



S.A.ENGINEERING COLLEGE

NBA Accredited & ISO 9001:2008 Certified Institution Accredited by NAAC with 'A' Grade

Issue 4
DEC-JAN'18

Newsletter

Institute Vision

To create an excellent teaching and learning environment for our staff and students to realize their full potential thus enabling them to contribute positively to the community. To significantly enhance the self-confidence level for developing creative skills of staff and students.

Institute Mission

To transform our institution into quality technical education centre imparting updated technical knowledge with character building.

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EDITOR IN CHIEF

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Ms.N.Priyankavasan, Asso. Prof/ECE

ELECTRONICS AND COMMUNICATION ENGINEERING

Dr. J.M.MATHANA
Head of the Department

VISION :

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

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.



PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

PEO I : Our graduate Engineers will have professional competency in Electronics and Communication Engineering with good foundation in Mathematics and basic sciences.

PEO II : Our graduates will possess lifelong learning process and augment their engineering skills for new challenges with sustainability.

PEO III : Our graduates will have effective communication skills and work in multidisciplinary team.

PEO IV : Our graduates will practice the profession with ethics, integrity, leadership and social responsibility.



Ray Kroc

"If you work just for money, you'll never make it, but if you love what you're doing and you always put the customer first, success will be yours."

PROGRAM SPECIFIC OUTCOMES (PSOS)

PSO I : Ability to develop novel, compact and power efficient system using technical know how.

PSO II : Ability to implement hybrid communication Protocol to face the challenges in the field of Telecommunication

“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.”

GUEST LECTURE

Guest Lecture on “CONTROL SYSTEMS”.

- Guest Lecture on “CONTROL SYSTEMS” in association with IETEWas given to II ECE students by Mr.Raveendranath, Scientist, CVRDE on 31.01.2018.



Chief
Guest

MR.RAVEENDRANATH
Scientist, CVRDE

Guest Lecture on “VLSI DESIGN”.

- Webinar on “VLSI DESIGN” was conducted for III ECE students on 31.01.2018 by P.R. Sivakumar, CEO, AESIC,Bangalore.



Chief
Guest

P.R.SIVAKUMAR
CEO, AESIC,Bangalore.

GUEST LECTURE

Guest Lecture on “PRACTICAL ASPECTS OF ELECTROMAGNETIC FIELDS”.

- “PRACTICAL ASPECTS OF ELECTROMAGNETIC FIELDS” in association with IETEsseminar was given by Dr.N.Gunasekaran,

Former Professor & Head ECE, College of Engineering, Anna University, Guindy, Chennai for II ECE students on 30.01.2018.



Chief
Guest

DR.N.GUNASEKARAN
Former Professor & Head ECE, College of Engineering, Anna University

Guest Lecture on ““APPLICATIONS OF ANTENNAS IN REAL TIME”.

- Guest Lecture on“APPLICATIONS OF ANTENNAS IN REAL TIME” in association with IETE was given by Dr.K.Malathi, Associate Professor,ECE, College of Engineering, Anna University, Guindy, Chennai for III ECE students on 25.01.2018.



Chief
Guest

DR.K.MALATHI
Associate Professor,ECE, College of Engineering, Anna University

“Education is not the Learning of Facts, but the training of Mind to Think.”

“
Thomas A. Edison

“Genius is one percent inspiration and ninety-nine percent perspiration.”

VALUE ADDED COURSE

Value Added Course on “Silicon Software Solutions ”

- T Value Added Course on C, C++ was given to III ECE students by Silicon Software Solutions DURING 18.12.2017 - 23.12.2017.



INDUSTRIAL VISIT



- ECE final year A students undergone industrial visit at Tracho Cables Pvt.Ltd,Ernakulam,Kerala on 14.12.2017.

EXTRA- CURRICULAR

- Ms.Pooja Sharma of final year ECE - B received Richard E.Merwin Scholarship Award (Certificate+ IEEE logo Pin) on 19.12.2017.



EXTRA- CO CURRICULAR

- II and III year ECE students won II PLACE IN PONGAL COMPETITION and RANGOLI COMPETITION in Pongal celebration conducted on 11.01.2018.



“All the best parts of art come from pain turned to celebration.”

- A.R.Navinkumar of III ECE – C secured II place in STATE LEVEL BASKET BALL competition conducted on 30.12.2017



BASKET BALL

“

Lilly Tomlin

“The problem with the rat race is that even if you win, you're still a rat”.

FACULTY PARTICIPATION

- J1. 9 Faculty members of ECE participated in "Introduction To IoT" workshop conducted by ICACT Academy during 29.12.2017-30.12.2017.
- Dr.G.Kavya, Professor ECE, attended Faculty development Programme on Entrepreneurship, innovation & incubation sponsored by NSTEDB under DST-NIMAT project, Govt.of India
- Entrepreneurship Development Institute of India at Vellore Institute of Technology-Technology business incubator, Vellore during 04.12.2017 – 16.12.2017.
- Ms.V.Aruna, Assistant Professor ECE attended FDP on "Antenna and Waveguide Propagation" in Anna University during 27.11.2017 – 03.12.2017.
- Mr.R.Thirumurugan, Assistant Professor ECE attended FDP on "Antenna and Waveguide Propagation" in KSR Institute For Engineering And Technology,Tiruchengodeduring 27.11.2017 – 03.12.2017.

FACULTY INTERACTION



- Dr.J.M.Mathana Professor & head ECE, Dr.G.Kavya, Professor ECE were honoured as judges for "YOUNG SCIENTIST INDIA 2017-2018"organised by SpaceKidz India on 23.01.2018.



