

HE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEER

Student's Chapter

Electronics and Communication Engineering

NEWS LETTER

VOLUME-7 21st March-2k18

OEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING



SIR CRR COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Permanently Affiliated to Andhra University,

Affiliated to INTUK Kakinada

Eluru-534007. W.G.Dt. Andhra Pradesh



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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.

Shoot the frame

Turn the plate

Pragna

Project Expo

Scrambled

Creative Writing

Messages



I deem it a great privilege to be an essential part of this magnanimous institution. 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 learnt at the application level. The ultimate aim of engineering as a study is to make human life easy and pleasurable. So, it is our duty to hone the talents of the 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.

Sri Komma Reddy Ram Babu

President-sir C.R.R Educational Institutions Correspondent-Sir C.R.R.C.O.E

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 of discipline, self-dependent and self-confident individual. SIR C.R.R Engineering College pulls out all the stoops to mould the student's career in such a way that they excel in all nuances of life.



Sri.N.v.k.Durga rao Secretary



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Smt. Magantti 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. The ideal learning process is the interaction of students with faculty. Hence it is our responsibility to 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 MINGD WHEN IT BECOMES REAL; IS TRULY AN INTRESTING 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 MOUNT PIECE OF TE DEPARTMENT. THE ISF HAS GIVEN A PLATFORM FOR THE STUDENT MEMBERS TO EXCHANGEIDEAS BY ORGANIZING/PARTICIPATING TECHNICAL PROGRAMS AND ACTIVITIES. THEY WOULD GET THE BENIFIT OUT OF TECHNICAL PROGRAMS CONDUCTED UNDER ISF BODY LIKE SPECIALL LECTURES, WORKSHOPS, SEMINARS, SYMPOSIA, EXHIBITIONS, TRAINING PROGRAMS, PROJECT WORKS ETC., ISF ALSO ENCOURAGE TEAM SPRIT, SELF RELIANCE AND PROFESSIONALISM AMONG THE STUDENTS OF THE DEPARTMENT.

THE GREATNESS ASSET OF THE DEPARTMENT IS ITS HIGHLY MOTIVATED AND LEARNED FACULTY MAKING THE STUDENTS TECHNICALLY SOUND AND KNOWLEDGE.

FINALLY I CONGRATULATE THE EDITORIAL BOARD, ISF EXECUTIVE BODY MEMBERS AND STAFF COORDINATORS ON BRINGING THIS NEWS LETTER REALISTIC. I HOPE THAT THIS CULTURE OF REALEASING NEWSLETTER CONTINUE FOR EVER.

EDUCATION IS THE MOST POWERFUL WEAPON
WHICH YOU CAN USE TO CHANGE THE WORLD"

-NELSON MANDELA

STRFF/ RCHEIVEMENTS

DR.T.VENKATESWARA RAG HOD-ECE PUBLISHED A PAPER ON "DESIGN OF 4 ELEMENT PRINTED ANTENA FOR ULTRA WIDE BAND APPLICATIONS"

PUBLISHED A PAPER ON "NOVAL TECHNIQUE OF MIMO ANTEENA DESIGN FOR UWB APPLICATIONS USING DEFECTIVE GROUND STRUCTURE IN JOURNAL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, VOL-77(CSIR)

PUBLISHED A PAPER ON 'DESIGN OF FLAG SHAPED 3-ELEMENT ARRAY ANTEENA FOR DIRECTIVE RADIATIN IN KU-BAND APPLICATIONS' IN JOURNAL OF SPACES-2018 (IEEE CONFERENCE PAPER)

Published a paper on "performance analysis of target classification in Synthetic aperture Radar (SAR) Images using wavelet and neural networks" in IJSETR, Vol-4 Journal

l.Hemalatha M.Tech Associate Professor

K.Lakshminarayana M.Tech Sr. Assistant Professor Published a paper on "An efficient and reliable fingerprint matching authentication by FFT" in IJSETR, Vol-4 Journal

Published a paper on

"A Novel decomposition framework for image denoising algorithm." in International Journel of Research(UGC Approved), Vol-4 Journal.

