

Faculty Achievements:

- Dr. SK.Mahaboob basha ,Prof published a paper titled“ Design of security robot in night vision using wireless video cameras & ultra sonic sensors,, A Novel Implementation of Android based Wireless key ACDA System for Autonomous vehicles using CAN protocol” in IJARIE , JISI ,5/1/2017, 6/1/2017.
- Dr. Shaik.Mahaboob Basha,Prof published a paper titled An Integrated Approach for Microwave Security System in International Journal of Applied Engineering Research 0973-4562Vol. 12 /January 2017.
- Ms. D. Nagajyothi published a paper titledA survey on design development techniques of non-invasice glucometer in International journal of advanced scientific technologies, engineering and management Sciences 2454-356X Vol. 03 / March 2017.
- Mrs.K. Radhika, prsented a paper on “Satellite Image Classification of different Resolution Images Using Cluster Ensemble Techniques”, in “IEEE International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies – 2017 (ICAMMAET-2017)”, 16th-18th February 2017, at Bharath Institute of Higher Education and Research, Chennai, Tamilnadu. (Scopus).
- Mr.S.Sreenivasulu prsented a paper on Simulation Of Low Power 9t & 14t Full Adder With Reduce Noise in International Conference on Emerging Trends in Engineering, Management, Science and Technologies (ICEEMST) held at RISE Krishna Sai Prakasam Group of Institutions, Ongole on 03.03.2017.
- Ms. D .Naga Jyothi presented a paper on A Survey On Design And Development Techniques Of Non-Invasive Glucometer in International Conference on Innovative Applications in Engineering and Information Technology (IAEIT) held at Sri Padmavathi MahilaVishwavidyalayam, Tirupathi from 01.02.2017 to 02.02.2017.
- Mr.M.Krishna Prasad, Mr.P.Raghava Reddy, Mr.V.Bhaskar Rao Mr.P.V.Krishna Rao, Mr.K.Prabhakar Reddy, Mr.G.Kiran Kumar, Mrs.k.Radhika, Mr.M.Mahesh Kumar, Mr.M.Siva Krishna, Mr.S.Srinivasulu, Mr.K.Naveen, participated in “Hands on Training in VLSI Design”conducted by GIST,Nellore, from 6th & 7th Jan 2017
- Mr.G.Kiran Kumar had participated in “Anovel implementation of android based wireless key ACDA systemfor autonomous vehicles using can protocol ”conducted by NCECIOT-2017, from 24-25MARCH 2017.
- Mr. P. Raghava Reddy Attended FDP on CMOS, Mixed Signal and Radio frequency VLSI Design conducted by IIT- KHARAGPUR organized at GIST Nellore from 30.01.2017 to 04.02.2017.

- Mr. M. Sivakrishna Attended FDP on CMOS, Mixed Signal and Radio frequency VLSI Design conducted by IIT- KHARAGPUR organized at GIST Nellore from 30.01.2017 to 04.02.2017.
- Mr. S. Sreenivasulu Attended FDP on CMOS, Mixed Signal and Radio frequency VLSI Design conducted by IIT- KHARAGPUR organized at GIST Nellore from 30.01.2017 to 04.02.2017.

Department Events:**TWO DAY WORKSHOP ON HANDSS ON VLSI DESIGN:**

A two day workshop on “Hands_on_VLSI Design” was conducted for III ECE students on 6th, 7th January 2017. The principal Dr.G.Subba Rao inaugurated the session on the first day. In this inaugural address, Dr Subba Rao said that Hands_on_in VLSI Design provides a competitive edge to the students in a more effective way than the class room learning

**QUIZ COMPETITION:**

The Department of Electronics and communication engineering conducted a Quiz Competition as a part of Department Association activities for B.Tech I, II, III & IV Year students on January 11th 2017. The competition was aimed at enhancing the general awareness among the students and developing the knowledge and excellence base among the students through this healthy and highly motivating program. The students familiarized themselves with a lot of general awareness and current affairs for the quiz program.

**Student Achievements:**

- P NARMADA participated in SRUJANA-2K17, presented A Technical Paper Presentation at Geethanjali Institute Of Science And Technology held on 25 Mar 2017 and won 2ndPrize.
- I VINAY participated in SRUJANA-2K17, presented A Technical Paper Presentation at Geethanjali Institute Of Science And Technology held on 25 Mar 2017 and won 1stPrize.

- B SAI SUSHMITHA participated in STEER-2K17, presented A Technical Paper Presentation at SSN COLLEGE OF ENGINEERING held on 2 Feb 2017.
- V NIHARIKA participated in STEER-2K17, presented A Technical Paper Presentation at SSN COLLEGE OF ENGINEERING held on 2 Feb 2017.
- V VEDAPRIYA participated in STEER-2K17, presented A Technical Paper Presentation at SSN COLLEGE OF ENGINEERING held on 2 Feb 2017.
- G LISHITHA participated in IEEE-2017, presented A Technical Paper Presentation at NBKR INSTITUTE on 3 Feb 2017.
- P SAI LAHARI participated in IEEE-2017, presented A Technical Paper Presentation at NBKR INSTITUTE on 3 Feb 2017.
- S AKHIL REDDY participated in IEEE-2017, presented A POSTER PRESENTATION at NBKR on 3 Feb 2017.
- P KALYAN REDDY participated in IEEE-2017, presented A POSTER PRESENTATION at NBKR on 3 Feb 2017.
- P AMRUTHA VARSHINI participated in TECHKSHETRA-2K17, presented A Poster at BAPATLA ENGINEERING COLLEGE on 25 Jan 2017.
- G LISHITHA participated in TECHKSHETRA-2K17, presented A Poster at BAPATLA ENGINEERING COLLEGE on 25 Jan 2017.
- G LATHA participated in TECHKSHETRA-2K17, presented A Poster at BAPATLA ENGINEERING COLLEGE on 25 Jan 2017.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Graduates of B. Tech in Electronics and Communication Engineering Programme shall be able to

- Apply Engineering concepts to solve Electronics and Communication Engineering problems of social relevance.
- Design and develop Electronic devices and Systems for Industry or pursue research.
- Demonstrate competencies through continuous learning and adapt to multi-disciplinary environment.
- Practice professional values and contribute to the societal needs.

PROGRAM SPECIFIC OUTCOMES (PSOs)

At the time of graduation, student of B.Tech in Electronics and Communication Engineering Programme shall be able to

- Professional Skills: Apply principles of Analog and Digital Electronics, Communication Systems, Image processing, VLSI and Embedded Systems to solve diverse problems.
- Software Knowledge: Develop solutions for complex engineering problems of social relevance by employing Xilinx, CC Studio, Micro Wind, Keil, NG Spice, Scilab tools.



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Vision

To become a reputed learning centre producing competent professionals.

Mission

- Provide Quality education through interactive teaching-learning practices.
- Establish Technology-enabled environment for core competencies including robotics.
- Arrange Industry-Interaction to hone professional skills.
- Organize activities to foster social skills and ethical values.

Editorial Board:

Editors:

1. M. Sivakrishna, Asst. Professor,
2. Sk.Khajavali, Asst. Professor

Student Members:

1. P. Saideepika (III ECE),
2. M. Vamsi (III ECE),
3. Sk.Mahammad (II ECE),
4. T.Srikanth(II ECE)



BLUETOOTH TECHNOLOGY

Bluetooth is a wireless technology standard used for exchanging data between fixed and mobile devices over short distances using short-wavelength UHF radio waves in the industrial, scientific and medical radio bands, from 2.400 to 2.485 GHz, and building personal area networks (PANs). It was originally conceived as a wireless alternative to RS-232 data cables.