISION

To prepare mechanical engineers with global competency and desire to serve the society.

MISSION

- + **DM1:**Transforming students as Mechanical Engineers with professional attitudes, Industrial adoptability, and leadership abilities.
- + **DM2:**Providing Quality Education with state-of-art facilities.
- + **DM3:**Inculcating ethical values, ability to lifelong learning and social responsibilities.

PROGRAM EDUCATIONAL OBJECTIVES

- + **PEO1:**To pursue successful careers or higher studies in Mechanical engineering through their strong foundation in mathematics, science and engineering.
- + **PEO2:** To analyze and design appropriate solutions for socially relevant problems by using current engineering techniques.
- + **PEO3:**To exhibit professionalism, ethical attitude, communication, managerial skills, team work and social responsibility in their profession and adapt to current trends by engaging in continuous learning.
- + **PEO4:**To grab an opportunity to expand their horizon beyond Mechanical engineering.



MECH NEWS ***October-November*** ***2016***



“Though the origin of most of our words is forgotten, each word was at first a stroke of genius.”

Ralph Waldo Emerson



Gears are essential for precision robotics. They allow limbs to turn smoothly and stop on command, low-quality gears cause limbs to jerk or shake. If you're designing a robot to scoop samples or grip a ledge, the kind of gears you'll need won't come from a hardware store.

At NASA's Jet Propulsion Laboratory in Pasadena, California, technologist Douglas Hofmann and his collaborators are building a better gear. Hofmann is the lead author of two recent papers on gears made from bulk metallic glass (BMG), a specially crafted alloy with properties that make it ideal for robotics.

<https://www.sciencedaily.com/releases/2016/11/161129103309.htm>

Editorial & Design Team :

Faculty

Mr. K.B.S.V.D.Prasad

Students

Mr. B. Raja Narahari-
III year

Mr. J AdityaSai Ram-
III year

Mr. P Kumar Raja-II year

Dr.Malladi, Professor, Malladi Consultants, Visited the college on 01.10.2016. He gave a guest lecture on easy ways of solving Engineering Mechanics Problems. 240 students participated to this lecture. With this lecture students got more familiar with Engineering Mechanics which is the basis for other design



Sri T. Johnson Sr. Executive Visited the college on 24.11.2016 He gave a guest lecture on functioning of major components in a Thermal Power Plant. All the Mechanical Engineering students attended to this lecture. With this lecture students got more insight into the thermal power plant.



Dr.K.Ravi appreciated the efforts of Dr.O.Srikanth, Head of the Department, other mechanical department faculty to bring out the innovative thinking of students. While talking about the design & fabrication projects, he said the innovative idea in the form of projects will make the greatness of our nation to bring the institute and the industry to tie up and make products under "Make in India Program".

- ❖ Sri. A.Pulla Rao, Student Chair, Vijayawada, ISHRAE Vijayawada sub chapter visited the college on 19.10.2016. He gave a guest lecture on "Heating and Ventilated Air Conditioning (HVAC) Systems". All the Mechanical Engineering students attended to this program. With this lecture students got more familiar with Heating Ventilated Air Conditioning systems.
- ❖ Dr. S. Shyam Kumar, professor MLR Institute of Technology, Hyderabad visited the college on 16.11.2016. He gave a guest lecture on "Velocity & Acceleration Mechanism". In this program Mechanical Engineering students were attended. In this lecture students got more insight into the Kinematic Analysis of Mechanisms.