BUZZ ece

A VOICE OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT OF
ELECTRONICS & COMMUNICATION
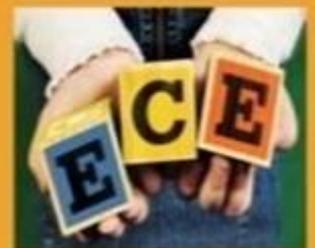
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VOLUME III

ISSUE IV

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

- Mrs.Dr.S.Koteswari published Women Entrepreneurship and Skill development:Issues,Challenges& Developments in journal IJCRT Volume 10,Issues 4,April 2022 ISSN No: 2320-2882.

  https://ijcrt.org/papers/IJCRT2204024.pdf

- Mrs. M.Sri Uma Suseela published Women Entrepreneurship and Skill development:Issues,Challenges&Developments in journal IJCRT Volume 10,Issues 4,April 2022 ISSN No: 2320-2882.

  https://ijcrt.org/papers/IJCRT2204024.pdf

- Mrs.N.MaryLeena published Women Entrepreneurship and Skill development:Issues,Challenges&Developments in journal IJCRT Volume 10,Issues 4,April 2022 ISSN No: 2320-2882.

  https://ijcrt.org/papers/IJCRT2204024.pdf

EVENTS PARTICIPATED

- Mr. Kopalli Venkanna Naidu Soft Computing Techniques and Hands on with MATLAB Aditya Institute of Technology and Management (A) TEKKALI from 09/05/2022 To 13/05/2022

- Mr. Srinivas Yallapu Emerging Trends in Artificial Intelligence Bhimavaram Institute of Engineering & Technology BHIMAVARAM 25/05/2022 To 31/05/2022

STUDENT PARTICIPATION

- K.AshaChadrika PowerPoint Presentation Sri Vasavi Engineering College Tadepalligudem from 11/04/2022 to12/04/2022

- N.Mahalakshmi PowerPoint Presentation in Vasavi Engineering College Tadepalligudem from 11/04/2022 to12/04/2022

PROJECTS

Project Expo provides experience in planning, preparing and displayingan article or an educational exhibit. It is an opportunity for self-expression both verbally and visually

➢ Project expo has been conducted in the department from 23/05/22 to 24/05/2022.

Project expo

➢ External Project review has been conducted from 27/06/2022 to 28/06/2022 and the best projects has been selected as follows

D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY, BHIMAVARAM
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The list of best projects

AY: 2021-2022

S.NO	Batch No.	Roll.No	Student Name	Name of the guide	Title of the project
1	18EC01	189P1A0454 189P1A0430 189P1A0460 189P1A0440	RAMANI PAVANI LANKA SAI SRI HARSHA KODATI KOUSALYA DEVI UPPALAPATI SAIKOTI PRASANTH	Mr. K. SEKHAR BABU	AN IMPLIMENTATION OF PENTAGON SHAPED MICRO STRIP PATCH ANTENNA FOR RF ENEGY HARVESTING
2	18EC04	189P1A0415 189P1A0428 189P1A0427 189P1A0421	THOTA BALA UDAYA KALIDINDI K D N V HARSHINI KAARICHARLA MADHAVI PILLI SUNEEL KUMAR	Dr.S.KOTESWARI	MODELING & PRODUCT DEVELOPMENT OF DYNAMIC WATER QUALITY MONITORING SYSTEM FOR AQUACULTURE PONDS
3	18EC07	189P1A0450 189P1A0438 18MU1A0403 189P1A0443	SANNIDHI SAI MADHURI PRIYANKA SHAIK MOIN NAZEER BOLLAM HARISH BANDI SRIKANTH	Dr N.VENKATARAO	LUNG CANCER CELL DETECTION USING IMAGE PROCESSING
4	18EC15	189P1A0479 199P5A0414 199P5A0425 199P5A0424	TARINI KRISHNA KISHORE MATTA SAI PAVAN KUMAR VIJINIGIRI PRABHAVATHI VELAGANA DEEPIKA	Mrs N.S.V.L.SOWJANYA	ASMART AQUACULTURE MONITORING AND CONTROLLING SYSTEM
5	18EC19	189P1A0476 199P5A0408 189P1A0465 199P5A0422	RATNALA JAYA SIRISHA GOPEY TEJASWI V KIRANYA TANETI NARESH	Mrs SRIVALLI	MULTI PURPOSE AGRICULTURAL ROBOT
6	18EC25	199P5A0420 199P5A0413 199P5A0401	SUDABATTULA TANOOJ KUMAR KOTHAKOTA ESWARA RAO AINAVALLI MANI SANKAR	Mr Y.SRINIVAS	ADVANCED TRAFIC CONTROL SYSTEM FOR AMBULENCE

PLACEMENTS

S. NO	Regd. No.	Name of the Student	Organization	Salary per Annum
1	189P1A0418	K. Manisha	Capgemini	4LPA
2	189P1A0419	Siripuram Murthy	Wipro	3.5A
3	189P1A0427	Kaaricharla. Madhavi	HCL	4.25 LPA
4	189P1A0431	Kusumakumari. Sanapathi	Capgemini	4.25LPA
5	189P1A0435	Sahrudhai Nerella	Wipro	3.5 LPA

6	189P1A0450	Sannidhi Sai Madhuri Priyanka	Infosys	3.6LPA
7	189P1A0452	Singaraju Pawan	Wipro	3.5LPA
8	189P1A0462	V.A.S.N.S.Sushmitha	Capgemini	4LPA
9	189P1A0465	V.Kiranya	Wipro	3.5 LPA
10	189P1A0467	Melam Venkata Satyanarayana	Sify Technologies Limited	4LPA
11	189P1A0469	Irrinki V Naga Satya Krishna Chaitanya	Infosys	3.6LPA
12	189P1A0470	Rachana Seelam	Capgemini	4LPA
13	189P1A0471	Kolli Nageswa Ra Rao	Infosys	3.6LPA
14	189P1A0472	Indumathi Koppadi	Infosys	3.6 LPA
15	189P1A0473	Tarini Vishnu Kishore	Tata Consultancy Services	3.36LPA
16	189P1A0474	Akila Dasari	Sify Technologies Limited	4 LPA
17	189P1A0476	Ratnala Jaya Sireesha	Netenrich	3.5 LPA
18	189P1A0478	Miriyala Sri Balaji	Infosys	3.6LPA
19	189P1A0479	Tarini Krishna Kishore	Mindtree	4LPA
20	199P5A0404	Manikanta Eeri	Netenrich	3.5LPA

21	199P5A0405	Divya Gangula	Infosys	3.6LPA
22	199P5A0406	Garigipati Sai Vara Prasad	Wipro	3.5 LPA
23	199P5A0407	Ghantasala Pydi Guptha	Infosys	3.6LPA
24	199P5A0411	Kammila Reshikanth	Capgemini	4LPA
25	199P5A0413	K Eswararao	Oculotronics Technology Pvt. Ltd.	2.4 LPA
26	199P5A0415	Neredimilli Anuradha	Wipro	3.5 LPA
27	199P5A0419	Sativada Pavan Kalyan	Sify Technologies Limited	4 LPA
28	199P5A0420	S.Tanooj Kumar	Oculotronics Technology Pvt. Ltd.	2.4 LPA
29	199P5A0421	Sunkara Revathi	HCL	4.25 LPA
30	199P5A0423	Rajesh Tangeti	Capgemini	4LPA
31	199P5A0434	Y.Haritha	Capgemini	4LPA
32	18MU1A0405	Gunnepalli. Nikhila	HCL	4.25 LPA