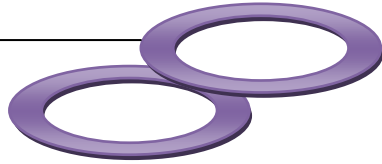


DEC 12, 2017

# 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 courses and make the students industry- ready.



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



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



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



**Dr. C. SHYAM SUNDAR**  
**PROFESSOR**



**Dr. D. VIKRAM SINGH**  
**PROFESSOR**



**Dr. B. RAVI NAIK**  
**PROFESSOR**

**DEPARTMENT OF**  
**MECHANICAL ENGINEERING**

- **Editorial Board**
- **SAE INDIA**
- **Workshops**
- **FDP'S**
- **Departmental  
Activities**
- **Practical Training**
- **Industrial Visits**
- **Summer Training**
- **Vision and Mission**
- **Management**

 <p><b>CMR</b> GROUP OF INSTITUTIONS EXPLORE TO INVENT</p>	<h2 style="background-color: #e6f2ff; padding: 10px; border-radius: 10px; display: inline-block;">CMR Engineering College</h2> <p><b>Kandlakoya, Medchal Road, Hyderabad-50</b>  <i>Tel: 08418-26003, Cell: 92470 2266</i>  <i>Website: <a href="http://www.cmrec.org">www.cmrec.org</a>, E-mail: <a href="mailto:mechhod.cmrec@gmail.com">mechhod.cmrec@gmail.com</a></i></p>	 <p><b>NBA</b> NATIONAL BOARD OF ACCREDITATION</p>
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## EDITORIAL BOARD

### Dr. A. SRINIVASULU REDDY

Principal  
*Editor-in-Chief*

### Dr. K. SRINIVAS REDDY

Dean  
*Editor*

### Prof. N. JEEVAN KUMAR

Professor  
*Associate Editor*

### M. HARSHA VARDHAN

*Asst. Professor*  
*Sub- Editor*

### MEMBERS

### V.RAJA KIRAN KUMAR

*Assoc. Prof.*

### K.RAJENDRA PRASAD

*Assoc. Prof.*

### TECHNICAL SUPPORT

### N. SHRAVAN

*Asst.Prof.*

### *From the Editorial Board*

Every journal depends upon its editor(s) and board for its success. One essential task for every employee is to develop good working relationships with their colleagues and to assist them in their challenging tasks.

Faculty Development Programme (FDP) aims at equipping teachers with skills and knowledge that are essential for inculcating entrepreneurial values in students and guiding and monitoring their progress. The FDPs provide inputs on process and practice of entrepreneurship development, communication and inter-personal skills, creativity, problem solving, achievement motivation training, inputs on resource and knowledge industries.

With ever changing technologies & methodologies, the competition today is much greater than ever before. The industrial scenario needs constant technical enhancements to cater to the rapid demands. The Summer trainings are important because it is the best way to acquire and clear your concepts about your respective fields

Going beyond the horizons of textbooks and making something innovative is certainly a measure to improve an individual in practical terms. Workshops, seminars and conferences held at regular intervals do perform the same motive for a student. As you listen to other people's ideas, you may find inspiration that can help you in the workplace.

