BUZZ ece

A VOICE OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT OF ELECTRONICS & COMMUNICATION

Mailto: dnrcetece@gmail.com

VOLUME III ISSUE II

DEPARTMENT VISION & MISSION

VISION

To be a recognized center for innovation in Electronics & Communication Engineering with ethics in research and serving society.

MISSION

DM1: Impart knowledge skills on state-of art technologies aligned to address industry and society needs.

DM2: Organize activities to inculcate self-learning lifelong learning, team spirit and professional ethics.

DM3: Provide quality environment, promoting research innovation and entrepreneur skills.

Program Outcomes (PO's)

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, review research literature, and analyze complex engineering   problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/development of solutions: Ability and skills to effectively use state-of-the-art techniques and computing tools for analysis, design and implementation of computing systems which resolve real life problems.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues, and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.

PO9: Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Make effective presentations and give and receive clear instructions. with society at large. Be able to comprehend and write effective reports documentation.

PO11: Project management and finance: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Educational Objectives (PEOs)

PEO1: Demonstrate the educational foundation needed for professional career/higher studies in the field of Electronics and Communication Engineering

PEO2: Provide solutions for the real time problems with the ever-changing industry requirements.

PEO3: Develop attitude for life long learning and practice the profession with integrity and responsibility

Program Specific Outcome's (PSO's)

PSO1: Design and provide solutions in Power Electronics and Power Systems.

PSO2: Demonstrate renewable energy technologies for growing energy demand.

FACULTY ACHIEVEMENTS

- Dr. N. Venkata Rao published Analysis Of Random Testing Circuits Using LFSR for Sparse Neural Network in journal JICR in Volume XIII, Issue XI, Nov 2021
- Mrs.N.S.V.L.Sowjanya published LMSE Equalizer Based MIMO-UFMC Data Transmission System in journal JICR in Vol XIII,Issue X,Oct 2021.
- Mr. K Sekhar Babu Got Elite in the Course of Microwave Theory and Techniques in 2021 .

- Dr. Nekkanti Venkata Rao attended FDP Microwave Theory and Techniques NPTEL-IIT BOMBAY JUL-OCT 2021 12 WEEKS.

EVENTS ORGANIZED

- Guest Lecture on Satellites and their uses by T. Viswanathan, Managing Director, Khampa Enterprises Pvt.Ltd,Hyderabad. on 09/10/2021.
- Certificate course on "Types of satellites and their uses" was organized from 09/10/2021to 14-10-2021
- Training on PCB design Techniques was organized from 03/12/2021 To04/12/2021.
- Training on Artificial intelligence using raspberry Pi was organized from 15/12/2021To 06/12/2021

Types of satellites and their uses

PCB design Techniques

EVENTS ATTENDED -FACULTY

- Dr. Nekkanti Venkata Rao attended FDP Microwave Theory and Techniques NPTEL-IIT BOMBAY JUL-OCT 2021 12 WEEKS.
- Mr. Kopalli Venkanna Naidu attended FDP Internet of Things with Machine Learning and Artificial Intelligence towards advanced applications NIT Warangal & DNR College of Engineering & Technology BHIMAVARAM From 06/12/2021 To 10/12/2021

- Mr. Kopalli Venkanna Naidu attended FDP Artificial Intelligence APSSDC & Pantech e Learning Pvt Ltd CHENNAI from 06/12/2021 To 04/01/2022

- Mr. K. Sekhar Babu attended FDP High Speed Wireless and Optical Technology for Developing Global Network Chandigarh College of Engineering and Technology CHANDIGARH from 04/10/2021 To 08/10/2021

- Mrs.N. Maryleena attended FDP Internet of Things with Machine Learning and Artificial Intelligence towards advanced applications NIT Warangal & DNR College o Engineering & Technology BHIMAVARAM from 06/12/2021 To 10/12/2021

- Mr. Srinivas Yallapu attended FDP Internet of Things with Machine Learning and Artificial Intelligence towards advanced applications NIT Warangal & DNR College of Engineering & Technology BHIMAVARAM from 06/12/2021 To 10/12/2021

- Mr. K Surya Satish Kumar attended FDP Internet of Things with Machine Learning and Artificial Intelligence towards advanced applications NIT Warangal & DNR College of Engineering & Technology BHIMAVARAM 06/12/2021 To 10/12/2021

- Mrs.V. Bhavani Durga attended FDP Internet of Things with Machine Learning and Artificial Intelligence towards advanced applications NIT Warangal & DNR College of Engineering & Technology BHIMAVARAM from 06/12/2021 To 10/12/2021

➤ 7 students have been selected in MNC CAPGEMINI with high package of 4.25 LPA

➤ 3 students have been selected in MNC SIFY TECHNOLOGIES with high package of 4 LPA

➤ 1 student have been selected in MNC MINDTREE with high package of 4 LPA