



Issue 5
FEB-MAR'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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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.



Robert Frost

"The only way around is through."

PROGRAM OUTCOMES (POS)

PO I : To apply knowledge of mathematics, science and engineering appropriate to ECE discipline.

PO II : To formulate and analyze the complex engineering problems by using the principles of mathematics and engineering fundamentals.

PO III : To design and develop system (or) process to meet the desired needs with in the realistic constraints of the societal and environmental considerations

PO IV : To investigate complex problems by conducting experiments, analyze, interpret and synthesize the information to provide conclusions

PO v : To select and use appropriate modern tools for solving complex engineering problems.

PO VI : To apply reasoning knowledge for providing engineering solutions to societal needs by using professional engineering practice.

PO VII : To demonstrate the knowledge of engineering for providing environmental solutions and sustainable

PO VIII : To understand the ethical principles and professional responsibilities.

PO IX : To function effectively as a member (or) a leader in multidisciplinary activity.

PO X : To deliver effective presentations and communicate at ease with the society.

PO XI : To be a successful member (or) a leader in diverse teams with enhanced administrative skills and financial management.

PO XII : To realize the need for lifelong learning and adopt themselves to technological changes.

PROGRAM OUTCOMES (POS)

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

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

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

GUEST LECTURE

Guest Lecture on “RECENT TRENDS AND ADVANCEMENTS IN WIRELESS COMMUNICATIONS”.

- Guest Lecture on “RECENT TRENDS AND ADVANCEMENTS IN WIRELESS COMMUNICATIONS” on 07.03.2018. Dr.GUNASEKARAN, Associate Professor, Madras Institute of Technology (MIT), Chennai was the Chief Guest.



Guest Lecture on “WIRELESS NETWORKS”.

- Guest Lecture on “WIRELESS NETWORKS” on 26.02.2018. Mr.S.RAJESH, Senior Principal Engineer, Broadcom, Bangalore was the Chief Guest.



VALUE ADDED COURSE

Value Added Course on “Raspberry Pi with Python Programming” .

- Two days Value Added course for ECE II year students on “Raspberry Pi with Python Programming” addressed by Technotran Electronic solutions, Hyderabad, during 27.02.2018 & 28.02.2018.

“
John Naisbitt

“The new source of power is not money in the hands of a few, but information in the hands of many.”

INDUSTRIAL VISIT

- ECE third year students went for industrial visit at **Prag Robotics**, Chennai on 28.02.2018.



- ECE Second year students went for industrial visit at **Doordharsan Kendra**, Chennai on 01.03.2018.



PROJECT EXPO

- ECE Department in association with **IETE students Chapter** organized Project Expo on 27.03.2018.



“Every project is an opportunity to learn, to figure out problems and challenges, to invent and reinvent.”

EXTRA- CURRICULAR

- **Ms.Pooja Sharma** of final year ECE - B received **Best Out Going Student Award** During 20th Annual Day held on 17.03.2018.



- **P.Panneerselvam** of ECE final year student **won first place in Project Expo** conducted by ECE department in association with IETE on 27.03.2018.



- **Mohan Prabhu.C.R, Nirmal Shree Jain and Maoj.V** of ECE Third year student **won first place in Paper Presentation** conducted by ECE department in association with IETE on 27.03.2018.



Seth Godin

“Successful people are the ones who are breaking the rules.”

- Angelin Reena Grace A., Sasikala. A and G.Roshini of ECE Third year students won **Second place in Project Expo** conducted by ECE department in association with IETE on 27.03.2018 .



- R.Jannani and S.Monisha of ECE Second year students won **third place in Project Expo** conducted by ECE department in association with IETE on 27.03.2018.



- Yeshwanth.M and SankaraNarayanan.B of ECE third year Students participated **Ingeium Project Display** conducted by NIT,Trichy on 01.03.2018.



