

**Faculty Achievements:**

- P.Raghava Reddy organized a seminar “Latest Trends in Antennas and Applications” on 22-10-2016.
- Mr.K.Naveen had participated in “National Instruments “conducted by UAS,Bangalore from 20th OCT 2016.
- Mrs.D.Nagajyothi had participated in ““Research Expo “conducted by IIT, Chittoor from 22<sup>nd</sup> OCT 2016.
- Mr.K.Naveen had participated in “IEEE Student Section Congress “conducted byHyderabad from 22<sup>nd</sup>\_23<sup>rd</sup> OCT 2016.
- Mrs.k.Radhika had participated in “L-band data processing for remote sensing applications and numerical weather prediction “conducted by S.V.university,Tirupathi from 14th to 25th Nov-2016.

**Department Events:****ONE DAY GUEST LECTURE ON INTEGRATION OF ANTENNA WITH MULTIPLE SYSTEMS OF COMMUNICATION:**

A guest lecture was arranged by the ECE department of GIST on “Integration of Antenna with Multiple systems of communication” on 22.10.2016, Saturday. Participating in the programme as the chief guest, Chairman of IEEE, Prof. Dr. N. Sreenivas Rao, said that Satellite Communications, Mobile Communications, Wireless Communications would function more efficiently with the integration of Antennas.



The smart antennas, linked up with intelligence would play a crucial role in the transmission and dissemination of vital data in desired directions and facilitate the consolidation and strengthen the internal security of the country. He emphasised the imperative of carrying out experimental and further research for the upgradation of the operational efficiency of the antennas.

**ONE DAY INDUSTRIAL VISIT TO SHAR:**

Department of ECE , GIST, organized an Industrial Visit for All the IV B.Tech students to SHATISH DAWN SPACE CENTER (SDSC) SHAR, SRIHARIKOTA, NELLORE , on 03-11-2016 accompanied by Mr. P. Krishna Rao, Asst Professor, Mr. Mahesh Kumar, Asst Professor and Mrs.D.Nagajyothi, Assoc Professor.



Visitors (students and the accompanying staff total 150 students) travelled to SDSC SHAR by transportation arranged by the GIST Student Branch.

**Student Achievements:**

- SK.Arshiya Tabassun(152U1A04C1)student from III ECE PAPERS PRESENTED On Bubble Wrap”at MOHANA MANTRA, NBKR, Sree Vidyaniketan, Titupati on 6th \_8th OCT-2016.
- G.Divya Reddy(152U1A0443) student from III ECE PAPERS PRESENTED On Bubble Wrap”at MOHANA MANTRA, NBKR, Sree Vidyaniketan, Titupati on 6th \_8th OCT-2016.
- SK.Sumeera(142U1A0498)student from III ECE PAPERS PRESENTED On “Space Elevator Technology”at TECHNOQUEST, NBKR, Vidyanagar on 15th OCT-2016.
- SK.Arshiya Banu(142U1A0490)student from III ECE PAPERS PRESENTED On “Space Elevator Technology”at TECHNOQUEST, NBKR, Vidyanagar on 15th OCT-2016.
- SK.Arifa(142U1A0489) student from III ECE PAPERS PRESENTED On “Space Elevator Technology”at TECHNOQUEST, NBKR, Vidyanagar on 15th OCT-2016.
- K.Pradhyumna Kumar (142U1A0439) student from III ECE have

participated in “IEEE Section Student Congress” at Hyderabad on 22nd \_23rd OCT\_2016.

- P.Sreenivasulu(142U1A0471), student from III ECE have participated in “IEEE Section Student Congress” at Hyderabad on 22nd \_23rd OCT\_2016.
- K.Swetha, IV B.Tech ECE undergone internship program offered by Green Corner Tech, Nellore on Robotics from 19 -12-2016 to 23-12-2016.
- N.Anjani Priyanka, IV B.Tech ECE undergone internship program offered by Green Corner Tech, Nellore on Python essentials development 19 -12-2016 to 23-12-2016.
- P.Kamakshi, IV B.Tech ECE undergone internship program offered by Green Corner Tech, Nellore on Python essentials development 19 -12-2016 to 23-12-2016.

#### 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.



## 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:

#### Faculty Members:

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)

#### Plastic Solar cell technology

The solar energy is the most readily available sources of renewable energy by which electricity is produced by the solar panels. The solar panel consisted array of solar photovoltaic cells that convert the sunlight into usable electricity. The solar panels placed on the roof of homes or free standing remote locations.

