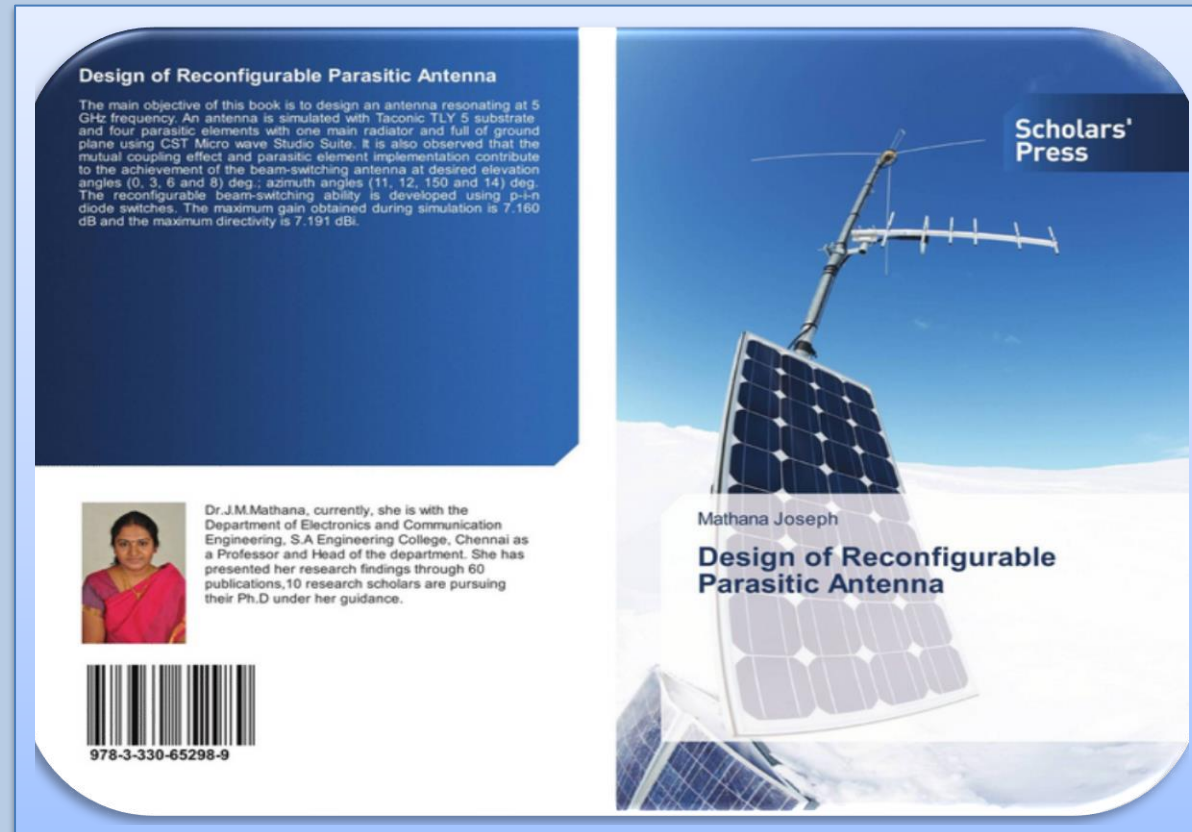


**FACULTY PUBLICATION**

Dr.J.M.Mathana.,Professor & Head published a book on "Design of Reconfigurable Parasitic Antenna" on 02.10.2017 in Scholars Press,Germany.



