



# CMR ENGINEERING COLLEGE

AFFILIATED TO JNTUH & APPROVED BY AICTE  
KANDLAKOYA(V), MEDCHAL ROAD, HYD-501401

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

# CMRECHO ECE NEWSLETTER volume-5 Dec-2014



### CHIEF PATRONS

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**SRI CH.BHOOPAL REDDY**  
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**PROF.C.ASHOK KUMAR**  
HOD,ECE Department

### EDITOR

**Dr.B.Harikrishna**

### STUDENT COORDINATOR

**Pawan Kumar**





**BLOCK II - ECE DEPARTMENT**



**BLOCK III-CENTRAL LIBRARY**

## **ABOUT COLLEGE**

CMR Engineering College was established in 2010 as a component of CMR Group of Institutions. It has come up in an area of 10 Acres with lush green environment with an aim to create a class of qualified, innovative and dynamic professionals for Engineering Sector. Our primary purpose is to enhance the professional life of students and develop their personality to meet the challenges of coming decades. This institution provides facilities to students to take part in Co-Curricular and extra Curricular activities which leads to overall personality development of the students in addition to excellence in academics.

## **VISION OF INSTITUTE**

To be recognized as premier institution in offering value based and futuristic quality technical education to meet the technological needs of the society.

## **MISSION OF INSTITUTE**

- To impart value based quality technical education through innovative teaching and learning methods.
- To continuously produce employable technical graduates with advanced technical skills to meet the current and future technological needs of the society.
- To prepare the graduates for higher learning with emphasis on academic and industrial research.



**SRI CH.NARASIMHA REDDY**  
CHAIRMAN



**SRI CH.BHOOPAL REDDY**  
VICE-CHAIRMAN



**SRI CH.SRISAILAM REDDY**  
SECRETARY & CORRESPONDENT



**DR.A.S.REDDY**  
PRINCIPAL

# ABOUT ECE DEPARTMENT

Established in the year 2010. The department has B.tech degree in Electronics and Communication Engineering with an intake of 240 students, and M.Tech in Embedded system, VLSI System Design with an intake of 24 each.



**PROF. C. ASHOK KUMAR**  
**HOD ECE DEPARTMENT**

It has the sophisticated and necessary infrastructural facilities that are required for imparting high quality education and the department is completely well structured to meet the contemporary needs of the industry.

## VISION OF THE DEPARTMENT

- To promote excellence in technical education and scientific research in electronics and communication engineering for the benefit of society.

## MISSION OF THE DEPARTMENT

- To impart excellent technical education with state of art facilities inculcating values and lifelong learning attitude.
- To develop core competence in our students imbining professional ethics and team spirit.
- To encourage research benefiting society through higher learning

## PROGRAM EDUCATIONAL OBJECTIVES

- Students will be prepared to excel in their professional career & higher education in Electronics & Communication Engineering and allied fields through rigorous quality education.
- Students will be skilled with professional ethics, lifelong learning, teamwork and clear communications and capable of functioning responsibly in diverse environments for the beneficial development of society.
- Students will be trained so as to solve real life problems related to Electronics & Communications Engineering and allied fields for the benefits of society.

