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Departmental News Letter

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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 III 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 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.

EVENTS ORGANIZED

- A one day “VLSI” Guest Lecture was organized on 02/03/2022 by Dr. AP Ramesh Professor & HOD ECE Dept. VIET
- A one day Guest Lecture on “**Digital to Digital Frequency Transformation**” was

organized on 12/03/2022 by Dr.J.Prasanth Kumar Professor in ECERCE Eluru.

- A one day Guest Lecture on “**Feedback Amplifier**” was organized 04/03/2022 by Dr.K.BalaSinduri, Assoc. Prof., SRKREC,Bhimavaram.
- A one day national seminar was Organized on “**Identification Of Abusive Relationships And Prevention Of Domestic Violence**” was organized on 05/03/2022 on occasion of womens day.



- A two day national seminar was Organized on “**Women Entrepreneurship And Skill Development Issues, Challenges And Developments**” on 07/03/2022-08/03/2022 on occasion of womens day.



- A 3 day Training program on **Embedded System design developments** was taken place from 17/02/2022 To 19/02/2022
- A two day Training program on **Internet of things and its applications** was taken place from 04/03/2022 To 05/03/2022

FACULTY DEVELOPMENT PROGRAM

- Mr. Kopalli Venkanna Naidu participated FDP **Artificial Intelligence** in APSSDC & Pantech e Learning Pvt Ltd CHENNAI from 06/12/2021 To 04/01/2022
- Mr. Kopalli Venkanna Naidu participated FDP **Data Science and Analytics** in APSSDC & Pantech e Learning Pvt Ltd CHENNAI from 20/01/2022 To 18/02/2022
- Mr. K. Sekhar Babu participated FDP **Trends and Challenges in Advanced VLSI System Design** in S.R.K.R Engineering College(A) BHIMAVARAM from 21/02/2022 To 26/02/2022.

STUDENT ACHIEVEMENTS

- Gopey Tejaswi participated circuit debugging in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 3rdPrize.
- Kothakota Eswara Rao participated circuit debugging in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 2ndPrize.
- Tangeti Rajesh participated LOGO finder in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 2ndPrize.
- TekkaliJaisatish participated LOGO finder in SRKR Bhimavaram from 24/02/2022 to

26/02/2022 and won 2ndPrize.

- Podugu Satish participated Poster Presentation in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 2nd Prize.
- Sanapathi Kusuma Kumari participated Blind Coding in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 1stPrize.
- Vadapalli Ashok Varma participated paper Presentation in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 3rdPrize.
- K krishnaveni participated Treasure Hunt in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 1stPrize.
- D Aparnaveni participated Treasure Hunt in SRKR Bhimavaram from 24/02/2022 to 26/02/2022 and won 3rdPrize.
- DASARI NANI has participated in TECHNICAL SYMPOSIUM -2022, and won 3rd prize, Conducted during 12th FEB 2022 MILLENIUM MAX TECHNOLOGIES in association with BVC INSTITUTE OF TECHNOLOGY & SCIENCE

STUDENT PARTICIPATIONS

- P.Ashok Paper participated Presentation in SR Engineering College and Technology, Warangal 22-02-2022
- G.Manikanta participated PowerPoint Presentation in SR Engineering College and Technology, Warangal on 22-02-2022
- I Sandeep participated Circuit Debugging in SRKR Bhimavaram from 24/02/2022 to 26/02/2022
- Sudabattula Tanooj Kumar participated Circuit Debugging in SRKR Bhimavaram from 24/02/2022 to 26/02/2022
- Penmetsa Siva Gayatri participated POSTER Presentation in SRKR Bhimavaram from 24/02/2022 to 26/02/2022
- Kammila Reshi Kanth participated POSTER Presentation in SRKR Bhimavaram from 24/02/2022 to 26/02/2022
- Gariki Sony Rekha participated Blind Coding in SRKR Bhimavaram from 24/02/2022 to 26/02/2022
- SeelaboyinaSusmitha participated BlindCoding in SRKR Bhimavaram from 24/02/2022 to 26/02/2022

- B Jyothi participated Treasure hunt in SRKR Bhimavaram from 24/02/2022 to 26/02/2022
- D.Nani participated Technical Seminar in Srinivasa College of Engineering, Amalapuram.
On 23-03-2022