

**Faculty Contributions:****Awards:**

- ◆ Dr.Sk.Mahaboob basha, Professor, ECE, has been honored as ACM Senior Member(Association of computing Machinery).
- ◆ Dr.Sk.Mahaboob basha, Professor, ECE, awarded IEEE senior member.
- ◆ Mr.M.Sivakrishna,Asst.professor,ECE awarded Class-B Award in e-Yantra Task Based Training(NMEICT) conducted by IIT bombay.
- ◆ Mr.K.Prabhakar Reddy,Asst.professor,ECE awarded Class-B Award in e-Yantra Task Based Training(NMEICT) conducted by IIT bombay.

**Publications:**

- ◆ Mrs.K.Radhika, Associate Professor , ECE ,“Ensemble subspace discriminant classification of satellite images”, Journal of scientific & industrial Research, Vol 77, Pg.No:633-638 , nov-18.
- ◆ Mrs.K.Radhika, Associate Professor and SK.M.Shahina, Asst.Professor “A Robust Approach for Multi Spectral Image Classification”, “International Journal of Engineering and Technology – UAE (IJET)”, Volume 7, Issue 3.24, 476-478, December 2018. (ISSN: 2227-524X). (Scopus).(DOI: 10.14419/ijet.v7i3.24.22796
- ◆ K.Radhika and Nagajyothi Duvvuru,“Evolutionary Algorithm Based Extreme Learning Machine For Retrieval Of Images” published in “International Journal of Engineering and Technology – UAE (IJET)”, Volume 7, Issue 3.24, 472-475, December 2018. (ISSN: 2227-524X) (Scopus).

**Workshop/Fdp Attended:**

- ◆ Mr. S.Sreeniasulu, Assistant professor ECE, Attended one week FDP on “ Internet of Things” organized by narayana engineering college , gudur, 22/12/2018- 28/12/2018
- ◆ Mr.U.Sreeniasulu, Associate professor ECE, Attended one week FDP on “ Internet of Things” organized by narayana engineering college , gudur, 22/12/2018- 28/12/2018
- ◆ Mr. P. Raghava Reddy,Associate Professor , Department of ECE, Attended FDP Signal Processing Applications using NI LabVIEW with Multisim in ,Narayana Engg College, Gudur, from 17.12.2018 to 21.12.2018
- ◆ Dr. Shaik. Mahaboob Basha,Professor, Department of ECE, Attended FDP Signal Processing Applications using NI LabVIEW with Multisim in ,Narayana Engg College, Gudur, from 17.12.2018 to 21.12.2018
- ◆ Mr. G. Kiran Kumar, Associate Professor, Department of ECE, Attended FDP Signal Processing Applications using NI LabVIEW with Multisim in ,Narayana Engg College, Gudur, from 17.12.2018 to 21.12.2018
- ◆ Dr. Syed Jeelan Basha, Associate Professor, Department of ECE, Attended FDP Signal Processing Applications using NI LabVIEW with Multisim in ,Narayana Engg College, Gudur, from 17.12.2018 to 21.12.2018

**Student Achievements:****Prizes Won:**

- ◆ D. Gayathri, II B.Tech ECE, Participated and Won First place in poster presentation at “National Level Student Technical Paper & Poster Presentation contest - Technoquest 2018” organized by Dept. of ECE , N. B. K. R Institute of Science & Technology on 13<sup>th</sup> October 2018.

- ◆ MD. Uzma and Ms. P. Shilpa , II B.Tech ECE, Participated and Won Third place in paper presentation at “National Level Student Technical Paper & Poster Presentation contest - Technoquest 2018” organized by Dept. of ECE , N. B. K. R Institute of Science & Technology on 13th October 2018.

**Paper and Poster Presentations:**

- ◆ Ms. P. Bhagya Lakshmi, II B.Tech ECE, Participated in poster presentation at “A National Level Student Technical Paper & Poster Presentation contest - Technoquest 2018” organized by Dept. of ECE , N. B. K. R Institute of Science & Technology on 13th October 2018.
- ◆ Mr. G. Sampath Kumar, II B.Tech ECE has participated in the Event “CODE-GEEK” in a National Level Techno-cultural Fest “Mohan-Mantra” Organised by SreeVidyanikethan Educational Institutions from September 30th – October 2nd 2018.

