Faculty Contributions:

Publication:

o Dr.D. Regan, Associate Professor , ECE , "Textural Image Segmentation Framework based on Edge Preserving Bilateral Filter", Journal of advance research in dynamical and control systems ,Volume 10, Issue 12, Pg.No:719-723 , Jan-19. ISSN 1943-023X.

o Mr.U.Sreenivasulu, Associate Professor ,ECE , "Dynamic And Reliable Node Auto Configurations To Improve QoS In Wimax Networks", Journal of advance research in dynamical and control systems ,Volume 10, Issue 12, Pg.No:719-723 , Jan-19. ISSN 1943-023X.

o Mrs.K.Radhika, Associate Professor, SK.M.Shahina, "Classification of RISAT MRS Data with BM3D algorithm", International Journal of Innovative Technology and Exploring Engineering **(IJITEE),** Volume-8 Issue-5, 104-106, March, 2019**. (ISSN: 2278-3075) (Scopus).**

Conference:

o Mrs. K. Radhika, Associate Professor, ECE, Attended Two days International conference on "Deep Learning Technique for Sentinel Image Classification" organized by International Conference on Inventive Computing and Applications (ICICA), Thailand, 09/01/2019 - 10/01/2019. **(Received Best Paper Award)**

Workshop/FDP:

o Mrs. K. Radhika, Associate Professor , ECE,Attended **One-day** workshop on "**Moodle Learning Management System**" conducted by IIT Bombay at Geethanjali Institute of Science & Technology, Nellore on 15th March 2019.

o Mr.P.Raghava reddy, Associate Professor , ECE Participated in Three Day FDP on *"Machine Learning and Deep Learning using MATLAB"* "organized by the *B.K.R Institute of Science & Technology, Vidhyanagar ,Andhra Pradesh* in association with *"Capricot Technologies Private Limited* ,during **14th – 16th March,2019.**

o Mr.K.Chandra Sekhar, Associate Professor , ECE Participated in Three Day FDP on *"Machine Learning and Deep Learning using MATLAB"* "organized by the *B.K.R Institute of Science & Technology, Vidhyanagar ,Andhra Pradesh* in association with *"Capricot Technologies Private Limited* ,during **14th – 16th March,2019.**

o Mrs.D.NAgajyothi, Associate Professor , ECE ,Attended One-day workshop on "Moodle Learning Management System" conducted by IIT Bombay at Geethanjali Institute of Science & Technology, Nellore on 15th March 2019.

o Ms.Sk.M.Shahina, Associate Professor , ECE ,Attended One-day workshop on "Moodle Learning Management System" conducted by IIT Bombay at Geethanjali Institute of Science & Technology, Nellore on 15th March 2019.

o Mr.K.Prabhakar Reddy, Organized a three day student workshop on *"IOT Advanced 2018-19"* in *Geethanjali Institute of Science & Technology ,Nellore* during 25th to 27th March 2019 in association with *APSSDC.*

Student Achievements:

Won Prizes:

o Mr. B. Vishnu and Mr. T. Anil Kumar, III B.Tech ECE, participated and won First place in Project Expo at National level Student Technical Symposium "e-Brains 2k19", organized by Dept. of ECE, Narayana Engineering College ,Gudur, on 23rd February 2019.

o Mr. Sk. hafeez and Mr. B. Abishek, II B.Tech ECE, participated and won first place in poster presentation at National level Technical symposium "e-Brains 2k19", organized by Dept. of ECE,. Narayana Engineering College, Gudur, on 23rd February 2019.

o Ms. P. Bhagya Lakshmi, II B.Tech ECE, participated in poster presentation and Won 1st Prize on the occasion of "FemSplash -2k19" organized by Women's Forum, Narayana Engineering College ,Nellore on 23rd February 2019.

o Ms. P. Bhagya Lakshmi, II B.Tech ECE, participated in Music Magic and Won 1st Prize on the occasion of "FemSplash -2k19" organized by Women's Forum, Narayana Engineering College ,Nellore on 23rd February 2019.

o Mr. P. Viswanadh, III B.Tech ECE, participated and won first place in paper presentation at "Tech Hertz 2k19", organized by Dept. of ECE,. Visvodaya Technical academy, Kavali, on 16th and 17th February 2019.

o Ms. D. Gayathri and Ms. A. Sree Sowmya, II B.Tech ECE, participated and won first place in paper presentation at "AAVISHKAAR 2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST, on 29th January 2019.

