

VOLUME 5



IETE

INSTITUTION OF ELECTRONICS AND
TELECOMMUNICATION ENGINEERS

ECE

DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING



SIR C.R.R. COLLEGE OF ENGINEERING

ELURU 534007 W.G. DT. ANDHRA PRADESH

[APPROVED BY AICTE, NEW DELHI & PERMANENTLY
AFFILIATED TO ANDHRA UNIVERSITY]

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SRI S.V. RAJA BHUSHAN PRASAD
TREASURER

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INTRODUCTION

ABOUT E.C.E

The Department of Electronics and Communications Engineering has been functioning since the beginning of the college i.e., A.Y.1989-90 with an intake of 60. Presently the intake of the ECE department is 180. The department has 24 well qualified, experienced and dedicated faculty of which most of them are having P.G qualification in different streams. ECE department is offering M.Tech course in communication systems from A.y.2009-10. The department has good infrastructure with 8 different labs namely Microwave Engineering lab, Microprocessor Lab, Digital ICs Lab, Communication Lab, Computer Lab, EDC Lab, LIC Lab & DSP Lab. All the labs are fully equipped to cater the present day technology. Computer lab is fully equipped with necessary systems and software. The department consists of 7 well-furnished classrooms for theory classes with glass boards, podiums, fans fluorescent lamps with good ambiance and two staff rooms, HOD's room and department library.

ABOUT I.E.T.E

The Institute of Electronics and Telecommunication Engineering (IETE) is India's leading recognized professional society devoted to the advancement of science and technology of electronics, telecommunications & IT.

IETE Students Forum (ISF) is a student body of IETE. IETE student forum was started in our college on 15th September, 2003



ISF serve as a focal point at the institution on all aspects of professional development of the student members, ISF is providing the journals of IETE to all its members. ISF is providing the following publications regularly to the ISF student members in our college.

- IETE technical view
- IETE journal of research
- IETE journal of education
- IETE news letter

ISF is conducting technical programs and activities such as special lectures, workshops, seminars and exhibitions to develop the knowledge in advanced technologies.

In addition ISF is also conducting programs like TEACHERS DAY, ENGINEER'S DAY every year and also conducting the following events for the benefit of the student members.

- Technical quiz
- Paper presentation

- Creative writing
- Aptitude and English test
- Debate
- Extempore

MESSAGES

It is an honor to serve as the president of Sir C R Reddy College of Engineering which is known for its excellence for the past 26 years and at which we strive to offer the best possible educational experience for our students. Our knowledgeable and dedicated faculty and staff work with a keen focus on student success. I am glad about the efforts of our final year students as 169 members got placed in various companies in 2014-2015.

In the present scenario where the overall development of students has come to prominence and employability is very important, organising events, participating and presenting seminars, paper presentations, and other such co-curricular activities plays a very important role.

The newsletter has been brought out with a pleasing appearance and a record of the efforts of the people involved. A newsletter like this serves as an index to the college activities and I appreciate the efforts of students and staff of EEE Department for bringing it out with the department successfully. These activities and bring out more such newsletters and also technical publications in the future.



Sri Alluri Indra Kumar
President, Sir C.R.R.



Dr. M.B.S.V. Prasad
Faculty

Sir C R Reddy college proffers the student with good atmosphere with state-of-the-art facilities, distinguished mentors and pleasant educational environment. The institute holds the aces of assuring the employability and communication skills of students. It provides quality education in an environment of discipline, self-dependent and self-confident individual. Sir C R Reddy college of Engineering pulls out all the steps to mould the students career in such a way that they excel in all nuances of life. The college stands not only on mere acquisition of course knowledge and its application but also on all-round personality development of the student and his value system.

Technical education is the backbone of every nation and is a stepping stone for a country to move into the niche of a developed nation. "Service to human being is service to god". Creating better human beings is our motto and we can do that when we are able to mould our students to be good human beings with values which are embedded for life. The main focus of the institution is to empower student with sound knowledge, wisdom, experience & training both at academic level of engineering and in the highly competitive global industrial market.

We wish the best for all student, and the members of the institution who reiterate their aims at providing the best in academic and extracurricular fields. We must believe that success is inevitable where there exist foresightedness, firm determination, hard work & discipline you are assured that you will be proud of yourself as a confident and successful technocrat after four years of Sir C.R.R. Engineering college. I am very happy to be part of this anniversary newsletter of EEE department and wish them good luck.



Dr. G. Sambaiva Rao
Principal, Sir C.R.R.