**EDITORIAL BOARD**

**Dr.J.M.Mathana** Professor & Head

**Mr.Maria Rubiston.M** Assistant Professor

**Ms.Priyanka Vasan,** Assistant Professor



**OUR VISION**

*To achieve overall excellence in education by continuously upgrading the teaching learning process and incorporating latest technological advancements happening worldwide with ethical responsibilities.*

**OUR MISSION**

*To impart sound technical competency and quality education for students to enhance the employability and ethical values.*

*To provide conducive environment for faculty and students with excellent facilities to improve research activity.*

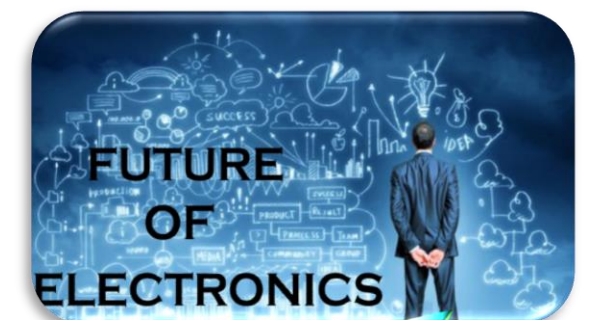
**PROGRAM EDUCATIONAL OBJECTIVES**

- I. Our graduates will possess lifelong learning process and augment their engineering skills for new challenges with sustainability.*
- II. Our graduates will have effective communication skills and work in multidisciplinary team.*
- III. Our graduates will practice the profession with ethics, integrity, leadership and social responsibility.*

**PROGRAM OUTCOMES**

- 1. To apply knowledge of mathematics, science and engineering appropriate to ECE discipline.*
- 2. To formulate and analyze the complex engineering problems by using the principles of mathematics and engineering fundamentals.*

- 3. To design and develop system (or) process to meet the desired needs within the realistic constraints of the societal and environmental considerations.*
- 4. To investigate complex problems by conducting experiments, analyze interpret and synthesize the information to provide conclusions.*
- 5. To select and use appropriate modern tools for solving complex engineering problems.*
- 6. To apply reasoning knowledge for providing engineering solutions to societal needs with professional engineering practice.*
- 7. To demonstrate the knowledge of engineering for providing environmental solutions and sustainable development.*
- 8. To understand the ethical principles and professional responsibilities.*
- 9. To function effectively as a member (or) a leader in multidisciplinary activity.*
- 10. To deliver effective presentations and communicate at ease with the society.*
- 11. To be successful member (or) leader in diverse teams with enhanced administrative skills and financial management.*
- 12. To realize the need for lifelong learning and adopt themselves to technological changes.*



## EVENTS ORGANISED

### TRAINING PROGRAM



"HANDS ON TRAINING ON RF CIRCUITS AND ANTENNA DESIGN USING ADS, CST & HFSS" in association with IETE, Tekiknow Technologies and Tesla Minds was conducted on 27.11.2017 – 29.11.2017



"AWARENESS PROGRAM ON HEART DISEASES" was conducted by Dr.Priya Malinin MBBS.,M.D.,PGDO., Kilpauk Medical college, Chennai on 09.10.2017 in association with CII and Dr.Reddy's foundation for health education



"SEMINAR ON SMART MODULES FOR SMART HEALTH" was presented by Mr.R.Prakash, M.E.,(Ph.D), Firmware Engineer, Shimmer, Ireland on 07.10.2017

### PLACEMENT



- 1.S.Swetha of ECE IV C got placed in Jaro Education as Graduate Trainee Engineer.
- 2.B.Hariharan and V.Balaji got placed in Alight Solutions as Setup Configuration Specialist.

### STUDENT INTERNSHIP

- 1.Dudigam Sriharsha and A.John Santhosam of ECE III year students attending one month internship program at Coovum Smart Embedded Solutions, Chennai.
- 2.Pooja Sharma of ECE final year short listed for six month internship in Equad Engineering Services.

### EXTRA-CURRICULAR ACTIVITIES



- 1.Pooja Sharma. K final year ECE student received the student scholarship "Grace Hopper Celebration India 17" on 16<sup>th</sup> and 17<sup>th</sup> November, 2017 in Bangalore. .

