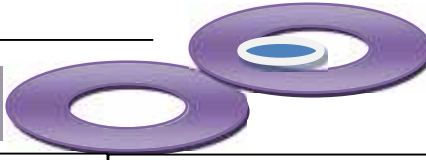



# THE eMECH NEWS LETTER

Department of Mechanical Engineering



The department of Mechanical Engineering was established in the year 2010. It has intake capacity of 240 students. All the laboratories are well established with state of the art equipment. The department has highly qualified and experienced faculty and technical staff. An innovative teaching and learning process is implemented in imparting quality education to the students which includes conduct of workshops, seminars, industrial tours, expert lectures and various extracurricular activities. An extra laboratory over and above the JNTUH syllabus namely Advanced Technology Lab is introduced to impart industry demand



**N.JEEVAN KUMAR**  
**HEAD OF THE DEPARTMENT**  
**PROFESSOR**



**Dr.K.SRINIVASA REDDY**  
**DEAN**  
**PROFESSOR**



**K. HARINARAYANA**  
**PROFESSOR**

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“Yesterday is history, tomorrow is a mystery. And today? Today is a gift. That’s why we call it the present.”

B. Olatunji

“Engineers like to solve problems. If there are no problems handily available, they will create their own problems.”

Scott Adams

“The secret to success is to start from scratch and keep on scratching.”

A Janher Bue



# eMECH news letter

## EDITORIAL BOARD

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### *From the Editorial Board*

You can't add any more hours to your day so learning to manage your time more effectively will help you plan your work more efficiently and ensure deadlines are met. Managing time effectively is a particularly crucial ingredient in successful projects. It is important to manage both your personal and professional lives because as much as you try to keep them separate they cannot help but infringe upon one another. Managing your own time will not only benefit you but those around you as well.

The busy man only can manage to do many things, which seem to be beyond the reach of ordinary persons. The life of great leaders teaches us one lesson. They have to do many things in spite of their busy schedule. The secret therefore lies in scientific management of time. When a person says that he has no time, what he really means is that he is unable to manage his time properly. The idea of time management has been in existence for more than 100 years. The term time management should not be misunderstood as time can be managed. In fact time can't be managed. By time management what we mean is we need to manage ourselves according to the time.

Time management is actually self-management. The skills that we need to manage others are the same skills that are required to manage ourselves. Namely, the ability to plan, organizes, direct and control.



## Department of Mechanical Engineering

### Workshops

A two day Workshop on “Designing of solar energy PV systems” is conducted on 22<sup>nd</sup> & 23<sup>rd</sup> aug 2k14. Mr.Mahendra Kumar from Green Energy Solutions, has attended as the chief guest and delivered his lecture on how to become a good Entrepreneur.



This workshop is supported by eminent management team Shri Bhopal Reddy, Vice President and Shri Srisailam Reddy, Secretary and Correspondent of CMR Engineering College.

## Webinar

A webinar on “ Basic Concepts of Thermodynamics & Laws of Thermodynamics” is conducted on 21<sup>st</sup> Aug 2014. A speaker Dr.K.S.Reddy expressed his views on the thermodynamics.



## Department Activities



A Three day workshop on CATIA V5 and Pro-E was organized on 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup> of December 2014 by Mechanical Engineering Department of CMR Engineering College, Medchal. The workshop was conducted by Octants Engineering Innovations, Hyderabad, Who were certified professionals of Dassault Systems. The speaker was Chetan Deshmukh, Design Director of Octant Engineering Innovation and accompanied by Vijandranath & Samarnath, Jr. Engineers.

The training was for 3<sup>rd</sup> year B.tech Mechanical Engineering students. In this workshop, topics covered were introduction to CATIA V5, Design, Product Modeling, Analysis using CATIA V5 and also Pro-E. The students actively participated in the workshop and learnt the Methodology of Product Design, Modeling and Analysis using CATIA V5. Dr. Lakshmi Narayana, Treasurer, IETE was the Guest of Honour. Dr. A.S.Reddy, Principal, Dr.K.S.Reddy, Dean, Prof. N. Jeevan Kumar, HOD were also present at the event.

## Guest Lecture

**Dr. Sudheer Prem** attended as a Guest Lecture to express his views on “ Heat Transfer”.

## Students Academic Performance

**Perka Srikanth** bearing roll no.128R1A03A6 has topped in MECHANICAL ENGINEERING for the Third Year first semester with percentage of 71.867%.

**CH.Venkata Vineel** bearing Roll no.118R1A0372 has topped in MECH ENG., for the fourth year first semester with percentage of 75..20%.

## Orientation Day

CMR Engineering College organized an orientation programme for the newly admitted B.Tech students at the institute premises on 5 September 2014. The major objective of the programme was to make the parents and students aware of the academic aspects of the course, the rules and regulations of the Institute and ensuring parental participation in monitoring the performance and progress of the students.

