



A VOICE OF ELECTRONICS AND COMMUNICATION ENGINEERING



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VOLUME 1 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, long learning, team spirit and professional ethics.

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

Program Outcomes (POs)

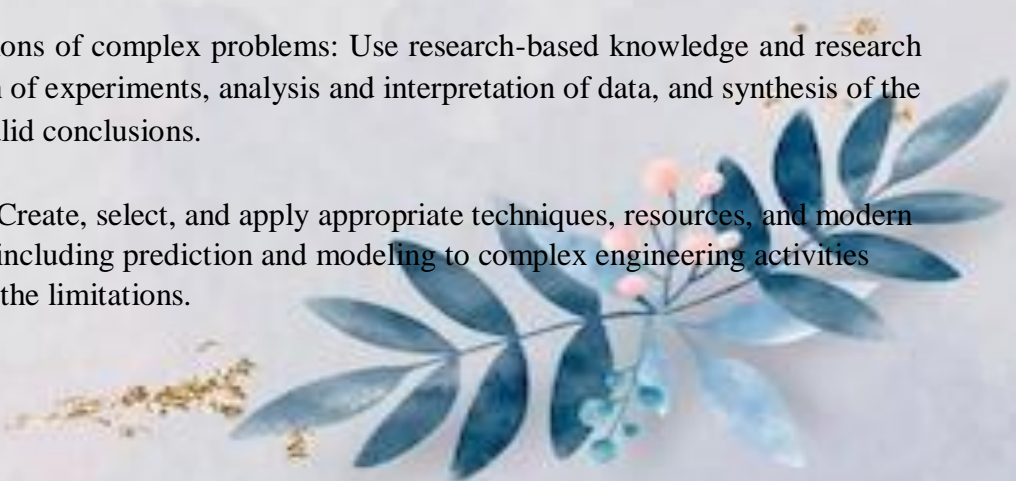
PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

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

FACULTY PUBLICATIONS

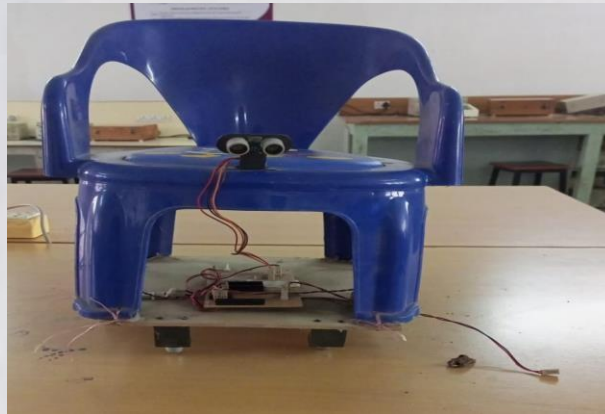
- Mrs. Mrs. N.Maryleena published Design, Fabrication and Analysis of Key-Shaped Microstrip Patch Antenna for Ultra-Wide Band Applications in journal IJARET in Vol. 11, Issues 6, pp. 604-613, June2020 ISSN No: 0976-6480



FACULTY ACHIEVEMENTS

- Mrs. N.Mary Leena developed a product Smart Dust Bin Smart Dustbin works on the principle of object detection using an Ultrasonic sensor.

The ultrasonic sensor transmits sound waves. These Waves get reflected whenever an object comes into the vicinity of the sensor. This generates an electrical signal which is used to open the dustbin lid.



Smart Dust Bin



- Mr. V. Balaji developed a product Smart Wheel Chair Using Android App Through Voice and Touch Mode
A wheel chair is a mechanically operated device that allows the user to move about independently. This minimizes the user's personal effort and force required to move the wheel chair wheels. Voice commands and button controls can be used to operate wheel chairs
- Mrs. S. Swathi developed a product Smart Helmet
Smart helmet a helmet with smart functionalities. It provides the user with high level safety while driving motor bike. User starts the bike along with smart helmet which contains Key.





