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.
EVENTS ORGANISED

**IoT TRAINING PROGRAM**


**TASK PERFORMED BY THE STUDENTS**

**SMART FLORICULTURE**

**SMART HVAC-POWER MANAGEMENT**

**SMART PARKING**

**VEHICLE HEALTH ALERT SYSTEM**

**GUEST LECTURE**

Guest Lecture on "GROOM YOURSELF NATURALLY" was conducted to II ECE students by Mr. C.K. Kumaravel, Co-Founder & CEO, Naturals on 01.09.2017.

Guest Lecture on "PRACTICAL APPLICATIONS OF Electronic Circuits" by Mr. S. Rajamanickam, Director, Bits and Watts was conducted on 16-08-2017.

Guest Lecture on "RECENT TRENDS IN OPTICAL COMMUNICATION IN TELECOM INDUSTRY" by Mr. A. Sadagopan, Retired BSNL Manager was conducted on 08-08-2017.

Guest Lecture on "APPLICATIONS OF TRANSMISSION LINES IN COMMUNICATION" by Dr. K. Malathy, Associate Professor, Department of ECE, College of Engineering, Guindy, Anna University was conducted on 04-08-2017.

Guest Lecture on "MICROPROCESSOR AND MICROCONTROLLER" by Mr. K. Santhosh Kumar, Project Engineer – R&D, Health Care Technology Innovation Center, IIT Madras, Chennai, on 10-07-2017.

**MOTIVATIONAL PROGRAM**

Awareness program on GATE Exam was given to III ECE students on 12.09.2017.
Motivational speech was given for final year - Capgemini eligible students by Sriramans, Alumnus on 23-08-2017 and 29-08-2017

**PLACEMENT**

- **AMCAT Result analysis** meet was conducted on 26-09-2017
- Department of ECE heartily congratulate the student who got selected in MindTree campus drive conducted on 28-09-2017
- Iqas Ameer M
- Department of ECE heartily congratulate the following students who got selected in CAPGEMINI on campus drive conducted on 14-09-2017

1. Aarya surya vanshree
2. Arun kumar
3. Dhivya
4. Saraswathi
5. Swathi Priya

**EXTRA- CURRICULAR ACTIVITIES**

- Vigneswaran of II-ECE secured third place in Inter Zonal Chess Tournament conducted in Jaya Engineering College on 03-08-2017

**CO- CURRICULAR ACTIVITIES**

1. B.Sankara Narayanan,M.Yervanth &D.Sainath of ECE III year students participated in National Level Technical Symposium “FUTURA 17” conducted by Banuari Amman Institute of Technology,Sathyamangalam,Erode and Won 1st Prize Industry Defined Problem event held on 07-09-2017.
2. M.Sowmiya and H.Priya of III ECE C secured II Prize in paper presentation event conducted by SRIRAM ENGINEERING COLLEGE. on 01-09-2017
3. P.Rajesh of III ECE B secured I prize in quiz competition conducted by SRIRAM ENGINEERING COLLEGE on 01-09-2017
4. R.Prem kumar of III ECE B secured II prize in quiz competition conducted by SRIRAM ENGINEERING COLLEGE on 01-09-2017
5. 21 ECE students participated in paper presentation event n Intra college Competitions

**Curriculum to Meet Industry Needs**

- A kick off meeting was conducted at CVRDE on 21-08-2017 to discuss about the execution of sanctioned project titled "A Study on Fault Diagnosis & Health Management of Engine Control Function - Box for Arjun MRT MK1"
- Principal Investigator : Dr.J.M.Mathana
- Co Investigator : Mr.D.Radhiaka, Mr.D.Balasubraman

**FACULTY ACHIEVEMENTS**

- Dr.J.M.Mathana Prof and Head of ECE received RESEARCH EXCELLENCE AWARD- 2017. on 07.08.2017 by Institute for Exploring Advances in Engineering for her research work titled "Acoustic Analysis of Deglutition of Food using fuzzy systems for Ingestion 5 Behavior to reduce obesity"

**RESEARCH AND DEVELOPMENT**

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**FACULTY PUBLICATION**

- Dr.G.Divya, Asst.prof, attended One day national workshop on “Concept For Innovating Innovations To Bind Science And Society” at Saveetha University on 19-08-2017
- Dr.C.Arunachalaperumal, Assoc.Prof attended a Conference on “Adopting Ict – Av Solutions For Digital Growth & Transformation” at ITC Grand Chola, GVNdy Chennai on 09-08-2017

**RESOURCE PERSON**

1. Dr.J.M.Mathana Prof and Head of ECE delivered a Guest talk about NBA SAR on 14-08-2017 at Loyola Institute of Technology,Chennai.
2. Dr.C.Arunachalaperumal delivered a Guest Lecture on “Analog And Digital Communication” at St.Joseph College of Engineering on 03.08.2017.

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

1. Ms.G.Divya, Asst.prof attended Two – day workshop on “Restructuring And Redesigning The Higher Education Curriculum To Meet Industry Needs” organized by Confederation of Indian industry (CII) at Jeppiaar engineering college during 23-08-2017 & 24-08-2017
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11. A.Aswhini, Assistant Professor, N. Ponarasi N. Subashini “FGPA Based Data Logger Using Lab view for Real Time Systems” in Frontiers Journal Published on 26-09-2017.


46. V. Aruna, Asst Professor, G. Abija, Asst Professor, S. Dhilip Kumar, Asst Professor, D. Rapav "A Novel Design of Wearable Microstrip Patch Antenna at GSM Band" in Frontiers Journal Published on 26-09-2017.


48. C. Arunachalamperumal, Professor, ASHWINI, Asst Professor, ANISALINI R "Resource Allocation for OFDM Based on Cognitive Radio" in Frontiers Journal Published on 26-09-2017.


54. J. M. Mathana, Professor & Head, C. Arunachalamperumal, Professor, S. Sivetha, Asso Professor, D. Jacob, Asst Professor, M. Karthick, Asst Professor, K. Deepak Murugan, Asst Professor, Atla Praveen Kumar, Hari Krishnan. D "Design and Implementation of Life Saver Drone" in Frontiers Journal Published on 26-09-2017.

55. J. M. Mathana, Professor & Head, S. Sivetha, Asso Professor, M. Priscilla, Asst Professor, E. Lavanya "OFDM Based Lifting Scheme for Satellite Image Compression" in Frontiers Journal Published on 26-09-2017.