R.Satish M.E Assistant Professor

D.Ajay Kumar M.Tech Assistant Professor *Published a paper on "Implementation of Bi-directional Blue-Fi gate way in IOT environment" in IJSSIS, Scopus index

*Published a paper on "Implementation of content addressable memory based on sparse cluster network using load store queue technology." in IJPRE. Vol-4

Published SCI journal on "EPILEPTIC SEIZURES CLASSIFICATION IN EEG SIGNAL BASED ON SEMANTIC FEATURES AND VARIATIONAL MODE DECOMPOSITION." In Springer Journal.

Publisheptic d SCOPUS Indexed paper on "EPILEPTIC SEIZURES PREDICTION USING HYBRID FEATURE SELECTION." in JATIT Journal, Vol-95

M.Ravi Kumar M.Tech Assistant Professor

P.Hareesh M.Tech Assistant Professor Published a paper on "Latency optimized square and cube architecture using Vedic sutras." in IJSETR. Vol-4 Journal.

Published a paper on "TURBO CODES IN AMC SYSTEMS FOR BLIND IDENTIFICATION." in IJECIERO, Vol-4 Journal.

Ch.Ravi kumar M.Tech Assistant Professor

Published a paper on "NYQUIST TRANSMITTION IMPROVED BY MULTIPLE TURBO PORTS." in IJECIERO, Vol-4 Journal

STRFF/ RCHEIVEMENTS

Ch.Jaya Prakes M.Tech Assistant Professor Published a paper on "An advanced and low power LBIST for cryptographic applications." in IRD, Vol-4 Journal.

Published a paper on "A Novel approach of information sending using MOSAIC concept." in IJSETR, Vol-4 Journal.

G.SrilathaM.Tech Assistant Professor

P.Sasi Bala M.Tech Assistant Professor

Published a paper on "Detection and correction of multiple cell upsets in static RAM'S using Decimal Matrix code." in GJTE, Vol-2 Journal

Published a paper on "Design and implementation of AMBA AXI to AHB Bridge." in IJSRD, Vol-3 Journal.

Published a paper on "RTL level CED and correction technique with run time adaptability." in IJEEE, Vol-3 Journal.

A.Ram Kumar M.Tech Assistant Professor

P.Sowmithri M.Tech Assistant Professor

Published a paper on "Low power and high speed conditional push-pull pulsed latches." in IJERECE, Vol-1 Journal

Published a paper on "LAN based on MEMS capacitor and SPIRAL inductor." in IJAREEIE, Vol-4 Journal.

Published a paper on "FPGA implementation of Inversible Watermarking using Lifting based DWT for security analysis." in IJAREEIE, Vol-4 Journal.

SK.Rahimunnisha M.Tech Assistant Professor

STUDENT ACHEIVEMENTS

Mister & amp; Miss AP" at Vijayawada Lotus Park- 314177112109- IV/IV B-Sec, P.VISHNU PRIYA - Won Best Catwalk & amp; Runner-3 26/12/2017 to 29/12/2017 & amp; 18/01/2018

INTERNATIONAL SHOTOKAI KARATE-DO CHAMPIONSHIP 2017 in Amritsar, Punjab (INDIA). 28-07-2017 to 30/07/2017-3151772109-Mirza. Hashmath Baig-3 rd place

DIVISIONAL LEVEL YOUTH FESTIVAL COMPETITIONS Organized By Department Of Youth Services, Setwel, W. G. Dist, Eluru-316177112020, B.K.V Adhitya, 1 st place in Mrudangam on 7/10/17

JAPAN SHOTOKAI KARATE-DO KANNINJUKU NATIONAL OPEN CHAMPIONSHIP
2017", in Eluru, A.P.- 3151772109 - Mirza: Hashmath Baig-1 st place-14&15/10/2017

DEPARTMENT TOPPERS

IV/IV

P.SudheerKumar-8.89 P.J.S.Lakshmi-8.58

III/IV

K.Vani-8.85 N.Venu Madhavi-8.85 V.Ramya-8.77 II/IV

K.S.S.Vasantha lakshmi-9.2 M.Bhavana-9.11

I/IV

N.Triveni G.Sai Priyatham

IETE EVENTS



PRAGNA:

