Faculty Achievements:

- Dr.SK. Mahaboob Basha presented a paper on VLSI, Communication&Signal Processing in National Conference on VLSI,Communication&Siganl Processing (NCVCS) held at RajaRajeswari College of Engineering, Mysore from 16.05.2017 to 17.05.2017.

- Ms. D .Naga Jyothi presented a paper on Producing Non Linear FM Chrip Waveform For Radar Joint in International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES) & Power, Circuit and Information Technologies (ICPCIT) held at Madanapalle Institute of Technology & Science, Chittoor from 27.04.2017 to 29.04.2017.

- Ms. K. Radhika presented a paper on Satellite Image Classification and Quality Parameters Using ML Classifier in International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES) & Power, Circuit and Information Technologies (ICPCIT) held at Madanapalle Institute of Technology & Science, Chittoor from 27.04.2017 to 29.04.2017.

- Mr. K. Naveen presented a paper on Producing Non Linear FM Chrip Waveform For Radar Joint in International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES) & Power, Circuit and Information Technologies (ICPCIT) Madanapalle Institute of Technology & Science, Chittoor from 27.04.2017 to 29.04.2017.

- Mrs.D.Nagajyothi had participated in   "Producing non linear FM Chrip waveform for Radar "conducted by ICAIECES-2017from 27 to 29 April-2017.

- Dr.SK.Mahaboob basha had participated in   "Vlsi,communication&signal processing"conducted by NCVCS-17, from 16 -17 MAY 2017.

- Mr.K.Naveen had participated in "Artificial intelligence and evolutionary computations "conducted by ICAIECES-2017 from 27 to 29 April-2017.

Department Events:

Bidding Farewell to the B.Tech ECE Final year (2013-2017) students of Geethanjali Institute of Science & Technology, Gangavaram was graciously celebrated in all its solemnity & grandeur on Wednesday, 26th April 2017. The beautiful evening witnessed an unforgettable farewell to the final year students,

hosted by the third year students in a very well organized and fabulous manner. A prayer is recited before the start of the function to make the occasion auspicious. The function began with inviting the dignitaries on to the dais. After the inaugural ceremony Mr. P.Raghava Reddy, HOD of ECE department shared his knowledge and guided the students for their future also he congratulated the third year students for organizing farewell party.

Some of the Final ECE students shared their experiences and memorized during their stay at GIST. Sangeet is organized by the Students encompass Singing, Solo and Group dance. Finally the event closed by distributing complimentary gifts to the Final ECE Students by Pre-final year ECE students followed by Vote of thanks.

Student Achievements:

- D.Naveen Kumar won the first prize in the elocution competition conducted by the department of ECE, GIST, Nellore on 17-04-2017.

- P.Vineesha won the first prize in the moot court competition conducted by the department of ECE, GIST, Nellore on 17-04-2017.

- 26 students from II B.Tech ECE participated in the Spoken tutorial conducted by the IIT Bombay FOSS scilab on 05-06-2017

- 37 Students from III B.Tech ECE ,have successfully registered three months online certification course College to Corporate during 6th june 2017 to 8th june 2017.

- 8 students from department of ECE undergone internship program on Digital Image Processing,Embedded Systems offered by Green Corner Tech Nellore from 14-06-2017 to 12-07-2017.
- Akhila from department of ECE participated in GIST TECH FEST 2K17 Cultural (Tresure Hunt) at Geethanjali Institute Of Science And Technology dated on 18 Apr 2017.
- Numitha sai from department of ECE participated in GIST TECH FEST 2K17 Cultural(Tresure Hunt) at Geethanjali Institute Of Science And Technology dated on 18 Apr 2017.
- Narmada from department of ECE participated in GIST TECH FEST 2K17 Cultural(Tresure Hunt) at Geethanjali Institute Of Science And Technology dated on 18 Apr 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.

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.

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)

AR & VR TECHNOLOGY

Augmented reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computer-generated perceptual information, sometimes across multiple sensory modalities, including visual, auditory, haptic, somatosensory and olfactory.Virtual reality (VR) is a simulated experience that can besimilar to or completely different from the real world. Applications of virtual reality can include entertainment(i.e.videogames) and educational purposes(ie. medical or military training). Other, distinct types of VR style technology include augmented reality and mixed reality.