# LABORATORIES



**VLSI LAB**



**MP & MC LAB**



**EMBEDDED SYSTEMS  
LAB**



**EDC LAB**

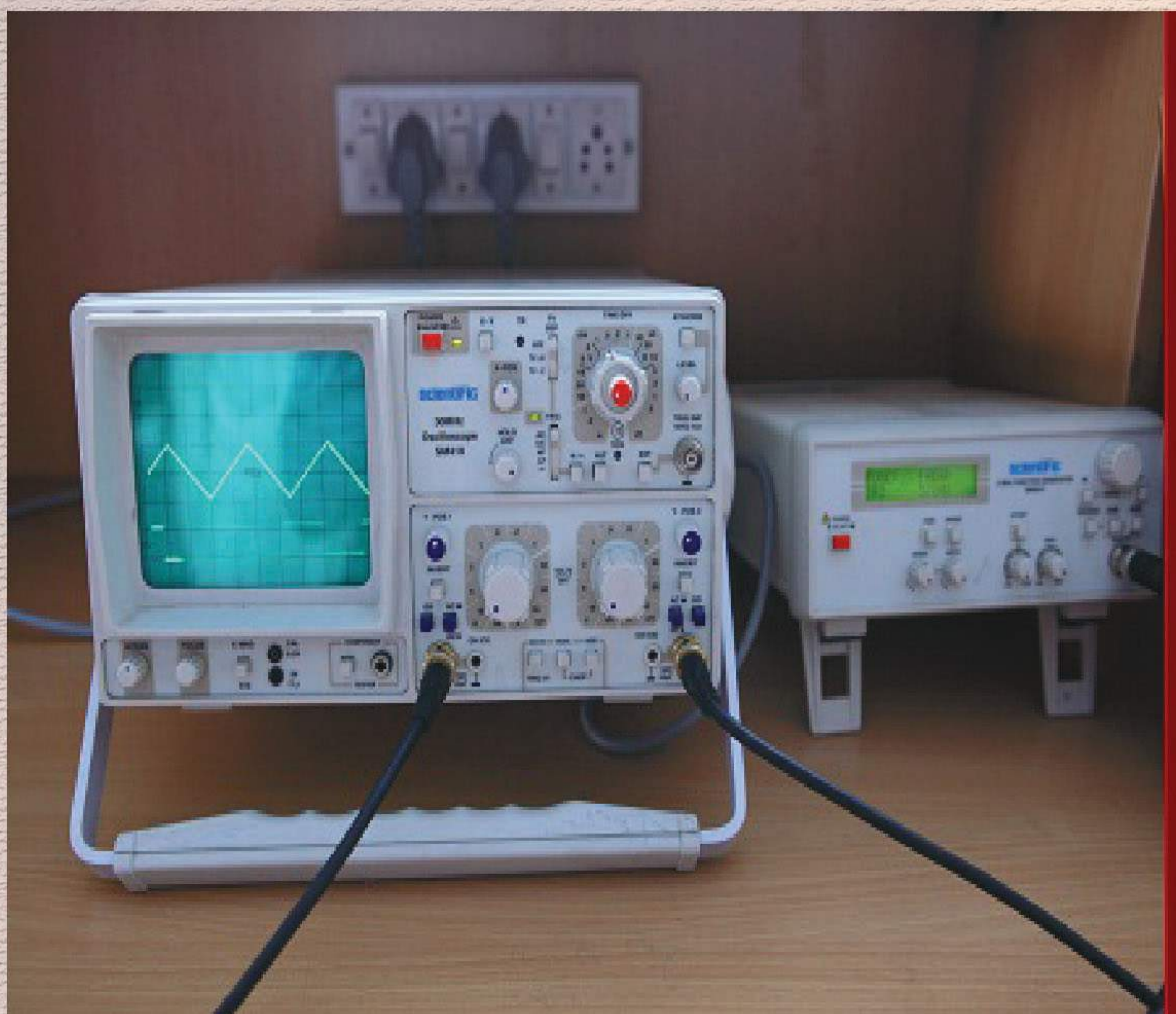
# LABORATORIES



**DSP & BS LAB**



**EE & EEE LAB**



**IC & PDC LAB**



**MWE LAB**

# TRADITIONAL DAY





# & FRESHERS DAY





# ECMRON

## DEPARTMENTAL CLUB

### PURPOSE OF THE CLUB:

Electronics and Communication Modulated Redefined Outwit Nook. The club has been working and organizing events to benefit student community like Robotics, Debates, Group Discussions and Guest lectures on recent technologies etc. The club promises to strive for nourishing the creative and innovative ideas of young engineers.

The department has its own students' council organizing various conferences, Workshops and seminars on the cutting-edge technologies to provide the students with a unique opportunity to keep in touch with the latest trends in the domain. The Council also encourages students to conduct various Online and Offline events so as to help them gather a good rapport with the staff and fellow students.



### EXECUTIVE BODY:

S.NO	NAME	POSITION	DESIGNATION
1	Prof.C.ASHOK KUMAR	CHAIRMAN	Prof & HOD (ECE)
2	MD.JABIRULLAH	VICE-CHAIRMAN	ASSOC.Prof

### FACULTY INCHARGE;

S.NO	NAME	POSITION	DESIGNATION
1	R.Venkaresh	FACULTY INCHARGE	ASST.PROF
2	Vani	FACULTY INCHARGE	ASST.PROF

### STUDENTS' COUNCIL:

S.NO	NAME	DESIGNATION	YEAR
1	Y.Vijay Vamsi Krishna	Secretary	IV
2	Deepthi	Joint Secretary	III
3	M.Sai Kiran	Treasurer	IV
4	Shrutha Keerthi	Executive Member	III

# EVENTS

## ORIENTATION DAY



## AVAZYA - 2K14



NON TECHNICAL EVENT



TECHNICAL EVENT



PPT PRESENTATION



POSTER PRESENTATION

# STUDENT ACHIEVEMENTS

- A.Tejaswini got 1st prize in poster presentation conducted by VNR Vignan Jyothi Institute of Engineering & Technology.
- K.Nikitha won 3rd prize in essay competition conducted by maths club.
- Y.Punesh participated in workshop conductd by HITAM college,Hyderabad.
- G.Sowjanya has give poster presentation at BVRIT Womens,Hyderabad.
- D.Krishna ashish Participated in Event Electro-surge Conduced at CMRIT, on 1st Oct..
- M.Lakshmi Bhavana has participated in Event “Electronic Wizards” Conducted at MRITS on 30 Nov 2014.
- V.Ravi Kumar has attended a Workshop on “Robotron” at MRCET,Hyderabad.
- Ashish Kumar attended Workshop “Robotics” on 4&5th Oct at GNITC,Hyderabad.
- K.Manasa has given Paper Presentation on the Event of Convergence 2K14 at VNRVJIET,Hyderabad.
- Y.Archana attended workshop a on Tech-bee conducted by MREC,Hyderabad.

