

Faculty Contributions:Publications:

- ◆ Mrs.K.Radhika, Associate Professor, ECE, “A Robust Approach for Multi Spectral Image Classification”, International Journal of engineering & technology, Vol 7, Issue:7, Pg.No:476-478 , July-18 ,ISSN NO:2229-5518.
- ◆ Mrs.K.Radhika, Associate Professor, ECE, “Evolutionary Algorithm Based Extreme Learning Machine for Retrieval of Images”, International Journal of engineering & technology, Vol 7, Issue:7, Pg.No:472-475 , July-18 ,ISSN NO:2229-5518.
- ◆ Dr.R.Solomon Roach, Associate Professor, ECE, “Resource Minimization And Power Reduction Of ESPFFIR Filter Using Unified Adder/Subtractor”, Journal of Analog Integrated Circuits and Signal Processing (AICSP),Volume 10, Issue 2, Pg.No:719-723 , July-18.ISSN 0925-1030.

Conference Attended:

- ◆ Dr.SK.MahaboobBasha&Mr.G.Kiran Kumar, Associate Professor , ECE, Attended Two days International conference on “ Synthesization of Low Power Folded Tree Digital Signal Processor Architecture for WSN Applications” organized by International Conference on Advanced Trends in Computer Science & Information Technology (ICATCSIT-18), GIST, Nellore, Andhra Pradesh, 24/08/2018- 25/08/2018
- ◆ Ms. SK.M.Shahina, Assistant professor ECE, Attended Two days International conference on “A Robust Approach For Multispectral Image Classification” organized by International Conference on Advanced Trends in Computer Science & Information Technology (ICATCSIT-18), GIST, Nellore, Andhra Pradesh, 24/08/2018- 25/08/2018

Workshop/Fdp Attended:

- ◆ Dr. SK. Mahaboobbasha, Associate professor ECE, Attended one day workshop on “ 3DPrinting ” organized by GIST, Nellore, on 25/08/2018
- ◆ Mrs.M.Nagajyothi, Associate professor ECE, Attended NPTEL-AICTE s FDP on “ Introduction to Machine Learning” organized by AICTE- NPTEL on Aug 2018
- ◆ Mrs.M.Nagajyothi, Associate professor ECE, Attended five day’ s FDP on “Signal processing Applications using NI labview with multisim” organized by Narayana Engineering College, Nellore in association with NI instruments from 17/8/2018 to 21/8/2018
- ◆ Mr.P.Raghava Reddy, Associate professor ECE, Attended five day’ s FDP on “Signal processing Applications using NI labview with multisim” organized by Narayana Engineering College, Nellore in association with NI instruments from 17/8/2018 to 21/8/2018
- ◆ Mr.K.Prabhakar Reddy, Associate professor ECE, Attended five day’ s FDP on “Signal processing Applications using NI labview with multisim” organized by Narayana Engineering College, Nellore in association with NI instruments from 17/8/2018 to 21/8/2018

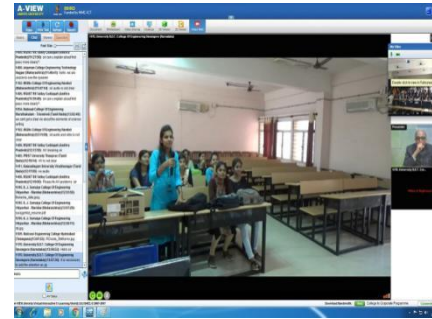
Events Organized:

- ◆ A three day workshop on Embedded Systems was organized by the department of ECE, Geethanjali Institute of Science



and Technology (GIST), Nellore, A.P from 26th to 28th July 2018 and 30th July to 1st august 2018 in collaboration with APSSDC.

- ◆ Department of ECE, GIST has organized a One-Month online course in the month of September 2018 on “Perspectives on Entrepreneurship” in collaboration with International Institute of Entrepreneurship Development (i2E), and Andhra Pradesh State Skill Development Corporation (APSSDC), and Government of Andhra Pradesh, India.



Department of ECE organized college to corporate program offered by IIT Bombay from 6th September 2018 to 8th November 2018 using blended MOOCS method which comprises of on line learning and face to face interactions in order to empower their corporate training and communication skills. The registered students participated in face to face interactive sessions with IITB professors scheduled on 15/09/2018.

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:**Workshops/Online Courses Attended:**

- P. Navaneetha, II B.Tech ECE , Participated in “Andhra Pradesh Innovation Society’s iBootUp IoT Series” Workshop from 30th August 2018 to 1st September 2018 Conducted by AP Innovation Society &iB Hubs at DBS Institute of Technology, Kavali.
- T. Anil Kumar, III B.Tech ECE , Participated in “Andhra Pradesh Innovation Society’s iBootUp IoT Series” Workshop from 30th August 2018 to 1st September 2018 Conducted by AP Innovation Society &iB Hubs at DBS Institute of Technology, Kavali.
- Venkatesh Gunji III B.Tech ECE, participated in google analytics certification online course on 29-09-2018.
- Beemathati Vishnu III B.Tech ECE, participated in wheebox employablity skills test organised by wheebox 13-09-2018.
- G.sampath kumar II B.Tech ECE, participated in unpacking the internet of things online course organized by udemy on 01-08-2018.
- G.sampath kumar II B.Tech ECE, participated in framework for designing internet of things products online course organised by udemy on 01-08-2018.
- G.sampath kumar II B.Tech ECE, participated in code geek organised by sree vidyanikethan educational society from 30th September to 2nd October 2018.
- 20 students from IV B.Tech ECE participated in the English grammar test conducted by Aptis british council on 17-08-2018
- 14 Students from II B.Tech ECE,have successfully registered three months online certification course College to Corporate during 6th September 2018 to 8th November 2018.
- P. Vineesha won the first prize in the moot court competition conducted by the department of ECE, GIST, Nellore on 17-09-2018.
- R. Sai Padmaja won the second prize in the moot court competition conducted by the department of ECE, GIST, Nellore on 17-09-2018.

Internships Attended:

- T.Anil Kumar, II B.Tech ECE undergone internship program offered by SHAR, sriharikota on range operations from 07-06-2018 to 06-07-2018.
- G. Ravi Teja, R.V.S.Narayana Kumar IV B.Tech ECE undergone internship program offered by DRDO, Hyderabad on Design of data controller for inertial navigation system from 15-06-2016 to 15-08-2018.
- 16 students from department of ECE undergone internship program offered by Consensus Technologies Pvt.Ltd, Coimbatore on Python Full Stack Development from 03-06-2018 to 04-07-2018.



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.



4. Sk. Hafeez(II ECE)

Editorial Board:

Editors:1.M. Sivakrishna, Asst. Professor,

2. C.Durga Tejaswi, Asst. Professor

Student Members: 1.M. Sudivya (III ECE),

2. N. Saiteja (III ECE),

3. P.Bhagya Lakshmi (II ECE),

IoT Technology

The Internet of Things is an emerging topic of technical, social, and economic significance. Consumer products, durable goods, cars and trucks, industrial and utility components, sensors, and other everyday objects are being combined with Internet connectivity and powerful data analytic capabilities that promise to transform the way we work, live, and play. Projections for the impact of IoT on the Internet and economy are impressive.

IoT raises significant challenges that could stand in the way of realizing its potential benefits. Attention grabbing headlines about the hacking of Internet connected devices, surveillance concerns, and privacy fears already have captured public attention. The Internet of Things engages a broad set of ideas that are complex and intertwined from different perspectives.