- Two days NBA Awareness Program was conducted by Department of ECE to the faculty of Mangalam Engineering College, Kottaiyam, Kerala on 19.01.2018-20.01.2018.

- Dr.J.M.Mathana,Professor & Head was certified as Reviewer - The Editorial Board member of Institute for exploring advances in engineering (IEAE).

- Dr.J.M.Mathana, Professor & Head of ECE, Dr.C.Arunachalaperumal,Professor ECE were certifiedasReview committee memberfor "International conference on Electrical, Electronics, Computing(EECCMC) at Priyadarshini Engineering college, Vaniyambadi , Vellore.

- Dr.G.Kavya, Professor ECE washonored as a Technical Advisory Committee Member and Reviewer for Advances in Electrical, Electronics, Information, Communication and Bio-Infomatics – AEEICB'18' at Prathyusha Engineering College, Chennai.

- Dr.C.Arunachalaperumal, Professor ECEREviewed one article for Wireless Personnel Communication –Springer Publications, Annexure –I, Anna University.

- Dr.C.Arunachalaperumal, Professor ECE &Mr.S.Dhilipkumar, Assistant Professor ECE were honored asResource person for FDP on "System Design Using MATLAB" at the APJ Abdul kalam Technological University held at Mangalam College of Engineering, Kottayam,Kerala,India.

RESEARCH AND DEVELOPMENT

- Dr.J.M.Mathana,Professor & Head, Dr.C.Arunachalaperumal, Professor, Dr.R.Radhika,

- AssociateProfessor&Mr.D.Balakumaran, Assistant Professorof ECEPrincipal investigator of project titled "Study of sensors and signal for health and usage monitoring system (HUMS) for ECJB of Arjun MBT MK I" has received an advance amount of Rs.2,01,150 by CVRDE.

- Dr.C.Arunachalaperumal,Professor & Mr.S.Dhilipkumar, Assistant Professor, Mr.P.Dinesh Anton Raja, Assistant Professor&Ms.G.Divya, Assistant Professorof ECE received funding amount of Rs.1,00,00 for Mini Colloquium on "Advancement in photonics and Optical Networks " by IEEE Photonics society.

"Education is what remains after one has forgotten what one has learned in school."



John Egan

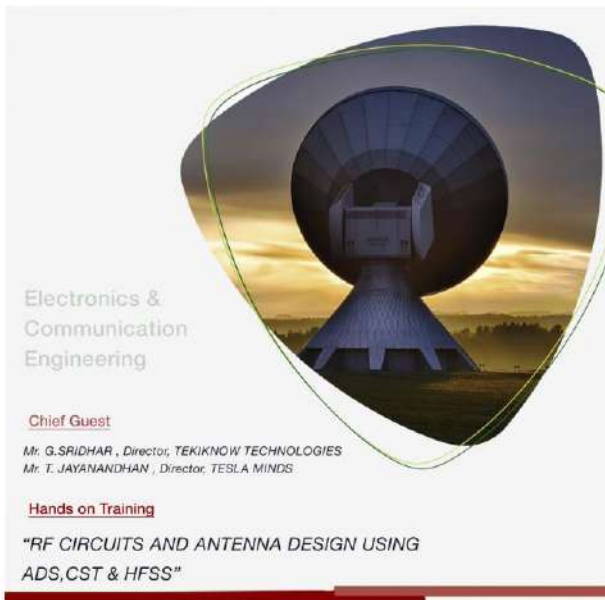
"The absolute fundamental aim is to make money out of satisfying customers. "

FACULTY PUBLICATION

- Dr.G.Kavya, Professor ECE, published a paper titled "Design of FPGA based NIOS-II Soft Core Processor for a wearable Tele Cardiac System" in International Journal of Advanced Science and Engineering" in IJASE Vol 4 on 12.12.2017.

Editorial Board

- Dr.J.M.Mathana Prof&Head,ECE
- M.MariaRubiston Assistant Professor
- Ms.PriyankaVasan Assistant Professor



"Personally I'm obsessive - compulsive about the placement and cleanliness of my things."

PLACEMENT

- Cocubes Assessment test for Final year was conducted on 09.01.2018
- AMCAT second assessment test for Final year was conducted on 03.01.2018
- On behalf of Electronics and Communication Engineering Department, We congratulate all the following placed students.

PLACEMENT ACTIVITIES

Utsavagiri

- S.Gokulan Productions Assistant Trainee
- G.Gomathy Productions Assistant Trainee
- V.Ranjini Productions Assistant Trainee
- S.Karthik Productions Assistant Trainee
- S.Charandheep Productions Assistant Trainee

"It doesn't matter where it is in the world or who I'm making the movie with; that's the closest thing that I've got to a sense of placement."

Galore Networks

- D.Ganesh Kumar Telecommunication Engineer Trainee

Equad

- K Pooja Sharma Firmware Engineer

QSpider

- S.Charandheep Trainee
- S.Akash Trainee
- V.S.Janani Trainee
- B.Divya Trainee
- M.MaheshPrabhu Trainee
- R.A.Parija Trainee
- V.Sowmiya Trainee
- V.Sasikala Trainee
- H.Swathish Trainee



- S.Gokulan Productions Assistant Trainee
- D.Ganesh Kumar Telecommunication Engineer Trainee



Chinese Proverb

"Those who say it can not be done, should not interrupt those doing it."

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Approved by AICTE and Affiliated to Anna University, Chennai*

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David Rockefeller

"Success in business requires training and discipline and hard work. But if you're not frightened by these things, the opportunities are just as great today as they ever were."