

IETE

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

STUDENTS CHAPTER
ELECTRONICS AND COMMUNICATION ENGINEERING

NEWS

VOLUME - 8

LETTER

MAR - 2K19



SIR CR REDDY COLLEGE OF ENGINEERING

Approved by AICTE, NEW DELHI & PERMANENTLY AFFILIATED TO ANDHRA UNIVERSITY
AFFILIATED TO JNTUK, KAKINADA FROM THE A.Y: 2017-18
ELURU - 534 007. W.G.DT. ANDHRA PRADESH

CONTENTS

Introduction

Messages

Staff Achievements

Toppers

Student Achievements

ISF Events

Guest Lectures

Workshops

Placements

Research & Development

Teachers Day Celebrations

Alumni Meet

Art Gallery

TechFest-2k19

Helping Hands

Photo Gallery

ISF Committe



Sri Komma Reddy Ram Babu
President



Dr. V.V. Bala Krishna Rao
Vice-President



Sri K. Rajendra Vara Prasad Rao
Vice-President



Sri N.V.K. Durga Rao
Secretary



Sri A.V. Subrahmanyam
Joint-Secretary



Sri M.D. Ravindranath Choudary
Joint-Secretary



Smt. Maganti Padmavalli Devi
Treasurer

INTRODUCTION

ABOUT ECE:

The department of electronics and communications engineering has been functioning since the beginning of the college i.e ,A. Y .1989-1990 with an intake of 60. Presently the intake of the 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 MTECH 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 IC lab ,communication lab, computer lab, EDC lab ,LIC lab and 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 IETE:

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 and IT.

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

ISF serve as a focal point at the institutions on all aspects of professional development of the student members, ISF is providing the journals of IETE to all it's 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, work shops and exhibitions to develop the knowledge in advanced technologies.

In addition ISF is also conducting programs like TEACHER'S 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



SRI KOMMA REDDY RAM BABU

I deem it a great privilege to be an essential part of this magnanimous institutions. As correspondent of SIR C.R.REDDY COLLEGE OF ENGINEERING. I strongly support the cause of professional courses in the technologically advanced world. Engineering in particular, is a course that demands innovation and logical thinking and subjects are to be learned at the application level. The ultimate aim of engineering as a study is to make human life easy and pleasurable. So, it is duty to hone the talents of young students who join the institution and make them ready for job and ready for life. Every student must be made to remember that in order to survive in the job market governed by cut throat competition. He should be one among the best. The institution must mould the student and give him an edge over others in attaining success.

SIR C.R.REDDY ENGINEERING college proffers the student with good atmosphere with state of the art facilities, distinguished mentors and pleasant educational environment. The institution holds the aces of assuring the employability and communications skills of students. It provides quality education in an environment of discipline, self-dependent and self-confident individual. SIR C.R. REDDY ENGINEERING COLLEGE pulls out all the stoops to mould the students career in such a way that they excel in all nuances of life.



SRI N.V.K. DURGA RAO



SMT. MAGANTI PADMAVALLI DEVI

SIR C.R.R Engineering College proffers the student with good atmosphere with State of the art facilities, distinguished mentors and pleasant educational environment. The institution holds the aces of assuring the employability and communication skills of students. It provides quality education in an environment in an environment of discipline, self -dependent and self-confident individual. SIR C.R.R Engineering college pulls out all the stops to mould the student's career in such a way that they excel in all nuances of life.

Engineers are not only the people who know how to do things right but who know the right things to do. We at 'Sir C. R. Reddy 'try to focus on engineering education to keep pace with mighty changes occurring today in industry, business and society.

We do not believe that effective education can be achieved by what we teach but we base on what our students learn. He ideal learning process is the interaction of students with faculty. Hence it our responsibility t develop the faculty interface.

We encourage and facilitate leadership qualities in our faculty and students. For this engineering students shall develop required attributes and knowledge beyond traditional constraints of class rooms. An engineering student shall realize that he has to create connections and stronger partnerships in the global society in which he is embedded.