**“YOUR FUTURE IS CREATED BY WHAT YOU DO TODAY”**

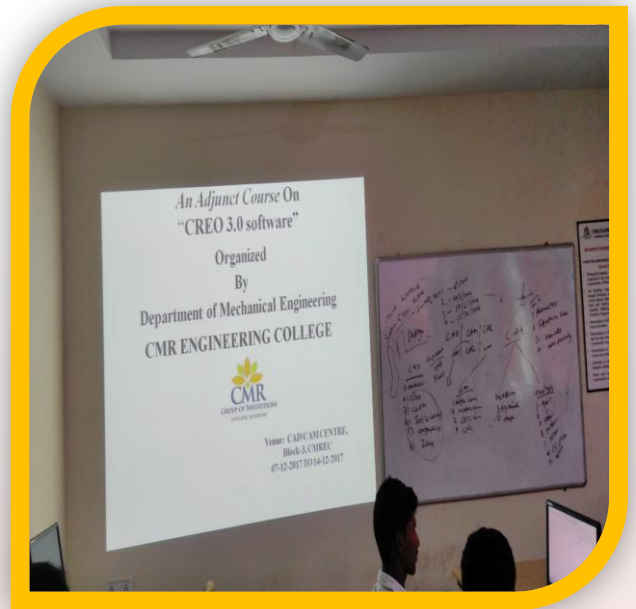
## DEPARTMENT OF MECHANICAL ENGINEERING

### "ADJUNCT COURSE"

ONE WEEK COURSE

#### A Seven Day adjunct course on "CREO 3.0 Software"

**DEPARTMENT OF MECHANICAL ENGINEERING** had organized A Seven Day adjunct course on "**CREO 3.0 Software**" from 07-12-2017 to 14-12-2017(7 Days) in our college with the support of management Ch. Bhoopal Reddy garu, vice chairman & Ch. Srisailam Reddy garu, Secretary, CMREC along with continuous persuasion of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this workshop is Mr. K. Rajendra Prasad , Assoc. Prof. The speaker for this adjunct course is Mr. G. Sudharsan Reddy, Asst. Prof., CMREC.



This Adjunct Course makes the Students how to work on CREO 3.0 advanced version software for the designing of Mechanical Components in an easy format. A one week session benefits the Student in order to designing of all Machine components.



Start learning Software



## DEPARTMENT OF MECHANICAL ENGINEERING

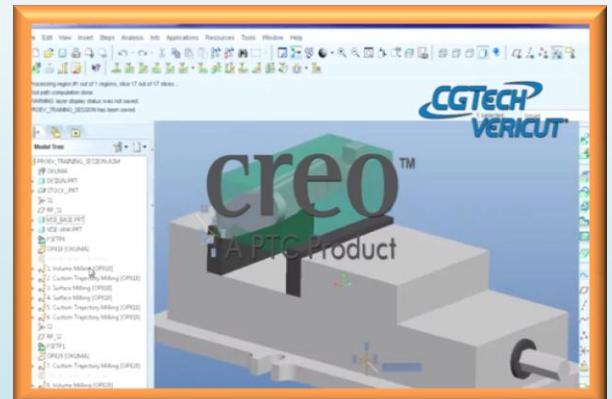
### “ADJUNCT COURSE”

ONE WEEK COURSE

A Seven Day adjunct course on  
“CREO 3.0 Software”

#### DAY WISE SCHEDULE

Sl no	Day/Date	Topic
1	Day1(07/12/17)	Introduction to CREO & practicing some sketch Models
2	Day 2(08/12/17)	Introduction to Part Modeling & Creation of Part Models
3	Day 3(09/12/17)	Practice session of all 3-D Models
4	Day 4(11/12/17)	Demo session on all advanced models of Part Design (Toraille Blend, Sweep, Blend)
5	Day 5(12/12/17)	Introduction to Assembly of Part diagrams
6	Day 6(13/12/17)	Practice session of all 3-D Assembly Models
7	Day 7(14/12/17)	Introduction to drawing & all importing of Isometric Views & Orthographic Views, BOM, Balloons



## DEPARTMENT OF MECHANICAL ENGINEERING

### "ALUMNI MEET"

ONE DAY EVENT

### A One Day Event on "Yaadein- Alumni Meet 2K18"

DEPARTMENT OF MECHANICAL ENGINEERING had conducted A One Day Event on **Yaadein Alumni meet** on 30-12-2017, Friday. in our college with the support of management Ch. Bhoopal Reddy garu, vice chairman & Ch. Srisailam Reddy garu, Secretary, CMREC along with continuous persuasion of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this event is Mr. D. Sathish, Asst.Prof. & Mr.B.Srinu Asst.Prof.