Sri Chitturi Janaki Ramayya

It gives me immense pleasure and I welcome the ANNIVERSARY celebrations of the INSTITUTE OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING Student Forum (ISF), OF ECE department. Our institute Sir C R Reddy College of Engineering strives to provide a professionally focused educational system and is committed to strong ethical and social values. I wish the event a grand success and my congratulations to all the persons involved. I also admire the editorial board for all the endeavours put in by them in bringing out this spectacular newsletter.

H.O.D'S MESSAGE



To become a centre of excellence in Education, research and produce high quality engineers in the field of Electronics and Communication Engineering to face the challenges of future technology changes.

The Department aims to bring out competent young Electronics & Communication Engineers by achieving excellence in imparting technical skills, soft skills and the right attitude for continuous learning

The Department is headed by Dr.T. Venkateswararao, Ph.D., having 26Years teaching experience. Department was started with UG programme in 1989 with an intake of 60, and subsequently enhanced to 180 in 2011. PG programme (M.Tech) in Communication Systems with an intake of 18 has been sanctioned from the academic year 2009-2010. PG programme (M.Tech) in VLSI with an intake of 18 has been sanctioned from the academic year 2010-2011 The Department was accredited by NBA.

A team of highly qualified faculty members run the Department with specializations in Antennas, Communications, Microwave Engineering, Electronic Instrumentation, Signal processing and VLSI areas. The team comprises of 35 staff members with 1 Professor, 2 Associate Professors, 1Sr Asst. Professor, 21 Asst. Professors, 2 senior technician and 4 Technicians,

FOURTH YEAR ACHIEVEMENTS

K. BALA SAI

ROBOTICS:
IIT HYDRABAD - 1ST IN ROBOT EPIC & 2ND IN PIRATES
VIGNAN UNIVERSITY - 1ST IN MANUAL ROBOTICS.
BHNA UNIVERSITY - 1ST IN AQUA ROBOT & 2ND IN ROBO WAR.
VR SIDDARtha - 1ST IN ROBO SOCCER.
IIT-GUWAHATI - 1ST IN AQUA ROBO & 2ND IN MANUAL ROBOTICS
IIT-GUWAHATI - QUALIFIED FOR STATE LEVEL ESCALADE COMPETITION (AUTONOMOUS ROBOT)
TECHNICAL PAPER PRESENTATION
IETE VIJAYAWADA - 1ST (BRAIN MACHINE INTERFACE)
PROJECT EXPO:
SRRR BHIMAVARAM 2ND

K. GOPI CHANDRA SEK HAR REDDY

CRRE - 1ST IN MATHS QUIZ

N. VENKATESWARULU

CARE.V.R SIDDARThA
 1ST IN ELECTION & 2ND IN EXTEMPORE .HINDU E PLUS 2ND
 REGIONAL LEVEL ELECTION .NATIONAL VOTERS DAY 3RD IN
 DIST ELECTION .CRRE TECH FEST PROJECT EXPO 1ST PRIZE.
AFDSEC (V R SIDDARThA) 2ND IN ELECTROMANIA PROJECT EXPO , **CRRE CREATE** 1ST PRIZE IN BASKET BALL.

M.D.V.PRASAD

CRRE - 2ND IN LINE FOLLOWER , 2ND IN CHESS (CREATE)

M.D.S. FARAHAN

AU - 1ST IN LINE FOLLOWER CONDUCTED BY IIT,DELHI
CARE - 1ST IN DOUBLE BADMINTON. COMPETITION
 (CREATE)

N RAMMAYYA CHOWDARY

CRRE -PHYSICS QUIZ 1ST PRIZE. MATHS QUIZ 2ND PRIZE

M. RADHA KRISHNA

CRRE -RUNNER IN VOLLEY BALL

K JAGADEESH

CRRE - 1ST IN VOLLEY BALL COMPETITION

M SARAN CHOWDARY

2ND PLACE IN NETWORKING IBNC HYDERABAD
 1ST IN ROBO RACE IN JNTUK INNOVATION.QUALIFIED IN TEXAS INSTRUMENTS

DEPARTMENT TOPPERS

| III/IV | CGPA | III/IV | CGPA | IV/IVV | CGPA |
|-----------------|------|------------|------|-------------|------|
| P.SUDHEER KUMAR | 9.14 | K.RAMYA | 9.42 | G.SAI ANUJA | 9.35 |
| B.SAI TEJASWINI | 8.68 | K.PRANATHI | 9.4 | G.JASWANTHI | 9.36 |
| | | P.MOWNICA | 9.23 | | |