- Yeshwanth.M and SankaraNarayanan.B of ECE third year Students participated **Ingeium Project Display** conducted by NIT,Trichy on 01.03.2018.

- John Premkumar S, DudigamSriharsha and Akash D of ECE third year Students participated **CVRDE RUBY** Programme on 23.02.2018.



FACULTY INTERACTION

- Dr.J.M.Mathana, Prof and Head, invited as a judge for the **project Exhibition Programme** conducted by Sri Sai Ram Engineering College on 22.03.2018.

FACULTY PUBLICATION

- J.M .Mathana, Professor & Head has published paper titled "**A novel low complexity downlink linear precoding algorithm for massive MIMO systems**" in Springer US in Annexure I on 28.02.2018.

- Dr.C.Arunachalaperumal, Professor and Mr.S.Dhillip Kumar, Assistant Professor has presented a paper titled "**Design of parallel pipelined DIF – FFT Architecture**" in the "**International Conference on Contemporary Engineering and Technology**" held on 10.03.2018 in Prince ShriVenkateshwaraPadmavathy Engineering College, Chennai.

- Dr.C.Arunachalaperumal, Professor has published paper titled "**Enhanced 3D MIMO Channel for Urban Macro Environment**" in International Journal of Pure and Applied Mathematics Volume 118 No.10 2018,259-269 in Scopus Indexed on February 2018.

- Dr.G.Kavya Professor has published paper titled "**Wearable Device of pulse Detection Algorithm for sleep APNEA Patients using ECG signals in International Journal of Pure and Applied Mathematics**" Volume 118 No.20 2018, 191-196 in ISSN: 1314-3395 Special Issue Scopus Indexed on 06.03.2018.

- Ms.M.Vanithalakshmi, Associate Professor, has published paper titled "**Noise Reduction And Quality Determination Of Speech Signals Based On Enhancement Algorithms**" in International Journal of Pure and Applied Mathematics Volume 118 No.20 2018, 197-205 in ISSN: 1314-3395 Special Issue Scopus Indexed on 06.03.2018.



Peter McWilliams

"To the degree we're not living our dreams; our comfort zone has more control of us than we have over ourselves."

- Dr.R.Radhika, Associate Professor, has published paper titled "Computer Aided Diagnosis Of Oral Disease In Dental Images Using Open CV" in International Journal of Pure and Applied Mathematics Volume 118 No.20 2018, in ISSN: 1314-3395 Special Issue Scopus Indexed on 06.03.2018.

- Ms.B.Menaka, Associate Professor, has published paper titled "Cross Layer Analysis Of Energy Efficiency Using Directional Broadcast Flooding Based Routing Protocol In Mobile ADHOC Network" Volume 118 No.20 2018, 207-213in International Journal of Pure and Applied Mathematics in ISSN: 1314-3395 Special Issue Scopus Indexed on 06.03.2018.

UTSUVGIRI



GOMATHY G



CHARAN DHEEP V



RANJINI V



GOKULAN S



KARTHIK S

PLACEMENT ACTIVITIES

Q-SPIDER



AKHASH S



CHARAN DHEEP V



DIVYA B



GOKULAN S



SASIKALA



SOWMIYA



PARIJA R A



MAHESH PRABHU M



JANANI V S



SWATISH H

NCR CORPORATION



MAHESH PRABHU M

AVALON TECHNOLOGY



SWATISH H

MR.COOPER



GANESH KUMAR D



AKHASH S



POOJA SHARMA K
SUTHERLAND &
EQUAD ENGINEERING



CHARAN DHEEP V
SHRIRAM TRANSPORT



Seth Godin

"Saying no to loud people gives you the resources to say yes to important opportunities."

S.A. ENGINEERING COLLEGE

*Accredited by NBA, NAAC with 'A' Grade & ISO 9001:2008 Certified Institution
Approved by AICTE and Affiliated to Anna University, Chennai*

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Babe Ruth

"Yesterday's home runs don't win today's games."