The chief guest for this event is **Dr. Rohit Parkar L&T HR.**



<p>4<sup>th</sup> Alumni Meet</p> <h1>Yaadein</h1> <p>Sharing Memories Together..</p> <p>CMREC Alumni Association invites you to reminisce the old times in its fun filled day with musical recreation..</p>		<p><b>CMR</b> ENGINEERING COLLEGE</p> <p>December 30th 2017 Venue: CMREC Campus</p> <p>9.30am - Registration &amp; Networking.</p> <p>10:00am - Alumni Classroom Visit</p> <p>11.00am - Formal Program &amp; Alumni Felicitation</p> <p>11:45am - Alumni Board Members Announcement</p> <p>12.00pm - Alumni Panel Discussion</p> <p>1.00pm - Lunch</p> <p>2:00pm - DJ party Begins</p>
<p>CH.NARASIMHA REDDY CHAIRMAN</p> <p>SANGARA CHAITANYA PRESIDENT</p>	<p>CH.BHOOPAL REDDY VICE-CHAIRMAN</p> <p>SURVI HARIKA VICE-PRESIDENT</p>	<p>CH.SRISAILAM REDDY SECRETARY</p> <p>T DIXIT KUMAR GENERAL SECRETARY</p>
<p>DR.A.S REDDY PRINCIPAL</p> <p>NIRHIL NAIDU JOINT SECRETARY</p>	<p>M.VIJAY KARTIK TPO &amp; CONVENER</p> <p>GUNDA AVILASH TREASURER</p>	

## DEPARTMENT OF MECHANICAL ENGINEERING

### “INDUSTRIAL VISIT”

ONE DAY VISIT

#### A One Day Industrial Visit to “TURBO ENGINEERING SERVICES”

DEPARTMENT OF MECHANICAL ENGINEERING had organized A One Day Industrial Visit to “TURBO ENGINEERING SERVICES” on 10-01-2018, Wednesday. with the support of management Ch. Bhoopal Reddy garu, vice chairman & Ch. Srisailam Reddy garu, Secretary, CMREC along with continuous persuasion of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this Industrial Visit is Mr. R. Chandra Sekhar Reddy, Asst. Prof. & Mr. T.V. Naveen Kumar, Asst. Prof.

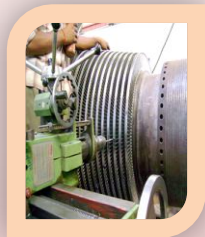
The trainer for this Industrial visit is Mr. C. Ram Chandra, Employee ( Asst.Trainer) in Turbo Engineering Services.



# DEPARTMENT OF MECHANICAL ENGINEERING

**"INDUSTRIAL VISIT"**

**ONE DAY VISIT**





## DEPARTMENT OF MECHANICAL ENGINEERING

### “TRAINING PROGRAMME”

TWO DAY EVENT

#### A Two Day Training Programme on “Internships, Main Projects & Career Guidance”

**DEPARTMENT OF MECHANICAL ENGINEERING** had organized A Two Day Training Programme on “Internships, Main Projects & Career Guidance” from 11/01/2018 to 12/01/2018(2 Days) with the support of management Ch. Bhoopal Reddy garu, vice chairman & Ch. Srisailam Reddy garu, Secretary, CMREC along with continuous persuasion of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this training programme is Mr. V. Raja Kiran Kumar, Assoc. Prof.

The trainers for this Industrial visit is :

- 1) ARK
- 2) DESIGN TECH
- 3) VIRTECH ENGG SERVICES
- 4) CITD



## DEPARTMENT OF MECHANICAL ENGINEERING

**SAEINDIA**  
Society of Automotive Engineers INDIA

National Level  
Competition

### A National Level Competition on “ENDURO STUDENT INDIA”

**ENDURO STUDENT INDIA** is an exclusive student design competition which has been conceived and conducted by Delta Inc., Kolkata. The rules and regulations adopted by the organisers are prescribed by international standards which are adopted by other similar events across the globe.

In this competition the participants are required to design and manufacture an **ALL TERRAIN VEHICLE (ATV)**. The vehicle specifications are same as those specified for Baja SAE.

This competition has two rounds. The first one is a QUIZ round in which the rule book specifications and design parameters are tested. Our college **Team WILD MILLER** cleared this round with All India 54th position and will participate in the final round to be held at **COIMBATORE** in **JANUARY 2018**.