ECE-SAEC

2. K.Pooja Sharma of ECE final year student got Professional achievement award from IEEE.



- P.Velmurugan of IV-ECE secured Bronze medal in Power lifting, District level

### FACULTY PARTICIPATION IN WORKSHOP/FDTP/GUEST LECTURE

1. Ms.V.Aruna., Asst Profr, attended FDTP on Antenna and Wave Propagation at Anna University, Chennai on 27.11.17 to 3.12.17.
2. Mr.Dinesh Anton Raja., Asst Prof attended two days workshop on IoT at Panimalar Institute of Technology on 29.11.2017 and 30.11.2017.
3. Mr.M.Thirumurugan, Asst.prof, attended FDP on "Antenna and Wave Propagation" at KSR Engineering College, Tiruchengode during 27.11.2017 – 03.12.2017
4. Ms.K.Mekala Devi, Asst .prof, Ms.T.S.Valarmathi, Asst. prof and Ms.J.Dhivya, Asst. prof attended FDP on Integrating GIS into E-Health and Telecommunication at KCG Engineering College during 20.11.2017 to 03.12.2017.
5. Ms.B.Menaka, Asso Prof, Mr.S.Pradeep, Asst.prof and Mr.M.Maria Rubiston, Asst.prof attended "Hands on training on NS2 & NS3" at Panimalar Institute of Technology on 23.11.2017 & 24.11.2017
6. Ms.S.Suvitha, Asso Prof, K.M.Dhanalakshmi, Asso Prof, Ms.P.Sasirekha, Asst.prof and Ms.N.Priyanka Vasan, Asst.prof attended seminar on "Health care with Wireless Body Area Networks and its Challenges" at SSN College of Engineering during 20.11.2017-22.11.2017
7. Ms.S.Suvitha, Asso Prof and Ms.M.Priscilla, Asst.prof attended workshop on "MATLAB integration with FPGA in Image Processing and Digital Communication" at

St Joseph Institute of Technology during 08.11.2017-10.11.2017

8. Dr.C.Arunachalaperumal, Professor, Mr.S.Dhilpkumar, Asst Prof attended FDTP on "Security Issues And Testing Challenges In Hybrid It Infrastructure With Cloud Computing And Artificial Intelligence" at Puducherry Engineering College on 13.11.17 to 17.11.17.
9. Dr.J.M.Mathana Prof and Head of ECE, Dr.G.Kavya, Prof, Dr.N.Anusha, Asso Prof, Ms.B.Menaka, Asso Prof attended workshop on "Role Of Media For Empowering Women In Education" at Anna University on 10.11.2017.
10. Ms. M.VANITHALAKSHMI., Asso. Prof and Mr. D.BALAKUMARAN., Asst.Prof attended workshop on DL-LIST'17 at Anna University on 10.11.17 to 11.11.17.

### FACULTY ACHIEVEMENTS

- 1.Dr.J.M.Mathana, Professor and Head received International Educational Association of Estonia Research Excellence award 2017.

### RESEARCH AND DEVELOPMENT

1. CVRDE Research project work "A Study on Fault Diagnosis & Heath Management of Engine Control Function Box for Arjun MBT MK I" was started.

Principal Investigator :Dr.J.M.Mathana  
Professor/Head  
Dr.C.Arunachalaperumal  
Professor  
Co Investigators : Mrs.R.Radhika,  
Asso.Professor  
: Mr.D.Balakumaran.,  
Asst Professor

2. IEEE Students Funding Project 2017-2018 has been selected for the title "Development of Robo Hydro - Jetter Cum Cutter For Replacement of Manual Scavenging" by Ms.P.Divya, Mr.M.Iqbal Ameer, Ms.P.Pooja Sharma and guided by Dr.G.Kavya, Prof

- 3.Dr.J.M.Mathana, Professor and Head and Dr.C.Arunachalaperumal professor, review committee member for " IEEE International Conference on Electrical, Electronics, Computers, Mechanical and Computing" at priyadarshini Engineering College, Vaniyambadi Vellore.

- 4.Dr.C.Arunachalaperumal, Professor has been elected to the grade of SENIOR MEMBER in recognition of Professional Standing Officers and Board of Directors of the IEEE.

ECE-SAEC