# workshops conducted

- ✓ A Two day national level workshop on "MATLAB and its applications" conducted by capricot technologies pvt.ltd on 27th&28th August 2014
- ✓ A Two day national level workshop on "CIRCUIT LAYOUT & Fabrication" conducted by MEGAS Advanced Technologies on 25th&26th september 2014
- ✓ A Two day National level workshop "WIRELESS NETWORKS" Conducted by TATA Communications On 8th&9th October 2014
- ✓ A Two day National level Workshop On "ADVANCEMENT IN CODING Techniques by UTS Technologies" On 22nd&23rd December 2014
- ✓ A Two day workshop on SIMULATION OF ANTENNAS Using HFSS Tools On 8th&9th september 2014
- ✓ A Two day workshop on "DESIGN EXPOSURE" Conducted by MEGAS Advanced technologies On 25th&26th September 2014
- ✓ A One day workshop on "HANDS ON EXPERIENCE ON KIEL SOFTWARE" Conducted by Magni5 Technologies On 27th December
- ✓ A One day workshop on "PERSONALITY DEVELOPMENT & PROFESSIONAL ETHICS" Conducted by G.jagadeshwar Rao On 17th september 2014
- ✓ A One day workshop on "GREEN COMMUNICATIONs" Conducted by Dr.E.Nagabhushanam On 21st October 2014
- ✓ A One day workshop on : "SOLAR&WIND POWER GENERATOR" by Dr.A.S.Reddy On 18th August 2014

## WORKSHOPS ATTENDED

- CH.Ashok kumar,Shaik Saheb Basha,Vaseem Ahmed Qureshi and T.Madhavi participated in a six day workshop on “VLSI Design” from 2<sup>nd</sup> to 7<sup>th</sup> June 2014 held at C-DAC.
- B.Papachary and M.Amru has participated in a six day workshop on “VLSI Design Using Mentor Graphic Tools” from 4<sup>th</sup> to 9<sup>th</sup> July 2014 at MLRIT,Hyderabad.
- R.Shankar and Vamshidhar Porredi has participated in a two day workshop on “MATLAB Simulink” on 11<sup>th</sup> & 12<sup>th</sup> August 2014 at “MATHLABS”,Hyderabad.
- B.Hari Krishna & M.Vijay Karthik has attend an Six day National level workshop on “Electronic materials,devices and circuits for all needs of the society” held from 24<sup>th</sup> to 29<sup>th</sup> November 2014 at MRCE,Hyderabad.
- H.Ranganathan has attended a Two day National level workshop on “Advances in Software Engineering” held on 21<sup>st</sup> & 22<sup>nd</sup> November 2014 at RRSCET Hyd.
- K. Praveena has participated in a two day National workshop on “recent advances in software engineering” on 21-22 Nov-2014 at RRS Engineering college.
- M.Sree Lakshmi has participated in a two National workshop on “recent advances in software engineering” on 21-22 Nov-2014 at RRSCET, Hyderabad.

## GUEST LECTURES

- A Guest lecture on “Low power optimization techniques in VLSI” given by Dr. T.Satya Savitri Professor of JNTUH on 30th Aug, 2014
- Hands on Experience on detailed syllabus “8085 microprocessors” given by Mr.M.Vedachary Associate Professor of CMRCET,Hyderabad on Sep 19th 2014.
- Hands on experience on “Execution of the programs using KEIL” on 27th Dec, 2014 by Mr.G.Surya Prakash, Technical Associate of Magni5 Technologies,Hyderabad.
- Simulation of Antennas Hands on Experience “Simulation of Antenna Characteristics using HFSS tool” on 08th Sept, 2014 by Mr G.Srikanth, Professor, CMRTC

# EXTRA CURRICULAR ACTIVITIES

- ▶ Rahul has got First prize in Volleyball(men)held on Dec-2014 at MLRIT,Hyderabad.
- ▶ Manideep has got First prize in Kho-kho(men) on Dec-2014 held at MREC,Hyderabad.
- ▶ Soujanya has got 2nd prize in Handball(women) on Nov-2014 held at MRCET,Hyderabad.
- ▶ VENKATESH has participated in Foot ball(men) on Dec-2014 held at MRCET,Hyderabad.
- ▶ SAHITHI has got 1st prize in Singing on July-2014 at HITAM,Hyderabad.
- ▶ Meghana has got 1st prize in Dance on Nov 2014 held at MRIT,Hyderabad.
- ▶ Sathya narayana has participated in Cricket(men) held at Holy mary group of institutions on Aug-2014.
- ▶ Charan has Participated in Table tennis(men) held at VNR VJIT on Dec-2014
- ▶ Prasad has Participated in Basketball(men) on Dec-2014 held at VNR VJIT,Hyderabad.
- ▶ Srisha has Participated in Volleyball(women) on Dec-2014 held at VNR VJIT,Hyderabad.



## SOME OF OUR RECRUITERS



# CMR ENGINEERING COLLEGE

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