

VOL II ISS II

Departmental News Letter

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A VOICE OF ELECTRONICS AND COMMUNICATION ENGINEERING



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VOLUME II 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 Educational Objectives (PEOs)

PEO1: Be Successful professionals in multidisciplinary team to solve real life problems with ethical values.

PEO2: Demonstrate knowledge, Skills and Competence to identify, comprehend and solve the industrial and societal problems.

PEO3: Adapt forever changing needs by collaborating with industries and academia for Professional development, Research, and higher studies.

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.

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.

EVENTS ORGANIZED

- A Entrepreneurship Development program on “ **Entrepreneurial Opportunities in MSME**” speech was delivered by resource person Mr. S. Santosh Kumar on 17/12/2020.
- Two Day Workshop on **Embedded System Design & Application** 28/12/2020&

29/12/2020 conducted by Mr. R P Chetan ERT Technical Service Bangalore.



- A one day Guest Lecture on **Advanced Methods to Launch Satellite Techniques** conducted by Dr.K.Venkateshwarulu Rtd,Professor Y N College,Narsapuram on 19.12.2020.



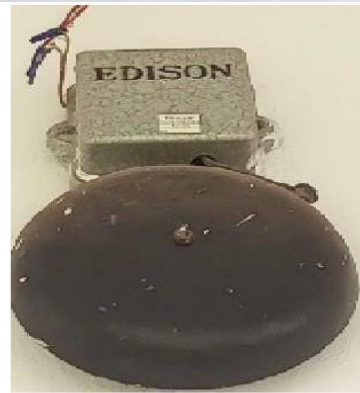
- Value added course on **“Trends and Challenges in Design and Implementation of Reconfigurable Antennas for Increased Spectrum Access in Cognitive Radio Communication”** conducted from 09/11/2020 to 15-11-2020
- Training on aptitude and reasoning was conducted on 19/10/2020
- Training on inter personal skills was conducted on 10/11/2020

FACULTY ACHIEVEMENTS

- Mr. G. Sekhar Babu developed a product of Automatic Bell.
- Mr. K.Sekhar Babu developed a product of Automatic Overhead Tank Water Control



Automatic Overhead Tank Water Control



Automatic Bell

EVENTS ATTENDED -FACULTY

- Mr. Kopalli Venkanna Naidu attended FDP on Reliability Engineering and System Safety in Vishnu Institute of Technology BHIMAVARAM from 07-12-2020 To 19-12-2020
- Mr. K. Sekhar Babu attended FDP on RF Technology for Energy Harvesting, Medical and Commercial Applications (RFTEMC 2020) in Sreyas Institute of Engineering and Technology HYDERABAD from 14/12/2020 To 18/12/2020
- Mrs.SVL Sowjanya Nukala attended FDP on Reliability Engineering and System Safety in Vishnu Institute of Technology BHIMAVARAM from 07-12-2020 To 19-12-2020

EVENTS ATTENDED -STUDENT

- A. Taruni ,G. Sravani,P. Gannamma,G. Gayatri,Pavani Sai Latha,R. Bhanu Sri,K.Kalimai Participated **Women Entrepreneurship** at Rama Chandra College Of Engineering & Technology Eluru on 18/12/2020.

STUDENT ACHIEVEMENTS

- Yallapu Pavan participated Short File Padmabhusan Vasantdada Pratishthans College of Engineering Mumbai on 31/12/2020 and won 2nd prize.
- Yallapu Pavan participated Codeathon Padmabhusan Vasantdada Pratishthans College of Engineering Mumbai on 31/12/2020 and won 3rd Prize.

INTERNSHIPS

- Y.Divakar Participated internship program Embedded System Design Embedded System

Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.

- G.Mounika Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- G.V.Priya Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- G.T. Kumar Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- N.D.Ganesh Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- N.Eswar Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- M.S.Raju Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- K.Akhila Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- K. Madhuri Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.
- J.Sravani Participated internship program Embedded System Design Embedded System Design in Edgate technologies Pvt Ltd, Texas Instruments India University Program, Bangalore from 22/12/2020 to 5/01/2021 for 2weeks.