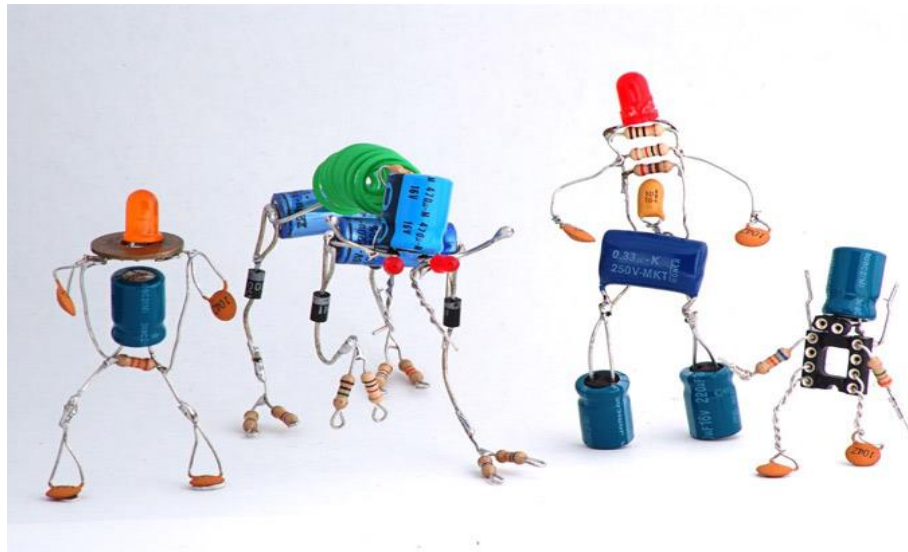


ELECTRONICS AND COMMUNICATION ENGINEERING

NOV-DEC 19



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College education is not the learning of facts, but the
training of the mind to think - Albert Einstein



“
Education is
the most **POWERFUL**
WEAPON
which *you* can use
to **change**
the **WORLD**.
”
-Nelson Mandela

“As engineers, we were
going to be in a position to
change the world – not just
study it.”

“Scientists study the world
as it is; engineers create the
world that has never been.”

Edited by,
S.SURUTHI, AP/ECE

Vision

To prepare engineers, proficient to meet the needs of current technological advancements in the field of Electronics and Communication Engineering by establishing a learning environment consistent with industry standards in academics and research.

Mission

M1: To create a passion amongst students for contributing to research by providing industry oriented learning.

M2: To impart in depth knowledge in principles and applications related to design and development of various systems for societal needs.

M3: To build the skill sets, attitude and core competence of students and faculty by providing them with the opportunity to organize various technical events which will bring out their inherent talents

M4: To produce graduates with technical expertise, professional attitude and ethical values

M5: To instill creative thinking through innovative and team based methods which develops the entrepreneur skills, employability and research capability among professionals

M6: To inculcate in the graduates, the thirst for life-long learning and guide them to obtain thorough knowledge in their chosen interdisciplinary field

Program Educational Objectives

PEO1: Graduates will possess competency in mathematics, science and engineering fundamentals for solving Electronics and Communication engineering problems.

PEO2: Graduates will have core engineering knowledge necessary for employment in industries as well as higher studies and research.

PEO3: Graduates will attain organizing capability, entrepreneur skills and will be a team player in workplace with ethics.

PEO4: Graduates will perform effectively in multicultural and multidisciplinary environment and makes them ready for the corporate careers ahead.

PEO5: Graduates will have the ability to engage themselves in lifelong learning to achieve professional excellence that will make impact in the societal and human context.

The longest phone cable in the world connects the United States and Japan – it is 16800 miles long and is known as FLAG – Fiber Optic Link around the Globe. It has the capacity to transmit 600,000 calls at once.

AWARDS

- *Dr. B. Jesvin Veancy* and *Ms. T. Gophika*, faculty of ECE received Appreciation from “Texas Instruments” on 10.12.19 for becoming the member of the prestigious “Confederation of Elite Academicians of IICDC 2019”.



Principal/EEC greets Dr. B. Jesvin Veancy and Ms. T. Gophika

STUDENTS PARTICIPATION

- NCC Cadet *U. Prakadeeswaran*, third year ECE student participated in the para Gliding basic course offered at “Army Airborne Training School” at Agra.
- Passed out students of 2015- 2019 batches participated in the alumni meet held on 9.11.2019.
- *S. B. Suzhmitha*, final year ECE student, has attended “Tamilnadu student innovator award 2019-Awareness program”, held at CEG Anna University on 12.12.19.

Guess what the phone is used for most? Not making calls, nor surfing the internet – it is to do the simple task of checking the time!

- *Rama devi S, Rama devi R, Sowndharya J, Swetha S and Valliammai A*, Second year students of ECE have undergone In-Plant training in Unique technologies for 3 days.
- *Ram prasad S, Ramya M, Sarulatha A, Senthuran J, Tanuja D and Yuyaraj V*, Second year students of ECE have undergone In-Plant training in NSIC Guindy from 9.12.19 to 13.12.19.

