

**Faculty Contributions:****Publications/Workshop/Industrial Visit:**

- Mr. P. Raghava Reddy Organized Workshop on Embedded Systems from 23.12.2019 to 28.12.2019 for II B.Tech ECE students.
- Mr. G. Kiran Kumar organized Industrial visit to NARL Gadanki, for III ECE B section dated on 04.10.2019 for 42 students.
- Mr. K. Chandrasekar organized Industrial visit to NARL Gadanki, for III ECE B section dated on 04-10-2019 for 42 students.
- Mr.K.Chandrasekar organized Industrial visit to SDSC, SHAR for IV ECE dated on 23.10.2019 for 94 students.
- Dr. Syd. Jeelan Basha organized Industrial visit to SDSC, SHAR for IV ECE dated on 23.10.2019 for 94 students.
- Ms. D. Nagajyothi organized Industrial visit to SDSC, SHAR for IV ECE dated on 23.10.2019 for 94 students.
- Ms. K. Radhika organized Industrial visit to SDSC, SHAR for IV ECE dated on 23.10.2019 for 94 students.
- Dr. D. Regan published a paper on An Unsharp masking algorithm embedded with bilateral filter system for enhancement of aerial photographs in International journal of recent technology and engineering, 22773878, Vol. 8 / November in Scopus.

**Student Achievements:****Prizes Won/PPT/Poster/Workshop/Online Courses:**

- L. Lavanya participated in TechFest- 2k19 on Bio Chip Technology organized by Audhisankara Group Of Institutions dated on 18 OCT, 2019 and won 2nd prize.
- K. Asha participated in TechFest-2k19 on Bio Chip Technology organized by Audhisankara Group Of Institutions dated on 18 OCT, 2019 2nd prize.
- D.Gayathri Kamakshi participated in TECHNOQUEST 2019 on Augmented Reality organized by NBKR Institute of Science and Technology dated on 13 OCT, 2019 and won 1st prize.
- G.Susmitha participated in TechFest on ArtificialIntelligence organized by Audhisankara Group Of Institutions dated on 18 OCT, 2019.
- A.V.YASWANTH REDDY participated in Project expo on Driver safety stroke organized by Audisankara College of Engineering dated on 18,19 OCT 2019 and won 3rd PRIZE.
- I.MOHAN participated in Project expo on Driver safety stroke organized by Audisankara College of Engineering dated on 18,19 OCT 2019 and won 3rd PRIZE.
- G.JAGAN MOHAN participated in Project expo on Driver safety stroke organized by Audisankara College of Engineering dated on 18,19 OCT 2019 and won 3rd PRIZE.
- Y. Supriya participated in Technical Fest on Eye for Blind(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.
- I. Sai Chitanya participated in Technical Fest on Eye for Blind(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.
- L. Lavanya participated in Technical Fest on HOME SECURITY SYSTEM(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.
- P.Ajay Teja participated in Technical Fest on HOME SECURITY SYSTEM(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.
- S.Nandini participated in Technical Fest on HOME SECURITY SYSTEM(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.

- Nagaraju lalith Surya teja participated in Technical Fest on Lifi Technology(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.
- Pulimaddi Taraka Srinu participated in Technical Fest on Lifi Technology(projectexpo) organized by Audisankara College of Engineering dated on 18th&19th OCT,2019.

**Events Organized:****A Five Day Hands on Workshop on “Embedded Systems” at GIST**

A Five day workshop on Embedded Systems was organized by the department of ECE, from 23<sup>rd</sup> to 28<sup>th</sup> December 2019 in collaboration with APSSDC.

**One Day Industrial Visit to Satish Dhawan Space Center (SDSC) Shar, Sriharikota**

The department of Electrical and Electronics Engineering organized industrial visit for IV B.Tech ECE-A,B&C Students to “SATISH DHAWAN SPACE CENTER (SDSC) SHAR, SRIHARIKOTA, NELLORE Dist. on 23-10-2019.



**ECE Freshers Day**

The ECE students of Geethanjali Institute of Science & Technology (GIST) organized a Freshers' Party on 29 October-2019 to welcome the Batch of 2019. The purpose of the Freshers Party was to make every new student feel connected as an integral part of the GIST ECE family and be ready to take on



the challenges of the year ahead.

**PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

**PEO1:** Apply Engineering concepts to solve Electronics and Communication Engineering problems of social relevance.

**PEO2:** Design and develop Electronic devices and Systems for Industry or pursue research.

**PEO3:** Demonstrate competencies through continuous learning and adapt to multi-disciplinary environment.

**PEO4:** Practice professional values and contribute to the societal needs.

**PROGRAM SPECIFIC OUTCOMES (PSOs)**

**PSO1: Professional Skills:** Apply principles of Analog and Digital Electronics, Communication Systems, Image processing, VLSI and Embedded Systems to solve diverse problems.

**PSO2: Software Knowledge:** Develop solutions for complex engineering problems of social relevance by employing Xilinx, CC Studio, Micro Wind, Keil, NG Spice, Scilab tools.

**Editorial Board:****Editors:**

1. M. Sivakrishna, Asst. Professor, 2. C.Durga Tejaswi, Asst. Professor

**Student Members:**

1. P.Bhagya Lakshmi (III ECE), 2. Sk. Hafeez (III ECE),

3. D.Yashwanth (II ECE), 4. Sk.Muthahar(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**

**DM1:** Provide Quality education through interactive teaching-learning practices.

**DM2:** Establish Technology-enabled environment for building core competencies including robotics.

**DM3:** Arrange Industry-Interaction to hone professional skills.

**DM4:** Organize activities to foster social skills and ethical values.

**Machine learning (ML)**

Machine Learning is one of the most popular and trending topics in the current world and students are indulging themselves more and more in this field. Machine learning is the field of study that gives computers the ability to learn without being explicitly programmed. Machine learning (ML) allows software applications to become more accurate at predicting outcomes without being explicitly programmed to do so. In simple term, Machine Learning means making prediction based on data. Machine learning algorithms use historical data as input to predict new output values. Today, machine learning is used in a wide range of applications. Perhaps one of the most well-known examples of machine learning in action is the recommendation engine that powers Facebook's News Feed.