1ST PRIZE: S.HASEENABHANU -4/4 ECE 2ND PRIZE:P.SANTHI SWAROOP -3/4 MECH 3RD PRIZE: V.AMRUTHA VARSHINI-3/4 IT

SHOOT THE FRAME:

1ST PRIZE: K-JAYA ADITHYA (315177110062)-3/4 CSE

2ND PRIZE: MALLI CHEETHIRALA (315177112037)-3/4 ECE

3RD PRIZE: S.RAGAVEENDRA -3/4 EEE



CREATIVE WRITING:

IIST PRIZE: 1. HARSHITHA -3/4 ECE

2ND PRIZE: V-SREECHANDANA-3/4 ECE

3RD PRIZE: SK-AUSNASABIHA-2/4 ECE

COLOURS OF INDIA:

IST PRIZE: B.SAI SUDHA-3/4 ECE

2ND PRIZE: K-REVATHI -3/4 CSE

3RD PRIZE: TATTERUNISABECUM -2/4 ECE



IETE EVENTS



TURN THE PLATE:

1 ST PRIZE: B.K.V.ADITYA (316177112020)-2/4 ECE

2 ND PRIZE: KOUSER PARVEEN

(314177112081)-4/4 ECE

3 RD PRIZE: KMR VEENA

(316177112067)-2/4 ECE



SCRAMBLED:

1ST PRIZE:

B·KISHORE -4/4 ECE

K·GEETH KUMAR-4/4 ECE

M·SHARLIN ANGEL-4/4 ECE

P·HARSHVITHA -4/4 ECE

P·PRAVEENA -4/4 ECE

K·LEELA-4/4 ECE

2ND PRIZE:

T-VIJAYAVANI -3/4 ECE

SD-KHATIJA -3/4 ECE

V-SOWMYAJA3/4 ECE

K-L-DEVIKA -3/4 ECE

KMR VEENA -2/4 ECE

N-LELLA PRIYA -4/4 ECE

K-LAKSHMI TULASI -4/4 ECE

KOUSER PARVEEN -4/4 ECE

M-VIJAYA LAKSHMI -4/4 ECE

3RD PRIZE:

A·PRASANNA KUMAR -3/4 ECE T·SUNNY -3/4 ECE S·AMRUTH -3/4 ECE SK·JANI BASHA -3/4 ECE S·DILEEP-3/4 ECE

Colours INDIA

During INDEPENDENCE DAY Celebrations 2017, IETE Studenet Forum has conducted an event "Colours Of India". Many students from various departments has participated in this event.



project expo шinners

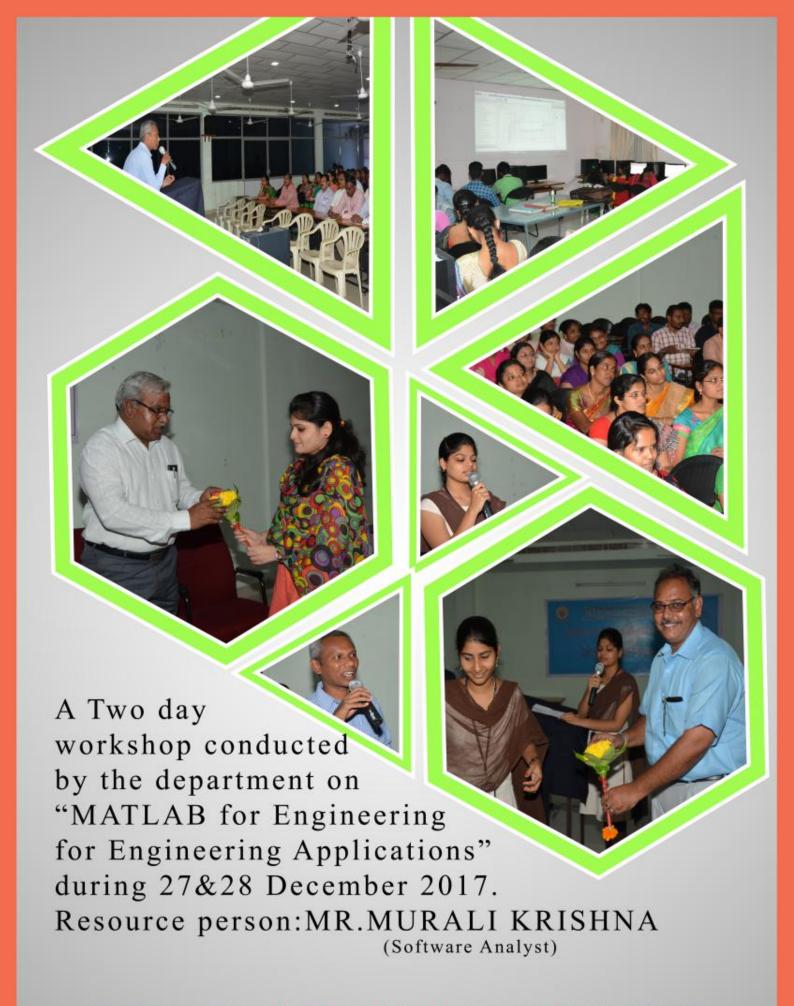
First place S Kasi Viswanadham G Sateesh M Gopi Reddy Murali Mahesh