Student Paper and Poster Presentations:

o Ms. G. Sravya and Ms. P. Likhitha, III B.Tech ECE, participated in paper presentation at National level Student Technical Symposium "e-Brains 2k19", organized by Dept. of ECE, Narayana Engineering College ,Gudur, on 23rd February 2019.

o Ms. B. Swaroopa and Ms. K.V. Radha Sarvani, II B.Tech ECE, participated in paper presentation (Domestic Robots) in "Tech Hertz 2K19" Conducted by Visvodaya technical academy held on 16th and 17th February 2019.

o Ms. D. Pooja Kumari, II B.Tech ECE, participated in the Event paper presentation in "Tech Hertz 2K19" Conducted by Visvodaya technical academy held on 16th and 17th February 2019.

o Ms. P. Bhagya Lakshmi, Mr. B. Abhishek, Mr. Sk. Hafeez and Ms. Sk. Mehaik, II B.Tech ECE, participated in paper presentation in "AMPLE- 2K19" at S.V Colleges, Tirupathi on 15th and 16th February 2019.

o Ms. T. V. S. Meghana and Ms. G. Sirisha, II B.Tech ECE, participated in paper presentation on "Virtual Reality" held in "AAVISHKAAR-2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST on 29th January 2019.

o Ms. G. Tejaswi, II B.Tech ECE, participated in paper presentation on "Smart Grid and Wireless Electricity" held in "AAVISHKAAR-2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST on 29th January 2019.

o Ms. K. V. Radha Sarvani and Ms. B. Swaroopa, II B.Tech ECE, participated in paper presentation on "Artificial intelligence" held in "AAVISHKAAR-2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST on 29th January 2019.

o Ms. Ch. Bhavana, II B.Tech ECE, participated in paper presentation on "New Technologies" held in "AAVISHKAAR-2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST on 29th January 2019.

o Ms. Ch. Jeevana Priya, II B.Tech ECE, participated in paper presentation on "Blue Eyes" held in "AAVISHKAAR-2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST on 29th January 2019.

o Ms. D. Keerthana and Ms. Ch. Neelima, II B.Tech ECE, participated in paper presentation on "Paper Batteries" held in "AAVISHKAAR-2k19", A National Level Technical Symposium Organized by IETE STUDENT BRANCH OF NBKRIST on 29th January 2019.

o Ms. Ch. Rohitha, III B.Tech ECE, participated in poster presentation on the occasion of "FemSplash -2k19" organized by Women's Forum, Narayana Engineering College ,Nellore on 23rd February 2019.

Workshops/Online Courses:

o Mr. gadamsetty Sai pavan, Ms. Thati Akhila, Ms. Valluru Nomitha sai and Ms. Thati Nikhila, III B.Tech ECE, Participated in "ARDUINO BOTICS" Workshop in AMPLE -2K19 at S.V Colleges, tirupathi on 15th and 16th February 2019.

Sports and Cultural:

o Ms. P. Bhagya Lakshmi, Ms. T. Minakshi Mounika and Ms. Sk. Mehaik, II B.Tech ECE, participated in Music Magic on the occasion of "FemSplash -2k19" organized by Women's Forum, Narayana Engineering College ,Nellore on 23rd February 2019.

o Ms. P. Bhagya Lakshmi, II B.Tech ECE, participated in Mehandi Competition on the occasion of "FemSplash -2k19" organized by Women's Forum, Narayana Engineering College ,Nellore on 23rd February 2019.

Events Organized:

A three day workshop on "**Embedded Systems (IoT) Advanced**" was organized by the department of ECE, from 25th to 27th March 2019 in collaboration with APSSDC. The experts from APSSDC explained various concepts of Embedded System related aspects right from the fundamentals to advanced (IOT) for B.Tech III year ECE students.

A Five day workshop on "**Machine learning using Python**" was organized for B.Tech III Year ECE students by the department of ECE in association with Hynture Private limited with CSI at New Seminar hall from 12th to 16th March 2019. Mr. D. Venkata Sai, Honarary Chair member of Hynture Private limited and Mr.Nikhil Reddy were the technical trainers for this workshop.This workshop aimed to provide a strong hold in creating Machine learning algorithms with the base of python.

Three days training program on "**Embedded systems using ARM Mbed**" was conducted in department of ECE, Geethanjali institute of science and technology, Nellore on 09.01.2019 to 11.01.2019 for third year students. This program aimed to educate the third year students of ECE to get acquaintance in Embedded Systems based ARM processors.

Geethanjali Institute of Science & Technology, Gangavaram, Nellore Dist has conducted a Three-day workshop on "**Android App Development**" organized by the Department of ECE, in association with Hynture Technologies Hyderabad between 18-20 March 2019.

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

o Provide Quality education through interactive teaching-learning practices.

o Establish Technology-enabled environment for core competencies including robotics.

o Arrange Industry-Interaction to hone professional skills.

o Organize activities to foster social skills and ethical values.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

o Apply Engineering concepts to solve Electronics and Communication Engineering problems of social relevance.

o Design and develop Electronic devices and Systems for Industry or pursue research.

o Demonstrate competencies through continuous learning and adapt to multi-disciplinary environment.

o Practice professional values and contribute to the societal needs.

PROGRAM SPECIFIC OUTCOMES (PSOs)

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

o 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. M. Sudivya (III ECE),

2. N. Saiteja (III ECE),

3. P.Bhagya Lakshmi (II ECE),

4. Sk. Hafeez(II ECE)