Dr. G. SAMBASIVA RAO

H.O.D MESSAGE



A thought that has been enduring in mind when it becomes real; is truly an interesting and exciting experience. This news letter was one such cherished work periodically brought out by IETE Student Forum (ISF), the professional body of ECE department, which is the mouth piece of the department.

The ISF has given a platform for the student members to exchange ideas by organizing /participating technical programs and activities. They would get the benefit out of technical programs conducted under ISF body like special lectures, workshops, seminars, symposia, exhibitions, training programs, project works etc. ISF also encourage team spirit, self-reliance and professionalism among the students of the department.

The greatest asset of the department is its highly motivated and learned faculty making the students technically sound and knowledgeable.

Finally I congratulate the editorial board, ISF executive body members and staff coordinators on bringing this newsletter realistic. I hope that this culture of releasing Newsletter continue forever.

“Education is the most powerful weapon
Which you can use to change the world”

- NELSON MANDELA

STAFF ACHIEVEMENTS



Dr. T. VENKATESWARA RAO
HOD

Electronics and Communication Engineering



Got Elected and took charge as
Chairman of IETE center, Vijayawada



Published a paper on "DESIGN OF
GREGORIAN REFLECTOR FOR IMAGING
IJMTE, November 2018
ISSN No.2249-7455, Vol no: 8



Published a paper on "FPGA BASED
IMPLEMENTATION AND VERIFICATION OF
H.264/AVC ENCODER
IJET, 2018
ISSN No.: 2227-524X, Volume: 8



Published a paper on
"COMPARATIVE ANALYSIS FOR LEAD
FREE PIZEO ELECTRIC MATERIAL FOR
ULTRASONIC GLUCOSE SERIES"
CITAES, MAY 2018



Dr.P.H.S.TEJO MURTHY
Professor



Ch. RAVI KUMAR
Asst. Professor



Published a paper on "HARD DECISION
DECODING PERFORMANCE IMPROVED
USING TURBO PRODUCT CODES
International Journal of Engineering and
Technology, 2018
ISSN No.: 228-231, Volume : 7



R. SATISH
Asst. Profesor

STAFF ACHIEVEMENTS

- Published a paper on "EFFICIENT APPROACH FOR NON-IDEAL IRIS SEGMENTATION USING IMPROVED PSO BASED MULTILEVEL THRESHOLDING AND GACs"
- Published a paper on "AN EFFICIENT METHODS FOR SEGMENTATION OF NON-IDEAL IRIS IMAGES USING OPTIMIZATION BASED MORPHOLOGICAL RECONSTRUCTED FCM"(MRFCM)
IJET 2018, Scopus indexed
- Published a paper on "A NEW APPROACH FOR NON-IDEAL IRIS SEGMENTATION USING FCM BASED ON PSO"
AJEAT (UGC Approved)
2018 - Volume:7
- Published a paper on "STATE OF ART IRIS SEGMENTATION METHODS: A SURVEY"
IJCE (ESCI & UGC Approved)
2018 - Volume:6
- Published a paper on "A NOVEL SEGMENTATION METHOD FOR NOISY AND NON-CIRCULAR IRIS IMAGES
IJCVR INDERSCIENCE 04 September 2018
Free Scopus
- Published a paper on "AN EFFICIENT METHOD FOR NON-IDEAL IRIS IMAGES USING OPTIMAL MULTI LEVEL THRESHOLDING"
JST 28 June 2018, Free scopus
- Published a paper on "A NEW APPROACH FOR RECOGNITION OF NON-IDEAL IRIS IMAGES"
JESTR, 23 Jan 2018 - Scopus indexed

STAFF ACHIEVEMENTS



K. MIRANJI
Asst. Profesor

Received "Baratha Siksha Ratna Award" Constitution Club Of India, New Delhi in Aug 3, 2018