Second place
LRVD Nagasai
Ch Pavan Kumar
O Sai Harini

WORKSHOPS

LIST

Dates	EVENT	Name of the seminars/conferences/workshops
3 rd & 4 th AUG-2017	Workshop	GRAPHICAL SYSTEM DESIGN USING Lab-VIEW
21st to 22nd Sep 2017	Workshop	Design thinking workshop
7th & 8th Oct 2017	Workshop	Workshop on FPGA based system design using VERILOG
9th to 12th Oct 2017	Workshop	Workshop on ARM & Raspberry-pi
5th to 14th Oct 2017	Workshop	Arduino
16th to 24th Oct 2017	Workshop	Introduction to Embedded Systems
23 rd to 25 th Oct 2017	Workshop	SCILAB FUNDAMENTALS
1st Nov 2017	Guest Lecture	Career Guidance & Importance of GATE"
27th & 28th Dec 2017	Workshop	Signal Processing & Image Processing Applications using MATLAB
5 th Jan 2018	Guest Lecture	IOT in Smart cities (Guest Lecture)
22/1/2018 to 24/1/2018, 31/1/2018 to 2/2/2018	Workshop	HFSS workshop
6th Mar-2018	Guest Lecture	Electronics Warfare



MATLAB WORKSHOP

TECH FEST 2018



EXCELLED WITH 50+ EVENTS HOSTED FOR 850+ PARTICIPANTS









ELECTRONICAL 2KIB



PLACEMENTS 2017-2018

KJ SYSTEMS

314177112101 - NEERUKONDA LEELA PRIYA 314177112161 - VADAPALLI V M N S B PRAVALLIKA 314177112207 - YANAPU PUSHPA SHANVITHA

VEE TECHNOLOGIES

314177112013 - BEESETTY. YASHO SOUNDARYA

314177112029 - CHIMATA AVINASH

314177112060 - INELLI.RAMYA

314177112063 - KALIMI GEETH KUMAR

314177112064 - KANAKAMEDALA LAKSHMI TULASI

314177112066 - KANDI SANKARA RAO

314177112081 - KOUSER PARVEEN

314177112087 - MADHU VARSHA BHUPATHIRAJU

314177112088 - MAKIREDDY VENKATA VIJAYA LAKSHMI

314177112101 - NEERUKONDA LEELA PRIYA

314177112115 - HARSHITHA PECHETTY

314177112136 - SAYYAD . JANI HASEENA BHANU

314177112145 - SURAPANENI LAKSHMI SIVA SANTOSH

314177112165 - VEMULA LAKSHMI TANUJA

314177112207 - YANAPU PUSHPA SHANVITHA

PLACEMENTS 2017-2018

CATTAIN

314177112121-POTTI BHARAT KUMAR 314177112142-SHAIK.SALMA BHANU 314177112154 -TETAKALA YAMUNA DEVI 314177112136 -SAYYAD . JANI HASEENA BHANU

