

Faculty Achievements:

- Mrs.G.Kameswari Assoc.Prof had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.P.Raghava Reddy Assoc.Prof, had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.V.Bhaskar Rao, Assoc.Prof, had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.T.V.Sridhar Assoc.Prof had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.G.Kiran Kumar Asst.Prof had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mrs.D.Nagajyothi, Asst.Prof, had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.K.Prabhakar Reddy Asst.Prof, had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.T.Chiranjeevi Asst.Prof, Mr.S.Srinivasulu Asst.Prof, Y.Mallikarjuna Asst.Prof, Mr.M.Siva Krishna Asst.Prof, Mr.SK.Khajavali Asst.Prof and Ms.G.Meenakshi Asst.Prof had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.

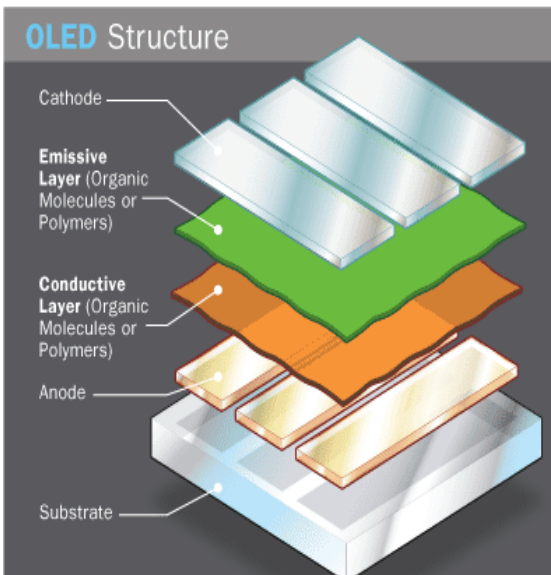
- Mr.S.Srinivasulu Asst.Prof, Y.Mallikarjuna Asst.Prof, Mr.SK.Khajavali Asst.Prof and Ms.G.Meenakshi Asst.Prof had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Y.Mallikarjuna Asst.Prof, Mr.SK.Khajavali Asst.Prof and Ms.G.Meenakshi Asst.Prof had successfully completed requirements of “**Signal processing with MATLAB**” conducted by **Math works Training services** in association with **Geethanjali Institute of science and Technology,Nellore** on 9th& 10th July 2014.
- Mr.G.kiran kumarNMEICT Work shop on ‘Cyber Security’dated 10th July - 20thJuly 2014 conducted by IIT bombay.
- Mr.K.NaveenOrganised a 2 Day Industrial Workshop on “Signal Processing Using MATLAB” in Geethanjali Institute of Science & Technology, Nellore.(9th July 2014 – 10th July 2014) for the faculty members in ECE Department.

Department Events:**Guest Lecture:**

Guest lecture on “**RADAR Signal Processing**” by Prof.Dr. S.Varadharajan ,Professor,Department of ECE, Sri Venkateswara University, Thirupati for III B.Tech students on 22nd August, 2014. Prof.Dr. S.Varadharajan explored the concepts of radar signal processing and presented the need for research in the area which can help the development of agriculture field.

Organic Light Emitting Diode (OLED)

Organic Light Emitting Diode is a scalable nano level emerging technology in Flat Panel Displays and as a White Light Source with efficient features. This paper focuses on OLED structure, principle aspects, fabrication methodology and different techniques to replace current white light sources like Incandescent bulbs, Fluorescent tubes, and even display techniques like Liquid Crystal Displays, Plasma technologies. OLEDs can be fabricated using Polymers or by small molecules. OLED matrix displays offer high contrast, wide viewing angle and a broad temperature range at low power consumption. These are Cheaper, Sharper, Thinner, and Flexible. OLEDs have a potential of being white-light sources that are OLEDs are energy conversion devices (electricity-to-light) based on Electroluminescence. Electro-luminescence is light emission from a solid through which an electric current is passed. OLEDs are more energy-efficient than incandescent lamps. The luminous efficiency of light bulbs is about 13 - 20 lm/W but the latest experimental green emitting OLEDs already have luminous efficiency of 76 lm/W, though at low luminance. The development is on track for OLEDs to effectively compete even with fluorescent lamps, which have the luminous efficiency of 50 - 100 lm/W.

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

1. Ms. Sk. Masthan E Shahina, Asst. Professor,
2. Sk.Khajavali, Asst. Professor

Student Members:

1. K.Bhargavi (III ECE),
2. P.Krishna Kumar (III ECE),
3. G. Prasanth(II ECE),
4. Sk.Karimulla(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)

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.