Got 9th rank in Entrance Exam of Polytechnic in 2002

Got 4th rank in PGECET in 2008

Got gold medal in National Karate Do Championship – 2013 organized by Shito Ryu International karate Do Academy on 15.12.2013 (sparing)

Got Gold medal National Karate–Do/All styles open championship-2010 organized by Shito Ryu International karate Do Academy on 28.11.2010 (team Kata)

Got Gold medal National Karate –Do/All styles open championship -2010 organized by Shito Ryu International karate Do Academy on 28.11.2010 (Weapon kata – stick)

Got silver medal in 9th state invitational karate & kung-fu all styles championship 2010 organized by KEN-EI-MABUNI SHITO RYU KARATE School of Andhra Pradesh on 07.11.2010 (sparing)

Got Gold medal in 2nd National Karate and Kung-fu all styles championship -2009 organized by POWER KING BUDOKAN KARATE CLUB, INDIA on 20-09-2009.

Topper in NPTEL course on MEMS fabrication, iisc banglore.

STAFF ACHIEVEMENTS



D. AJAY KUMAR
Asst. Profesor



Published a paper on "IMPLEMENTATION OF BIDIRECTIONAL BLUE-FI GATEWAY IN IOT ENVIRONMENT"

IJSSIS, December 2018 (UGC approved)

ISSN NO.: 5.87, Volume: 5 : Scopus indexed



Published a paper on "IMPLEMENTATION OF BIDIRECTIONAL BLUE-FI GATEWAY IN IOT ENVIRONMENT, IJET, 2018

ISSN No.: 2227-524X, Volume: 7

Scopus indexed

Published a paper on "CONCEDE THRESHOLD ANALYSIS FOR LOGIC GATE DESIGNS"

IJMTE - October 2018 : ISSN No: 2249-7455,

Volume: 8



P. HAREESH
Asst. Profesor



Published a paper on "STUDY OF HYBRID RF/FSO SYSTEM TO ENHANCE EFFECTIVE RANGE IN A NEAR -FAR SCENARIO "

Springer's CCIS series, (YET TO BE PUBLISHED)



Published a paper on "POWER CONTROL IN CDMA USING MOTDPC ALGORITHM"

International Journal of Engineering Technologies and Innovative Research

December 2018 (UGC Approved)

ISSN No.: 2349-5162, Volume: 5



K.J.S. LORRAINE
Asst. Profesor

STAFF ACHIEVEMENTS



CH. JAYA PRAKASH
Asst. Profesor

- Published a paper on "AREA OF DELAY EFFICIENT DESIGN FOR PARALLEL PREFIX FINITE FIELD MULTIPLIER"
IJMTE, October 2018 (UGC approved)
ISSN No. 2249-7455, Volume: 8

- Published a paper on "VARYING OPERATING FREQUENCY OF CONCENTRIC CIRCULAR RING PATCH ANTENNA USING HIGH IMPEDANCE SURFACE"
International Journal of Engineering and technology, September 2018 (UGC approved)
Vol: 7, ISSN: 3.29 : Scopus indexed



G. SRILATHA
Asst. Profesor



V.RANJITH KUMAR
Asst. Profesor

- Published a paper on "DESIGN AND DEVELOPMENT OF SMART ENERGY METER FOR EFFECTIVE USE OF ELECTRICITY IN IOT APPLICATIONS"
IJET, 2018 : Scopus indexed

- Published a paper on "High speed AES S-BOX/INB DESIGN WITH S.R & M.C TECHNIQUE"
International Journal of Research(IJR)
JULY 2018, (UGC Approved)
ISSN No.: 2348-6848 : Volume: 5



K.RADHA
Asst. Profesor

STUDENTS ACHIEVEMENTS OUT OF COLLEGE

EVENT : **PPT [ECENTRIX]**

Held at : **JNTU NARASARAO PET .**

Runners : **Sk. Husna Sabiha** Regd No. 316177112148
P. Sai Lallitha Regd No. 316177112124