WESTLINE SHIPPING

314177112008 -ANNEM VEERA VENKATA PRAVEEN KUMAR

314177112023 -RATAN SAI CHALLAGOLLA

314177112040 -DEVANABOYINA MANEESH

314177112044 -GANGADHARA PAVAN EEDPUGANTI

314177112056-GUNDABATHULA VENKATA GOWTHAM

314177112057 -G.VIJAY KUMAR

314177112078 -K.KOTESWARARAO

314177112080 -KOTHURI.SAIRAM

314177112085-LOYA.UMAMAHESH

314177112090-MANDA VIJAYDEEP

314177112091-MANDELA SRINIVAS SAIRAM PRANEETH

314177112106 -ORUGANTI.DHANUNJAYA

314177112125 -VIJAY KUMAR PULAPARTHI

PLACEMENTS 2017-2018

WESTLINE SHIPPING

314177112138 -SHAIK.GHOUSE UL AZAM DASTAGEER

314177112145-SURAPANENI LAKSHMI SIVA SANTOSH

314177112166 -VEMURI V.N.P.SAI SRIKRISHNA SUDHEER

314177112180 -SIDDAGANI.VENKATESH

314177112184 -BARLA HARI BABU

314177112205 -KILLADA BHARGAVA NAIDU

314177112215 -DOKKU.AYYAPPA SWAMI

SHAMGAR SOFTWARE SOLUTIONS

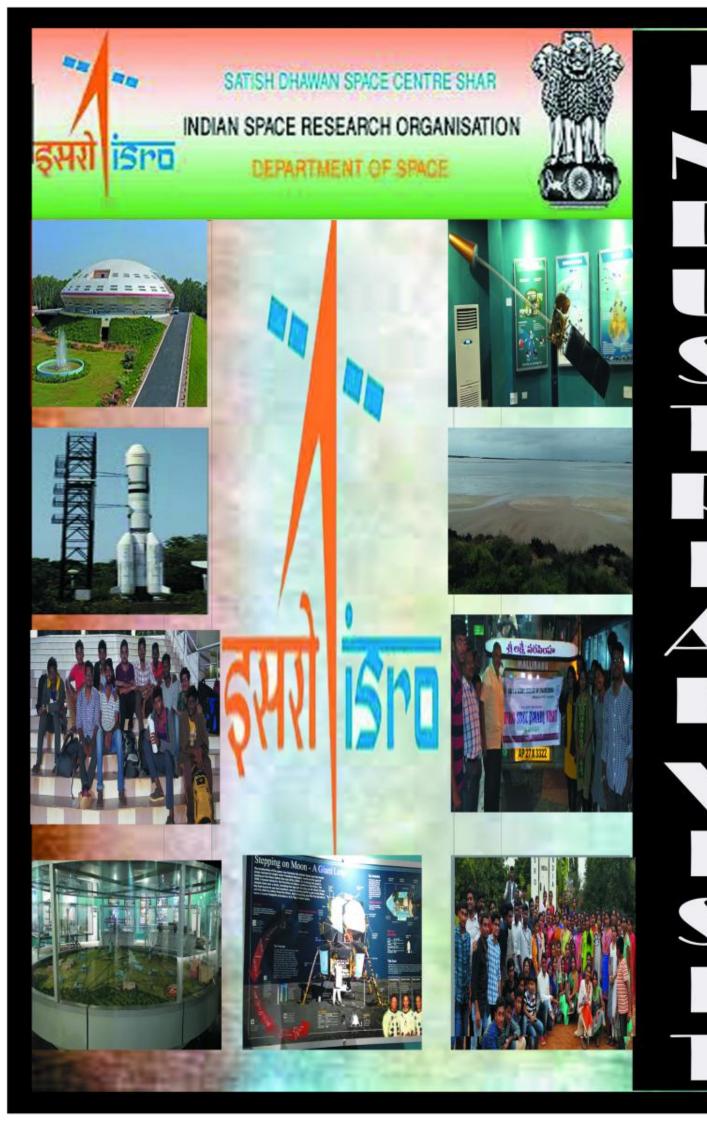
314177112063-KALIMI GEETH KUMAR 314177112205-KILLADA BHARGAVA NAIDU