- **SAE MEMBERSHIP** list includes all second year, third year and final year Mechanical students under the guidance of Dr. K.S. Reddy, Dean (Mech. Dept.) and Prof. N. Jeevan Kumar, HOD (Mech. Dept.)



enduro.student.india

## DEPARTMENT OF MECHANICAL ENGINEERING

**SAEINDIA**  
Society of Automotive Engineers INDIA

National Level  
Competition

A National Level Competition  
on "ENDURO STUDENT INDIA"

### STUDENTS LIST OF SAE MEMBERSHIP

SL. NO.	Roll No	Student Name
1	158R1A0389	K.Suresh
2	158R1A03G5	P Vinith
3	158R1A0395	K Sai Pavan
4	168R5A0349	Shivam Chaudhary
5	168R5A0345	T Gokul
6	158R1A0348	Abhinav Dacha
7	158R1A0382	K Raju
8	158R1A03B3	M Abhilash
9	158R1A03N3	K Vishal
10	158R1A03N4	P M Akhil
11	158R1A03B5	M Kiran Kumar
12	168R5A0330	Nayakoti Mani Teja
13	158R1A03H8	Radarapu Raju
14	158R1A0375	J Raj Kumar
15	158R1A03N5	P Shashidhara
16	148R1AO3I7	R.Chakradhar reddy
17	148R1AO3K9	V.Arun kumar
18	148R1AO3I3	P.Srinivas
19	148R1AO3M1	Y.Prem Sai
20	148R1AO303	A. Rama krishna
21	148R1AO385	chaithanya
22	148R1AO344	Prathek
23	148R1AO3K5	T.Karthik
24	148R1AO367	vigna Sai
25	148R1AO360	Adithya



- **SAE MEMBERSHIP** list includes all second year, third year and final year Mechanical students under the guidance of Dr. K.S. Reddy, Dean (Mech. Dept.) and Prof. N. Jeevan Kumar, HOD (Mech. Dept.)

## DEPARTMENT OF MECHANICAL ENGINEERING



National Level  
Competition

### A National Level Competition on BAJA-2018

**SAEINDIA BAJA 2018** is an intercollegiate design competition run by the Society of Automotive Engineers, India (SAEINDIA). Teams of students from universities and colleges all over INDIA design and build small off-road cars. The cars all have engines of the same specifications. The goal in racing is to design, build and race off-road vehicles that can withstand the harshest elements of rough terrain



## DEPARTMENT OF MECHANICAL ENGINEERING

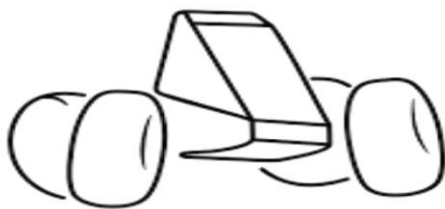


National Level  
Competition

### A National Level Competition on BAJA-2018

BAJA SAEINDIA 2018, the 11th edition of the BAJA series by SAEINDIA has concluded at the NATRIP facility at Pithampur, Indore, on 28th January 2018.

The 2018 BAJA SAEINDIA witnessed the participation of almost 388 teams from different colleges across India, out of which 221 were qualified for the final round. The title of this prestigious event was sponsored by Mahindra & Mahindra.



## DEPARTMENT OF MECHANICAL ENGINEERING

### "CAREER GUIDANCE"

ONE DAY SESSION

### A Career Guidance Session on "Placements & GRE, TOEFL, GMAT, PTE, SAT, IELTS"

**DEPARTMENT OF MECHANICAL ENGINEERING** had conducted A Career Guidance Session on "Placements & GRE, TOEFL, GMAT, PTE, SAT, IELTS" on 23-01 -2018, Tuesday with the support of management Ch. Bhoopal Reddy garu, vice chairman & Ch. Srisailam Reddy garu, Secretary, CMREC along with continuous persuasion of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this career guidance session is Mr. M. Harsha Vardhan, Asst. Prof. The speaker for this career guidance session is : **Mr. A. Naveen Krishna**

**CMR ENGINEERING COLLEGE**  
(Approved by AICTE, Affiliated to JNTU, Hyderabad)

**DEPARTMENT OF MECHANICAL ENGINEERING**

DATE : 23-01-2018

**A Career Guidance Session  
on  
"GMAT, GRE, PTE, SAT, IELTS,  
TOEFL & PLACEMENTS"**

Speaker : **Mr. A. Naveen Krishna**  
Venue : **Seminar Hall,**  
Department of Mechanical Engineering