The programme was inaugurated with the lighting of the lamp by the Chief Guest, Dr.K. Venkateswara Sharma, founder and chairman of K-TAK organization, Hyderabad, guest of honor S.M. Ram Kumar, Dy. Manager, HR, MEDPLVS, Mr. Ch. Bhoopalreddy, Vice Chairman, CMREC, Mr.Ch. Srisailam Reddy, Secretary & Correspondent, Dr. A. S. Reddy, principal, CMREC and other dignitaries.



## A program on Safety, Security and Threat Awareness for Girl Students

The Program is conducted on “**Safety, Security and Threat Awareness for Girl Students**”. The program has been conducted for the 1st year B.Tech girl students initiated and conducted by M/s. Vanguardz Pro Skills on 29<sup>th</sup> Nov 2014. A Hyderabad based Training and Consultancy organization represented by its CEO, Lt.Col (Retd) Vijay Bhasker Reddy and Mr.KVS Reddy, Principal Consultant. The principal, Dr. AS Reddy initiated the session by welcoming guest speakers and spoke on the importance of awareness on Safety measures for girl students and thanked the management for facilitating the programme in the college premises.





## Parent's Meeting

Parent teacher meet was conducted on 21 December in the campus. The main purpose of the meet is to provide parents a platform to make a lasting bond with the management, staff of the college to increase the likelihood of academic success of the students and to foster improvement within each student. The parents interacted with the management, principal, staff and discussed various academic and extracurricular activities, clarified their queries and also provided suggestions. Even senior students of the college who are placed in MNCs took part in the meet and shared their experiences in CMREC. Dr.A.S.Reddy, principal, Ch. Srisailam Reddy, the Secretary and Correspondent, Ch. Bhopal Reddy, the Vice-Chairman, Dean, all the HODs, faculty, students, parents participated in the meet.



## Traditional & Fresher's Day

Traditional and Freshers Day were organised on 31 December 2014 where faculty members and students of second year welcome students of first year. Thus welcome party is much awaited affair for seniors as well as juniors. This programme began with lightening of the lamp. Students turned up in colourful traditional attire. Several traditional events were also organised such as dandiya, matka-breaking, Bhogi, Batukamma apart from formal and sports events like essay writing, elocution, cricket, volley ball, tennis and basket ball. The celebrations were followed by cultural programmes where students also walked on the ramp. Mr. Fresher and Ms. Fresher from the college were also selected on the occasion.



The dazzling performances by both seniors and juniors alike made this day even more charming. Students performed on various songs like kamli kamli, ore piya, zulie zulie, whistle baza. Modelling rounds were there, where juniors suppressed their feelings and introduced themselves. They answered Judge's questions. Surya and Vineela were selected as Mr. and Ms Fresher.



# Mechanical Engineering Mission and Vision

## Mission

- To be a centre of excellence in offering value based and futuristic technical education in the field of Mechanical Engineering.

## Vision

- To impart Quality technical education imbedded with values by providing state of the art laboratories and effective teaching and learning process.
- To produce industry ready Mechanical Engineering graduates with advance technical and lifelong learning skills.
- To prepare graduates for higher learning and research Mechanical Engineering and it's allied areas.

## Program Educational Objective

- The Graduates will exhibit strong knowledge in Mathematics, Science and Engineering for Successful employment or higher education in Mechanical Engineering.
- The Graduates will design and implement complex modelling systems, conduct research and work with multi-disciplinary teams.
- The Graduates will be capable of communicating effectively with lifelong learning attitude and function as responsible members of global society.



# MANAGEMENT



**Sri. Ch. Narsimha Reddy**, the Founder & Chairman of CMR Engineering College is a highly enthusiastic agriculturist and administrator with an interest in promoting education and thrives to maintain CMRCET, CMRCP, CMRIT and CMR Schools at a very high standard. He is working with missionary zeal. He has effectively used his skills for the establishment and management of various professional Educational Institutions to offering quality education to the down-trodden through CMR Group.

**Sri. Ch. Bhoopal Reddy**, B.Tech, MBA (Lon.), the Vice-Chairman of CMR Engineering College is a dynamic leader who has been the driving force behind the CMREC and steering them to new heights to produce dynamic minds who can adapt to the changing scenario and complex situations and are innovative enough to face the diverse challenges effectively in this highly competitive world of today.



**Sri. Ch. Srisailam Reddy**, B.Tech, MIT (Aus.), the secretary and Correspondent of CMR Engineering College is a dedicated and dynamic person with a vision to accelerate it in the field of education world on top of the global map with the unique standard of students to provide the best combination of academic standards professional approach. His journey is towards Excellence, Strengthening of Academic activities of the institution to nurture the Visionary Professionals that thrives in this Era of change. His Achievements have created a very high set of benchmarks.



**Dr.A.S.Reddy**, ME.Ph.D (Electrical Engineering), the principal of CMR Engineering College is an excellent academican and dynamic administrator with 20 years of rigorous teaching experience and about five years as a Principal with a vision to create excellence in technical education and research.Strong leadership is about consensus building, effective navigation, and balancing and synergizing the pillars of an institution such as CMREC Principal who have been working for the excellence of the Engineering Education to disseminate and advance knowledge by providing instructional, research and extension facilities with a global perspective to bring forth the theme, 'innovation and leadership' in Technical Education.