EVENT : **PPT[TRANCE 2K19]**

Held at : **SRKR, Bhimavaram**

Winners : **P. Chandra kalyani** Regd No. 316177112136
S. Viswa Chandrika Regd No. 316177112145

EVENT : **EENADU CRICKET TOURNMENT**

Held at : **KGRL College, Bhimavaram**

Runners : **I. Charan Teja Reddy** Regd No.316177112057

EVENT : **TECHNICAL QUIZ**

Held at : **NRI COLLEGE OF ENGINEERING,ELURU .**

Winners : **A.A.Prasanna Kumar** Regd No. 31517112008

EVENT : **MISS ABHIRUCHI**

Conducted by : **ETV CHANNEL**

Winners : **M.K.S.Pavitra** Regd No. 315177112104

TOPPERS LIST ECE

Name	Regd.No.	Year	CGPA
A. Malathi	315177122007	4/4	8.53
B. Kalyani	315177122029		8.52
G. Veera Hema	315177122058		8.52
B. Akhila	315177122020		8.47
K. Vani	315177122072	4/4	8.65
N. Venu Madhavi	315177122116		8.62
B. Vinay Vamsi	315177122198	4/4	8.19
Sai Lalitha	315177122134		8.64
V. Ramya	315177122161		8.61
Y. Chakravarthy	315177122174		8.36
G. Sumi Sowjanya	316177112050	3/4	8.62
D. Jyothi	316177112035		8.61
B. Ramya	316177112010		8.54
K.S.S. Vasantha Lakshmi	316177112084	3/4	9.07
M. Bhavana	316177112099		9.06
M. Mounika	316177112096		8.78
Sk. Husna Sabiha	316177112148	3/4	8.54
P. Chandra Kalyani	316177112136		8.24
T. Praveen Kumar	316177112155		8.22
D. Pravallika	17B81A0434	2/4	9.50
K. Adhi Lakshmi	17B81A0455		9.00
A. Anil Kumar	17B81A0405		8.80
N.Thusharavinda	17B81A04A1	2/4	9.13
M. Deepika Chowdary	17B81A0485		8.88
M. Sai Shivani	17B81A0480		8.75
Sk. Anjuma	17B81A04D8	2/4	9.17
U. Vishnu priya	17B81A04F9		9.00
T. Vineeth Kumar	17B81A04H6		9.00
P. Chandrika	17B81A04C2		9.00
P. Dakshayani	17B81A04C4		9.00
R. Jayanth	17B81A04C8		8.79



**KEEN
WITTY**

Technical Quiz



**IETE
STUDENT
FORUM**




IETE STUDENT FORUM
 Sir C.R.Reddy College of Engineering
 Eluru - 534007, Ph. No. - (08812) 230840
 03/12/2018

TODAY'S ELATE-15
 "Happiness is not the absence of problems.
 It's the ability to deal with them."
 P.M.Murthy SVS Gupta
 (2/4 ECE)

<https://www.facebook.com/IETE.CRRU>


IETE STUDENT FORUM
 Sir C.R.Reddy College of Engineering
 Eluru - 534007, Ph. No. - (08812) 230840
 18/12/2018

TODAY'S ELATE-20
 "Dream higher than the sky
 Deeper than the ocean"
 Mulkesh
 (2/4 ECE)

<https://www.facebook.com/IETE.CRRU>


IETE STUDENT FORUM
 Sir C.R.Reddy College of Engineering
 Eluru - 534007, Ph. No. - (08812) 230840
 27/12/2018

TODAY'S ELATE-23
 "We know what we are,
 But not what we may be."
 T.L.Bhuj
 (2/4 ECE)

<https://www.facebook.com/IETE.CRRU>
 INSTAGRAM: iete_err


IETE STUDENT FORUM
 Sir C.R.Reddy College of Engineering
 Eluru - 534007, Ph. No. - (08812) 230840
 20/12/2018

