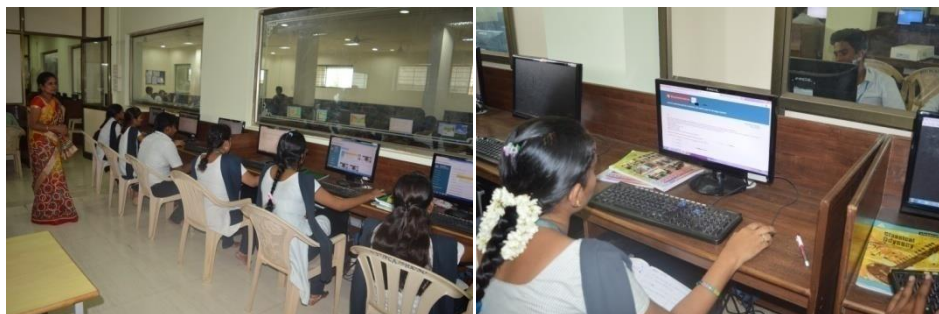


Faculty Achievements:

- ❖ Mrs. K. Radhika Asso.Prof published paper title. A Hybrid Approach For Microwave Imagery Denoising in International Journal of Computer Technology and Applications (IJCTA) 0974-5572 Vol. 09 / September 2016.
- ❖ Mrs. K. Radhika Asso.Prof published paper title A Tutorial on Classification of Remote Sensing Data International Research Journal of Engineering Technology (IRJET) 2395-0056 Vol. 03 / August 2016.
- ❖ Mr.M.Mahesh Kumar had participated in ““Social Harmony, National Unity & Human Rights for N.S.S functionaries of Southern States “conducted by UAS, Bangalore from 27th_31st JULY 2016.
- ❖ Mr.M.Mahesh Kumar had participated in “CMOS, Mixed Signal and Radio Frequency VLSI Design”conducted by IIT Kharagpur from 19th _23rd SEP-2016.

Department Events:**ONE DAY WORKSHOP ON EMBEDDED SYSTEM DESIGN USING TI MSP430:**

The department of ECE, Geethanjali Institute of Science & Technology, Nellore has organized a one day hands on workshop on “Embedded System Design using TI MSP430” in collaboration with TI University Program Partner of Texas Instruments on 22nd September 2016. The main objective of the workshop is to introduce the knowledge of a low power 16 bit RISC Microcontroller MSP430 and to provide hands on experience on implementing various applications using MSP430.

**TWO DAY WORKSHOP ON PCB DESIGN:**

A two-day workshop was held under the joint collaboration of the ECE Department and Embedded Wings, Visakhapatnam on 19th and 20th August 2016. The first session was entirely devoted to the introduction and the elaboration about the software's used in the PCB design. The Resource person Mr.



Ajay interacted with the students and faculty and threw much light on the area of Printed Circuit Board and outlined various process involved in distinguishing a PCB. He also explained at length various kinds of software used in PCB design. The theoretical aspects and also its application and implantation.

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.

Student Achievements:

- 07 students from IV ECE have participated in “Completed Inplant Training in Basic Telecom” at BSNL, Gachibowli, Hyderabad on 4th _9th JULY-2016
- T.Thulasi (132U1A0426) student from IV ECE have participated in “Internship in KAASHIV INFOTECH” at Chennai on 8th _12th JULY-2016
- SabihaSultan(132U1A04B0) student from IV ECE have participated and won prizes in “Internship in KAASHIV INFOTECH” at Chennai on 8th _12th JULY-2016.
- kamakshi(132U1A0490) student from IV ECE have participated and won prizes in “Internship in KAASHIV INFOTECH” at Chennai on 8th _12th JULY-2016.
- p.sumansrikanth(132U1A0491)students from IV ECE have participated and won prizes in “Internship in KAASHIV INFOTECH” at Chennai on 8th _12th JULY-2016.
- T.Thulasi (132U1A0426) student from IV ECE have participated in “NETWORKING” at ISR, on12th JULY-2016.
- 04students from IV ECE have participated in “C-Training” at ISR, on 19th SEP-2016.
- Sk.Arifa participated in TECHNOQUEST 2016 on PPT Magic cube laser virtual protection keyboard in IJSAR 15 Aug 2016.
- Sk. Arshiya Banu participated in TECHNOQUEST 2016 on PPT Space Elevator Technology NBKR institute of science and technology 15 Aug 2016.
- Sk.Fahmeen Taz participated in LAMSYS 2016 on Technical model presentation in ISSE Sriharikotha 12 Jul 2016.
- Divya Reddy Gundala participated in MOHANA MANTRA on Bubble Wrap at Sree Vidyanikethan Educational Institutions dated 8 Aug 2016.
- Arshiya Tabassum Shaik participated in MOHANA MANTRA on Bubble Wrap at Sree Vidyanikethan Educational Institutions dated 8 Aug 2016.
- 7 students from department of ECE undergone internship program offered by BSNL on basic telecom operations from 04-07-2016to 09-07-2016.



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)

SPACE ROBOTICS

The Space Robotics Technical Committee has two main areas of interest: Microgravity and Planetary Robotics. Microgravity Robotics includes manipulation and mobility for scenarios such as International Space Station (ISS) operations and satellite servicing. Planetary Robot systems address scenarios such as Mars and lunar exploration using manipulation or mobility on or near the surface. Some scenarios, such as asteroid and comet exploration, have environments with low gravity which may blur the distinctions between these categories.