IETE EVENTS

CREATIVE WRITING



1ST PLACE N.L.SOWJANYA 2/4 CSE
1ST PLACE L.JIGEESHA 2/4 CSE
2ND PLACE LAVANYA 2/4 ECE
2ND PLACE D.ASHOK 3/4 MECH
3RD PLACE N.T. KRISHNA 2/4 CSE

FACEBOOK EVENT



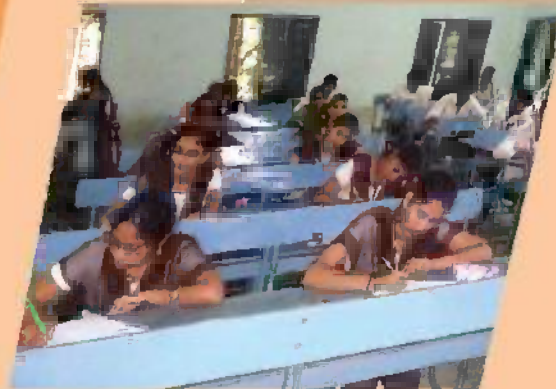
1ST PLACE SK.KARISHMA 3/4 ECE
2ND PLACE S. SAI SRAVANI 2/4 ECE
3RD PLACE A. MANIDEEP 3/4 CSE
3RD PLACE A PRANEETH 3/4 CSE
3RD PLACE CH.DEEPIKA 2/4 CSE

YOUTH PARLIMENT



1ST PLACE B.DURGA RAO 2/4 ECE
2ND PLACE S.HASEENA 2/4 ECE

GROUP DISCUSSION



WINNERS
SRI RAM 3/4 ECE
A. LALITH CHANDRA 4/4 ECE
SINDHUJA 2/4 CSE
HASEENA 2/4 ECE
MOUNI SREE 3/4 MECH
B.DURGA RAO 2/4 ECE

IETE EVENTS

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WINNER
N.VENKATESHWARLU

RUNNER
M.SAI DHARANI DHAR

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G I
O Z**

WINNERS
SRI HARSHA 3/4 ECE
VIMALA 3/4 ECE
KEERTHI 3/4 ECE

RUNNERS
S.EZAZ BHANU 3/4 CSE
SK.NAAZREEN 3/4 CSE
T.S.N MOUNIA 3/4 CSE



WINNERS
HEERAVANI 2/4 ECE
HASEENA 2/4 ECE
SUDHEER 2/4 ECE
KALYANI 2/4 ECE

RUNNERS
M.L. PRASAD 3/4 ECE
K.GOWTHAM 3/4 MECH
E.HARSHITHA 3/4 ECE
A.BHAVYA 3/4 ECE

**D
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B
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PLACEMENTS 2015-2016

312177112010 A. LALITH CHANDRA
 312177112064 K. SRINIVAS
 312177112040 D. DURGA PRASAD
 312177112055 K. NAGA SUREKHA
 312177112086 M. SARANCHOWDARY
 312177112098 M. LAVANYA
 312177112104 M. ROHIT REDDY



312177112128 P. V. SATYA SRI RAM
 312177112129 P. VIDYA SEKHA
 312177112131 P. D. SRI PRASAD
 312177112151 S. SATYA MOUNIKA
 312177112158 T. N. MADHU SARAN
 312177112183 M. HARI SAI



CONSULTING. PEOPLE. ENERGY. BUSINESS.

312177112081 K. BALA SAI
 312177112136 R. JAGADEESH
 312177112049 G. JASVANTHI



312177112093 M. ADARSHA
 312177112095 M. T. UDAYA LAKSHMI
 312177112097 M. SRUTHI MANVITHA
 312177112140 S. RONALDS
 312177112147 S. KOUSHIK BABU

312177112081 K. BALA SAI
 312177112002 A. SRAVYA
 312177112005 A. D. SAMYUKTHA
 312177112050 G. BALA SAI SREE
 312177112058 K. ARUN PRASAD



312177112096 MD. FARHAAN
 312177112117 N. THUSHARA
 312177112140 S. RONALDS
 312177112179 V. REVANTH
 312177112195 B. SAI RAVI TEJA



312177112011 A. YOGENDRA



312177112047 G. SAIRANUJA



MPHASIS
 an HP company

312177112101 M. RADHA KRISHNA
 312177112127 P. NAVYA
 312177112136 R. JAGADEESH

WORKSHOPS AND GUEST LECTURES



GUEST LECTURES



ARDUINO WORKSHOP