Faculty achievement:

- Mr.P.RaghavaReddy, Mr.Y.Mallikarjuna, Mr.M.Siva Krisha successfully completed requirements of**"Antenna Design & Simulation with HFSS Software"** conducted by **HFSS Software in** association with **Geethanjali Institute of science and Technology, Nellore** on 19th -21st SEP-2015.

- Mr. V.Bhaskar Rao Mr.K.Naveen kola, Mrs.G.kameswari, successfully completed requirements of"Antenna Design & Simulation with HFSS Software" conducted by HFSS Software in association with Geethanjali Institute of science and Technology, Nellore on 19th -21st SEP-2015.

- Mrs.D.Nagajyothi, Ms.SK.M.Shahina, Ms.G.Meenakshi successfully completed requirements of"Antenna Design & Simulation with HFSS Software" conducted by HFSS Software in association with Geethanjali Institute of science and Technology, Nellore on 19th -21st SEP-2015.

- Mr.M.Krishna Prasad participated in "Coordinators workshop on Engineering physics"conducted by IIT,Bombay from 7th _13thSEP-2015

- Mr.M.Krishna, Mr.P.Raghava Reddy, G.Kameswari, Mr.V.Bhaskar Rao, Mr.G.Kiran Kumar, Mr.T.Venkata Sridhar, Mrs.D.Naga Jyothi Prasad kola participated in "Engineering STTP On Technical Communication"conducted by GIST,Nellore, Conducted by IIT,Bombay.

Department Events:

Analog IC Applications:

Department of ECE, GIST organized a one day workshop for UG students on "Analog IC Applications" on 14-09-2015 by ED GATE Technologies, Bangalore. Mr Naveen Kumar D.B, Application Engineer from ED GATE Technologies handled the workshop session. Mr.Mr Naveen Kumar D.B, explained to students about functionality of various IC relative to regenerative feedback circuits. Presenting the practical exposure to students on IC's.

Freshers Day:

Department of ECE, GIST organized Freshers Day Celebrations on 27-08-2015, Principal Prof.Dr. G.Subba Rao, Mr. P. Raghava Reddy Assoc .Prof &HOD,ECE, have addressed the gathering. All the faculty members and all senior students of ECE of Geethanjali Institute of Science & Technology have gathered in the New Seminar Hall to welcome fresher's students. The main objective of this program is to create interaction among seniors and juniors.

Antenna Design & Simulation with HFSS Software:

A three day workshop was organized from 19/9/2015 to 21/9/2015 on "Antenna Design & Simulation with HFSS Software" by GIST in association with MTT/AP/EMC Society Joint Chapter IEEE Hyderabad Section and ANSYS Software & Entuple Technologies Bangalore as a part of GIST IEEE Student Branch in Digital Hall.

Student Achievements:

- 08 students from III ECE have participated in *"Hands in android"* at Swarnavedika, **Nellore** on 14th to 15th AUG-2015.

- 04 students from II ECE have participated in *"JAVA CODING by SYSNOUS TECHNOLOGY"* at Padmavathi community hall, nellore on 16th AUG-2015.

- K.Himakar142U1A0447)and M.Vamsi(142U1A0451) have participated in the event of paper presentation at the MOHAN MANTRA organized by SVNE,TIRUPATHI *on* 19th *SEP 2015*..

- 13 students from III ECE and 5 students from IV ECE have participated in *"Antenna Design&Simulation with HFSS Software"* at **GIST, Nellore** on 19th to 21st September 2015.

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

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To become a reputed learning centre producing competent professionals.
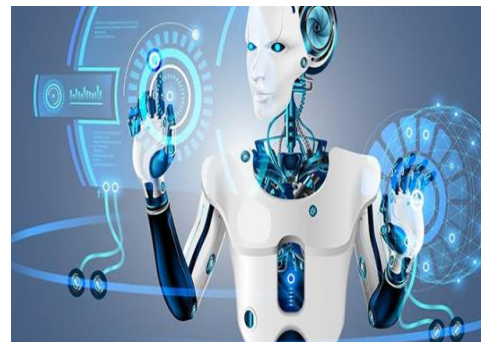
Mission

- 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. G.Prasanth(III ECE),
2. SK.Karimulla(III ECE),
3. P. Saideepika (II ECE),
4. M. Vamsi (II ECE)

Robotics:

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science, and others. Robotics involves design, construction, operation, and use of robots, as well as computer systems for their perception, control, sensory feedback, and information processing. The goal of robotics is to design intelligent machines that can help and assist humans in their day-to-day lives and keep everyone safe.