TODAY'S ELATE-21
 "Aim for the moon.
 If you miss, you may hit a star"
 R.S.Manoj Kumar
 (2/4 ECE)

<https://www.facebook.com/IETE.CRRU>
 INSTAGRAM: iete_err


IETE STUDENT FORUM
 Sir C.R.Reddy College of Engineering
 Eluru - 534007, Ph. No. - (08812) 230840
 15/12/2018

TODAY'S ELATE-19
 "You can't live a positive life
 With a negative mind"
 P.Padma
 (2/4 ECE)

<https://www.facebook.com/IETE.CRRU>


IETE STUDENT FORUM
 Sir C.R.Reddy College of Engineering
 Eluru - 534007, Ph. No. - (08812) 230840
 24/12/2018

TODAY'S ELATE-22
 "The past cannot be changed.
 The future is yet in your power."
 P.Dakshinam
 (2/4 ECE)

<https://www.facebook.com/IETE.CRRU>
 INSTAGRAM: iete_err

TODAYS ELATE



COLOURS OF INDIA

CODE FORGE



IETE
Student Forum



og Design





Engineers Eye





GATE

**Mock
Test**





RIGHT TO VOTE



SIR C R REDDY COLLEGE OF ENGINEERING
ISF - IETE STUDENT FORUM

HAPPY REPUBLIC DAY

AWARENESS ON
RIGHT TO VOTE

MY VOICE
MY VOTE
MY RIGHT

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING





REFRESHER COURSE ON PROGRAMMING



By
Kishore babu
SoftwareTrainer, CMT

A Guest Lecture On Recent trends in space technology & navigation aids for aviation

by

Dr. Ch. Mahesh, Sr. Manager,
CNS, Airport authority of India, Hyd



GUEST LECTURE ON REAL TIME APPLICATIONS ON SIGNALS & SYSTEMS

BY
G.SANTHOSH KUMAR



ARDUINO WORKSHOP



BLUDROID WORKSHOP



SCILAB WORKSHOP



RESEARCH & DEVELOPMENT

COMMITTEE MEMBERS



Dr.PHS.Tejo Murthy
Profesor



K.Miranji
Asst. Profesor



A.Vamsi Krishna
Asst. Professor

BODY MEMBERS

4th Years

M.V.Raja sekhar
CH.Ragu ram
M.Naveen sai
M.Anirudh
M.V.Gopi reddy
G.Satish
V.Ramya
S.V.Rajeswari
Kasi Viswanadh
K.Vijay

V.V.M.Bharadwaj
U.Veerababu
S.Dileep Reddy
S.Zenith
Sandeep Behra
K.Rishith
P.Bharat
S.Surya Teja
Avinash
Chaitanya
Vasantha
Pavani
Tejasri

3rd Years

Bhargavi
Revathi
Prasanna
Haritha
Hanumatha Rao
Viswa Chandrika
Husna Sabiha
Divya

PLACEMENTS

2018 - 2019



12

08

Infosys®



02

02

TESSOLVE



16

05

KJ systems

Justdial
India's No. 1 local search engine

02



PLACEMENTS

2018 - 2019



05

08



01

07



01

TOTAL 69

STILL COUNTING...



PLACEMENTS

2018 - 2019



05

08



Cognizant



01

07

IBeOn

HCL

01

TOTAL

69

STILL COUNTING...

TEACHERS DAY

CELEBRATIONS....



ALUMNI MEET

29-12-18





POLAVARAM VISIT



HELPING HANDS



TECH FEST 2K19 BROUCHER LAUNCHING



TECH FEST 2K19 - EVENTS





PASSED OUT BATCH 2015-19



IETE FORUM 2018-19



COMMITTEE MEMBERS OF IETE



EXECUTIVE BODY MEMBERS OF IETE