GRE-Graduate Record Examinations

TOEFL- Test of English as Foreign Language

GMAT- Graduate Management Admission Test

PTE- Pearson Tests of English

SAT- Scholastic Aptitude Test

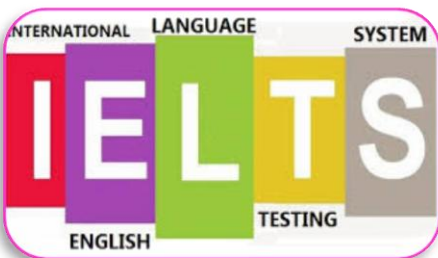
IELTS- International English Language Testing System.



**DEPARTMENT OF MECHANICAL ENGINEERING**

**"CAREER GUIDANCE"**

ONE DAY SESSION



## DEPARTMENT OF MECHANICAL ENGINEERING

### “TRADITIONAL EVENT”

ONE DAY EVENT

### A One Day Traditional Event on “Women’s Day”

**DEPARTMENT OF MECHANICAL ENGINEERING** had organized A One Day Traditional Event on “Women’s Day” on 08-03 -2018, Thursday with the support of management Ch. Bhoopal Reddy garu, vice chairman & Ch. Srisailam Reddy garu, Secretary, CMREC along with continuous persuasion of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this traditional event is Mrs. Surya Kala, charita women cell.

The guest for this traditional event is : Ch. Sowjanya Srisailam Reddy.





# DEPARTMENT OF MECHANICAL ENGINEERING

*“TRADITIONAL EVENT”*

ONE DAY EVENT



## DEPARTMENT OF MECHANICAL ENGINEERING

### “PARENT-TEACHER MEET”

ONE DAY EVENT

### A One Day Interaction of “Parent-Teacher Meet”

DEPARTMENT OF MECHANICAL ENGINEERING had organized A One Day Interaction of “Parent-Teacher Meet” on 10-03 -2018, Saturday with the support of Dr.A.S.Reddy, Principal along with the encouragement of Dr.K.S.Reddy ,Dean (Academics) & Prof. N. Jeevan Kumar, HOD, Department of Mechanical Engineering. The Faculty Co-ordinator for this parent-teacher meet is Mr. V. Raja Kiran Kumar, Assoc. Prof.

#### CONTENTS OF PARENT-TEACHER MEET :

- Student Academic Performance
- Attendance Details
- Annual Reports
- Individual Subject Performances
- MAKE UP Classes
- NSS & NCC Activities
- Extra Curricular Activities
- Examination Results
- Laboratory Facilities



## DEPARTMENT OF MECHANICAL ENGINEERING

### “NATIONAL LEVEL FEST”

ONE DAY EVENT

### A One Day National Level Fest “EXUMBERANCE 2K18”

CMREC had celebrated grandly a National Level Fest “EXUMBERANCE 2K18” in our institution in the presence of

Shri. Ch. Malla Reddy, Honourable MP

Shri.Govardhan, JNTUH Rector

Shri.T.Padma Rao, Honourable Minister

Mr.Baba Seghal, singer

Sri. Ch. Boopal Reddy, Secretary, CMREC

Sri. Ch. Srisailam Reddy, Chairman, CMREC

Dr. A.S. Reddy, Principal, CMREC

Dr. K.S.Reddy, Dean (Mech. Dept.)

Prof. N. Jeevan Kumar, HOD (Mech. Dept.)

□ Annual Day 2K18 included Chief Guests Speeches, Academic Toppers Prize Distribution, Annual Sports Meet Winners Prize Distribution, Cultural Programmes, Musical Night by Baba Seghal, Dj follows.



## DEPARTMENT OF MECHANICAL ENGINEERING

### *VISION and MISSION*

#### VISION

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

#### MISSION

- 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 Graduate 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 system, conduct Research and work with Multi-disciplinary teams.
- The Graduate will be capable of Communicating effectively with lifelong 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

**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 academician 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