Smart Helmet

STUDENT ACHIEVEMENTS

<ul style="list-style-type: none"> ➤ Dandu Vijaya Lakshmi 169P1A0414 MBA APICET ➤ Indukuri Pavani Sri 169P1A0423 APPGECET M. Tech ➤ Nangedda Sai kumar 179P5A0426 M. Tech APPGECET 		
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PLACEMENTS

- 37 STUDENTS of academic year 2016-20 have been selected and 35 students have been placed in various MNC companies with high package of 6LPA.

S. NO	Regd. No.	Name of the Student	Organization	Salary per Annum
1	169P1A0401	Aduri Valli Kowsalya	Cognizant	3.5LPA
2	169P1A0403	Allu Satya Krishna	Coforge	4.25LPA
3	169P1A0411	Manikanta Chakka	Tata Consultancy Services	3.36LPA
4	169P1A0417	Sai Srinivasu Gandham	Tata Consultancy Services	3.36LPA
5	169P1A0419	Sriramanjaneyulu Gorla	Tata Consultancy Services	3.36LPA
6	169P1A0422	Sudheer Kumar Immaneni	Capgemini	3LPA
7	169P1A0434	Lakshmi Tejaswi Kucherlapati	Sutherland	2.15 LPA

8	169P1A0435	Revathi Loya	Miracle Software Systems	2.14 L/A
9	169P1A0437	Durga Manasa Mallela	Tech Mahindra	3.25LPA
10	169P1A0439	Manne Disney Sandhya	Meyvnsystems	3LPA
11	169P1A0443	Jai Saikumar Pandi	Mphasis	3.25LPA
12	169P1A0456	Vaka Sai Mahesh	Novatech	5.6LPA
13	169P1A0457	Varre Raja Rao	Tata Consultancy Services	3.36LPA
14	169P1A0461	Gudavalli Naga Sireesha	Tata Consultancy Services	3.36LPA
15	169P1A0469	Shaik Ahmadh Shareef	Tech Mahindra	3.25LPA
16	179P5A0401	Harika Althi	Infosys	3.6LPA
17	179P5A0402	Arun Kumar Bandaru	People Tech	2.4LPA
18	179P5A0405	Boddeti Taraka Ramu	Tech Mahindra	3.25LPA
19	179P5A0408	Bokka Naveen	Capgemini	3LPA
20	179P5A0409	Ch Robert John	Excitel	2.4 LPA
21	179P5A0415	Ganteti Sairam	People Tech	2.4LPA
22	179P5A0416	Gonnabakthula Manikanta	Way2news	1.92LPA
23	179P5A0418	Kandula Krishna Sai	Malabar Group	1.69LPA
24	179P5A0419	Karri Tulasi Sairam	Tata Consultancy Services	3.36LPA
25	179P5A0421	Kosuri Rama Mohan	Netenrich	3.5LPA
26	179P5A0423	Lakshmisetti Lakshmana Raju	Tata Consultancy Services	3.36LPA
27	179P5A0424	Manyam Sivudu	Excitel	2.98LPA
28	179P5A0427	P.Venkata Sesha Sai	Tata Consultancy Services	3.36LPA
29	179P5A0430	Seelaboina Sudheer	Tata Consultancy Services	3.36LPA
30	179P5A0431	S.Lakshmi Priyanka	Tata Consultancy Services	6LPA
31	179P5A0432	Thaninki Siva Prasad	Tech Mojo	2.5LPA
32	179P5A0434	Vanapalli John Wesley	Zest Iot	3.6LPA
33	179P5A0437	Mandadhi Swetha	Tata Consultancy Services	3.36LPA
34	179P5A0410	Chennu Purna Pushpa P Srinivas	Infosys	3.6LPA
35	169P1A0456	Vaka Sai Mahesh	Sutherland	2.15 LPA