**Workshops / Symposiums:**

- ◆ Ms. Vishnu priya, III B.Tech ECE, Participated in” Principles and practices behind building search engines and deep learning with tensor flow on google cloud platform” Workshop, at Indian Institute of information technology, Sri city, Chittoor held on 6th October 2018.
- ◆ 14 Students of B.Tech II year I Semester have successfully completed three months online certification course - College to Corporate held during 6th September 2018 to 8th November 2018.
- ◆ I year ECE students have participated in mathematical operations with scilab organised by GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY,Nellore.
- ◆ Kanya richitha participated in wheebox employability skills test organised by wheebox on 23-10-2018.

**Department Events:****Three Day Workshop on Indian Game Development Challenge (IGDC)**

A three day workshop on “Indian Game Development Challenge (IGDC)” was organized by the department of Electronics and Communication Engineering department, from 12<sup>th</sup>October 2018 to 14<sup>th</sup>October 2018in collaboration with APSSDC. The experts from APSSDC explained various concepts of Game development related aspects right from the fundamentals for III year B.Tech ECE students.

**IIIT Sricity Research Expo**

III B.Tech ECE students and Faculty attended “One-day Research Expo Event 2018” organized by IIIT SRICITY, Chittoor on Saturday October 6<sup>th</sup>, 2018. The objective behind the visit is to learn about cutting-edge technologies that are constantly exposed to new learning experiences.



Webinars

The students of Geethanjali institute of science and technology bagged prizes in the webinar online exam conducted under the joint auspicious of JNTU Anantapur University and Texas Instruments on 5/10/ 2018 .270 Students of ECE have took the Texas Instrument Online Contest on MSP430 among which 212 students were certified by the Texas Instruments and 9 students won the kits.

Industrial Visit To NARL

III Year ECE students of GIST-Nellore have visited NARL on 09-11-2018., accompanied by faculty members Mr. G. Kiran Kumar, Ms. Sk. Shahina and Mrs. Y. Rajitha. The National Atmospheric Research Laboratory (NARL) is an autonomous Research Institute funded by the Department of Space of the Government of India. Industrial visit was carried out at NARL Gadanki on 9<sup>th</sup> November 2018 for III year students.

Parent's Meeting

The Department of ECE organized a parents meeting for B.TechII Year I semester ECE students on 06-10-2018 at GIST Gangavaram. Mentors interacted with parents and explained the student's progress in their academics by the distribution of progress reports & collected the feedback from the parents for betterment of the academics & amenities.

The Department of ECE organized a parents meeting for B.TechIII Year I semester ECE students on 13-10-2018 at GIST, Gangavaram. Mentors interacted with parents and explained the student's progress in their academics by the distribution of progress reports & collected the feedback from the parents for betterment of the academics & amenities.

Editorial Board:

**Editors:** 1.M. Sivakrishna, Asst. Professor, 2. C.Durga Tejaswi, Asst. Professor

**Student Members:** 1.M. Sudivya (III ECE), 2. N. Saiteja (III ECE),

3. P.Bhagya Lakshmi (II ECE), 4. Sk. Hafeez(II ECE)



GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY  
(Approved by AICTE, New Delhi & Affiliated to JNTU, Anantapur)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

# NEWS LETTER

**ABSOLUTE ELECTRONICS**  
**"Key to Success"**

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.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 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)

- 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.

Wibree

Wibree, also called "Baby Bluetooth," is a low-power wireless local area network (WLAN) technology that facilitates interoperability among mobile and portable consumer devices such as pagers, personal digital assistants (PDAs), wireless computer peripherals, entertainment devices and medical equipment. Originally conceived by Nokia and developed in conjunction with Broadcom, CSR and others, Wibree is similar to Bluetooth but consumes a small fraction of the battery power. Wibree operates at a range of 5 to 10 meters (about 16.5 to 33 feet) with a data rate of up to 1 megabit per second (Mbps) in the 2.4-GHz radio-frequency (RF) band. Wibree may be deployed on a stand-alone chip or on a dual-mode chip along with conventional Bluetooth.