

# 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

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ISF Committe



Sri Kamanna Reddy Ram Babu  
President



Dr. V. V. Balu Krishna Rao  
Vice President



Sri. K. Rajendra Vara Prasad Rao  
Vice President



Sri. N. V. K. Durga Rao  
Secretary



Sri. A. U. Subrahmanyam  
Joint Secretary



Sri. M. D. Kesavaiah 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**

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.



**SMT. MAGANTI PADMAVALLI DEVI**

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




## STAFF ACHIEVEMENTS



**R. SATISH**  
Asst. Profesor

Electronics and Communication Engineering

-  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 PGCET 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



**K.J.S. LORRAINE**  
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

## STAFF ACHIEVEMENTS



**CH. JAYA PRAKASH**

Asst. Profesor



Published a paper on "AREA OF DELAY EFFICIENT DESIGN FOR PARALLEL PREFIX FINITE FIELD MULTIPLIER"

IJMT, 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. Pravalika	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**






**BIT STUDENT FORUM**  
 BIT C.R. Reddy College of Engineering  
 Date - 03/07/2018 Pk No - 08012, 08004  
 04/12/2018  
**TODAY'S ELATE-18**  
 "Appreciate in our the abundance of problems  
 Its the ability to deal with them"  
 @bitstudentforum  
<http://www.facebook.com/BEITFCR>


**BIT STUDENT FORUM**  
 BIT C.R. Reddy College of Engineering  
 Date - 03/07/2018 Pk No - 08012, 08004  
 04/12/2018  
**TODAY'S ELATE-20**  
 "Don't judge from the sky  
 Except from the ground"  
 @bitstudentforum  
<http://www.facebook.com/BEITFCR>


**BIT STUDENT FORUM**  
 BIT C.R. Reddy College of Engineering  
 Date - 03/07/2018 Pk No - 08012, 08004  
 04/12/2018  
**TODAY'S ELATE-21**  
 "We know what we are,  
 But not what we may be."  
 @bitstudentforum  
<http://www.facebook.com/BEITFCR>


**BIT STUDENT FORUM**  
 BIT C.R. Reddy College of Engineering  
 Date - 03/07/2018 Pk No - 08012, 08004  
 04/12/2018  
**TODAY'S ELATE-15**  
 "Aim for the moon,  
 If you miss, You may hit a star"  
 @bitstudentforum  
<http://www.facebook.com/BEITFCR>


**BIT STUDENT FORUM**  
 BIT C.R. Reddy College of Engineering  
 Date - 03/07/2018 Pk No - 08012, 08004  
 04/12/2018  
**TODAY'S ELATE-19**  
 "You can't live a positive life  
 With a negative mind"  
 @bitstudentforum  
<http://www.facebook.com/BEITFCR>


**BIT STUDENT FORUM**  
 BIT C.R. Reddy College of Engineering  
 Date - 03/07/2018 Pk No - 08012, 08004  
 04/12/2018  
**TODAY'S ELATE-17**  
 "The past cannot be changed,  
 The future is yet in your power"  
 @bitstudentforum  
<http://www.facebook.com/BEITFCR>

# 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 - JETE STUDENT FORUM

 **HAPPY REPUBLIC DAY**

**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

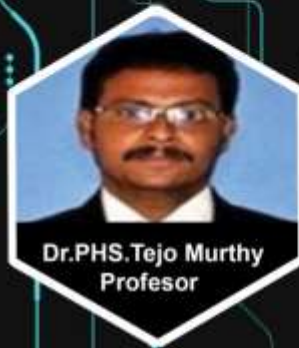


# SCILAB WORKSHOP



# RESEARCH & DEVELOPMENT

## COMMITTEE MEMBERS



Dr.PHS.Tejo Murthy  
Profesor



K.Miranji  
Asst. Profesor



A.Vamsi Krishna  
Asst. Profesor

## 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



Justdial

02

# PLACEMENTS

2018 - 2019



05

08



Cognizant



01

07

IBeOn



01

TOTAL

69

STILL COUNTING...



# TEACHERS DAY

CELEBRATIONS....





# ALUMNI MEET

29-12-18







# POLAYARAM VISIT



# HELPING HANDS





# TECH FEST 2K19 BROUCHER LAUNCHING



## TECH FEST 2K19 - EVENTS



# Art GALLERY







**PASSED OUT BATCH 2015-19**



**IETE FORUM 2018-19**



# COMMITTEE MEMBERS OF IETE



## EXECUTIVE BODY MEMBERS OF IETE