GATE RANKERS

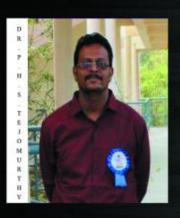
RANK

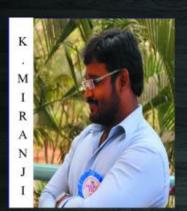
M.TANMAI SWATHI-4284

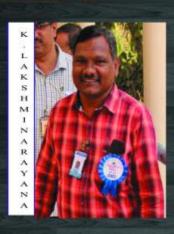
AKASH KUMAR-9168

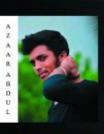


COMMITEE MEMBER



















































COMMITTE MEMBERS OF EHC



DR.P.H.S.TEJDMURTHY



K.MIRANJI



A.VAMSI KRISHNA





KLAKSHMI NARAYANA

BODY MEMBERS OF EHC



ABDUL.AZAAR



SYED.KHALID AHMAD



BHARGAV NAIDU





P.NAGA SA





ALLURI.PRASANNA



RAGHU RAM PAVAN



G.BHARGAVI



A.SIRISHA



V.SIRISHA











V.PRAVALLIKA













GNITING YOUNG MINDS

"A large number of scientists and engineers leave this country at their first opportunity to earn more money abroad. It is true that they definitely get greater monetary benefits, but could anything compensate for this love and respect from one's own countrymen?"

"The country doesn't deserve anything less than success from us. Let us aim for success"."

A.P.J. ABDUL KALAM

"The core of what Google is about is bringing information to people."



EENAUL TUURNAMENT DIETRICT WINNERS ERREDUY FEST WINNERS EHERERV NAIDU BATALITY SURESH NAIDU SERNYASI NAIDU SERNYASI SERNYASI SERIJIII RI REME SIVE LINEEM HUP E CHRIU CHEREN RE E RAJKUMFR A HZM H U S. JANI HASEENA BANU TR T.YAMUNA DEVI M NIKESH SK. KHRMRUNNISH BEGUM CR REDDY COLLEGE FEST 2017 R N U. LAVANYA K. B. BHUVANESWARI BROWINTON WINNER ND V. YEMINI B. SWATHI PHANI SREE. B.HIMREINDU. D. SWETHA B. SPRNORNA

Photo Gallery





PHOTO GALLERY



Committee members of IETE



K L Narayana Chairman



R Satish Staff Co-ordinator







Executive Body Members of IETE



V.Sireesha (president)



N.Rozar (VicePresident)



S.Sai Sravani (VicePresident)



P.Supriya (Treasurer)



I. Haripriya (Secretary)



M.Anirudh (JointSecretary)



S.Rajeswari



L. NAGA SAI (DESIGNER)



P.Vishnu Priya (Active Member)



M. VIJAY DEEP (Active Member)



P.Praveena (Active Member)



V.Kushal (Active Member)



P.J.Sai Lakshmi (Active Member)



A.Sruthi Sri



V. Vamsi



P. Manvitha



K.Bhargava Naidu



M.Rukhmini



L.RAGHU RAM (Active Member)



ABDUL AZAAR (DESIGNER)



Sd.Khalid Ahmed



A.Malathi



M.Ramana



K.Vijay (Active Member)



K.Mrudhula (Active Member)



M.Jayanth Kumar (Active Member)



S.Kasi Viswanadham (Active Member)



T.Mounika Reddy



V. Praveen



(Active Member)



A.Sai Srujana



C.Nikil Avinash



T.Sailesha



T.Ashika



P.SAI LALITHA (Active Member)



K. PRIYANKA (Active Member)



U. VEERA BABU (Active Member)



L. PAVANI (Active Member)



J.Kavya Sree



D.V. GAYATRI (Active Member)