



A VOICE OF ELECTRONICS AND COMMUNICATION ENGINEERING



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D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

Balusumudi, Bhimavaram - 534 202 W. G. DIST.

Department of Electronics and Communication Engineering

VOLUME I ISSUE III

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 life long learning, team spirit and professional ethics.

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

Program Outcomes (POs)

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 the 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 the engineering practice.

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

PO10: Communication: Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.

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 outcomes (PSO's)

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

PSO2: Demonstrate renewable energy technologies for the growing energy demand.

EVENTS ORGANIZED

- A one day Seminar On **Gate Exam Preparation Strategies** by Mr.D.Suryanarayana, ACE Academy Vijayawada conducted on 23-01-2020.

- A one day Seminar On **Indian School of Business (ISB Young Leaders Program YLP, Hyderabad** conducted on 24-01-2020
- A week day Certificate course on **“Emerging Trends in VLSI Signal Processing”** conducted from 10/02/2020 to 16/02/2020
- A Seminar On **Role Of Faculty in Challenging Situation** conducted by Mr.N.Lakshmi Narasimhan General Manager (Hr), M/S.Brakes India Ltd.,Chennai on 04.02.2020.
- A Seminar On **Study Abroad? – A Reality Check** conducted by Azent overseas education Vijayawada. on 05.02.2020.
- A Workshop on **Functions of Entrepreneur** by Mrs D.Lakshmi Haritha Bhavani Conducted on 25-02-2020
- A Workshop on **Synthesizable Subset of Verilog** by Mr. Raja Bandi, Founder & Director, Lucid VLSI Pvt.Ltd,Hyderabad conducted on 23.03.2020.
- Training on **Emotional intelligence** was conducted on 02/03/2020.
- Training on **Communication skills** was conducted on 16/03/2020.

PHOTO GALLERY



Emerging trends in VLSI



INDIAN SCHOOL OF BUSINESS



Synthesizable Subset of Verilog



Work Shop on Functions of entrepreneur(25/02/2020)

INDUSTRIAL VISIT

- Industrial Training 31-01-2020 to 07-02-2020 for batch 2017-2021 III-II Motor Company

Motor Company

The department of ECE was organized industrial visit for the 3rdB. Tech ECE students of the batch 2017-21 to Delhi to Kulumanali and Agra from 31-01-2020 to 07-02-2020. In this industrial visit 17 boys and 20 girls accompanied by two faculty members Mr. P. Ram Kumar and Mrs. N. Mary Leena. This industrial visit is organized to make our students familiar with motor industries. We started Bhimavaram by Swarnajanthi express at 1.00 PM on 31-01-2020. In this industrial visit our students had interacted with the officers and engineers of motor industries. They explained the various technologies used in the manufacturing of motors. Our students gained knowledge about the motors working and manufacturing process.



Photographs of Industrial Training/Tours organized during the Academic Year 2019-20 Motor company

INTERNSHIPS

- Chrober T John Participated Internship Program On Technical Assistant KarvyfordeSearch Private Limited.
- Miriyala Durgesh Participated Internship Program In Seinsight Customer Call Solutions Ltd From 06/03/2020 To 07/04/2020.
- Nangedda Saikumar Participated Internship Program In Seinsight Customer Call Solutions Ltd From 06/03/2020 To 07/04/2020.

STUDENT PARTICIPATIONS

- K.Eswararao participated in ESPARX2020 Project Expo at JNTUK from 22/02/2020-23/02/2020
- CH.Aakanksha participated in GVIT Fest 2K20 Project Expo at GVIT, Bhimavaram on



03/032020 & 04/03/2020

- .V.Naga Bhavana participated at GVIT Fest2K20 Circuit –X GVIT,Bhimavaram on 03/032020 & 04/03/2020
- V.Naga Bhavana participated at GVIT Fest2K20 Code debugging GVIT,Bhimavaram on 03/032020 & 04/03/2020.
- M. Yesuraju, T. Swapna, S. Davood, B. Jagadeesh participated in Business opportunities – Government Schemes at Vasavi Engineering College Tadepalligudem on 04/02/2020.
- S. M Basha,G. Ravi Teja,D. Vamsi,M. Sai Babu,M.Tarun Kumar participated I Awareness On IPR(Intellectual Property Rights) MVR College Of engineering & Technology Vijayawada on 14/03/2020