FACULTY PARTICIPATION

- *Dr. K. Rahimunnisa and Dr. D. Jessintha*, faculty of ECE has attended five days FDP from 4.11.19 to 8.11.19 on “Various Computing Paradigms for emerging IoT applications”.
- *Dr. K. Rahimunnisa*, faculty of ECE published paper titled “Wireless Power Transfer and Vehicle Theft Detection using Block Chaining” in International Journal of Recent Technology and Engineering (IJRTE), Nov issue 2019.
- *Dr. Reshmi R Nair*, faculty of ECE has attended six days FDP from 18.11.19 to 23.11.19 on “Transmission Lines, Wave Guides and RF Systems”.
- *Mr.N.Prabhakaran* defended his PhD thesis entitled “Design of circular plated curvature spring MEMS varactor with high Q factor and low stress” under the guidance of *Dr.M.Devaraju/HOD ECE*.
- *Ms. R. Senthamizh Selvi* defended her PhD thesis entitled" Speech enhancement using Adaptive filtering with phase spectrum compensation for noisy environments" and completed Ph.D in December 2019.
- *Mr. A. Ponraj, Mr. B. Arivuselvam, Dr. R. Senthamizh Selvi and Mr. Kamarajan*, faculties of ECE have attended Six day FDTP on “EE8251- Circuit theory” at Loyola ICAM College of Engineering from 9.12.19 to 14.12.19.

Hello was supposed to be 'ahoy' as suggested by Alexander Graham Bell – but Thomas Alva Edison came up with the word 'hello' and that was more accepted over it's derived from the ship slang – ahoy!

- *Mrs. A. T. Madhavi and Mr. Balan*, faculties of ECE have attended three days **workshop** on "Advanced Image and Video Processing using Computer Vision" at St. Joseph Institute of Technology from 9.12.19 to 11.12.19.
- *Mr. Kamaraj and Mr. Ponraj*, faculties of ECE, acted as judges for the **Science competition** held on 5.11.19 at Easwari Engineering college campus for school students.



HOD/ECE wishes faculty for debuted as Judge in Science competition

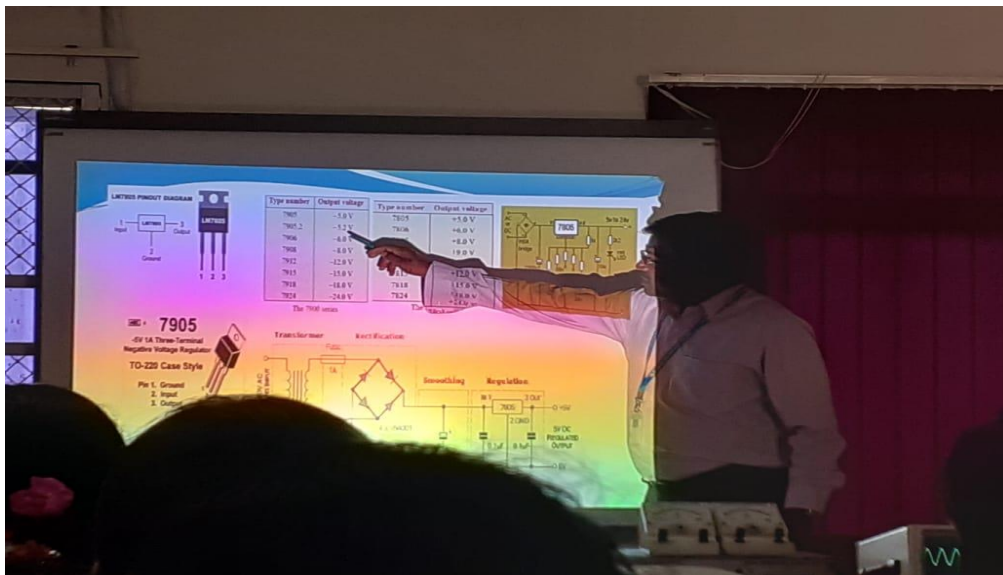
- *Dr. B. Jesvin Veancy*, faculty of ECE have attended Short term **training program** on “Green Communication Networks and Simulation of Wireless Networks using NS3” at SA Engineering College, from 2.12.19 to 7.12.19.
- *Mrs. P. Bini Palas, Mrs. S. Uma Maheswari and Mr. R. Praveen Kumar*, faculties of ECE have attended Five day “ISEA Faculty **Training Program** on State of the Art Technologies in Information Security” at Anna University Chennai, from 2.12.19 to 6.12.19.

International calls are no longer transmitted over via satellites – these days, this job has been taken over by fiber optics and VoIP – which has also lead to an improvement in the quality of the network and the sound transmitted too.

- **Mr. K. Suryakrishnan**, faculty of ECE defended his **PhD thesis** "Reliable data transmission in Wireless Body Area Networks" under the guidance of Dr. D. Sridharan, Anna University and completed Ph.D in December 2019.

TRAINING PROGRAM

- ECE department conducted a **Skill Development Program** "Testing of Electronic components and Equipments" for Technical lab assistants headed by **Mr. Kamaraj**.



Mr. Kamaraj, faculty of ECE training the Technical assistant



ECE faculties at "Chennaiyil thiruvaiyaru" function held during dec 2019