

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## BITS & BYTES

E Newsletter



*Volume II, Issue 3, Oct – Dec 2019*

# Department of Electronics and Communication Engineering

## Workshops/FDPs/Conferences Participated

- Dr. G A Sathish Kumar Professor , Dr.N.Kumaratharan Professor and Mr.S R Balasubramanian,AP attended Six -Day FDP on Machine Learning & Cyber Security at SVCE from 9/12/19 to 14/12/19.
- Mrs.K S Subhashini,AP,ECE attended Anna University sponsored FDTP on EC8652 Wireless Communication at SVCE from 2/12/19 to 7/12/19 .
- Mr.S Senthil Rajan,AP,ECE Attended Six days FDP on EC8651 -Transmission Lines and RF Systems at Panimalar Institute of Technolog from 18/11/19 to 23/11/19.
- Mr.S P Sivagnana Subramanian, AP,ECE Attended AICTE sponsored Two Weeks Faculty Development Programme On “Artificial Intelligence & Advanced Machine Learning Using Data Science” at S.A.Engineering College from 22/11/19 to 5/12/19.
- Mrs.S Kalyani,AP,Mr.M K Varadarajan AP and Mrs.L Anju, AP ECE Attended six days FDP on speech and vision enabled intelligent systems at SSN College of Engg from 19/11/2019 to 23/11/2019.
- Mr.N. Sathish, AP and Ms.A.Bharathipriya AP ECE Attended Anna University sponsored FDTP on EC8652 Wireless Communication at SVCE from 2/12/19 to 7/12/19.
- Mrs.R Kousalya, AP, ECE Attended Two Days Hands On Workshop on Thingworx IIOT, conducted by Adroitec at SVCE from 16/10/2019 to 17/10/19.
- Ms.D.Menaka,AP,ECE Successfully completed Online AICTE approved FDP course conducted by NPTEL on "Data Science using PYTHON" with Elite-Silver Medal from Jul-19 to Oct-19.

## Achievements by the Faculty

- Dr. P Jothilakshmi, Professor received a sponsorship of 3 Lakhs from AICTE for STTP “Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas
- Dr.R.Gayathri, Associate Professor/EC honored as Academic Editor of “DECENT Journals” of Brisbane, Queensland, Australia, from November 2019.

## Faculty Publications

- Dr.G.A.Sathish kumar Jency Rubia published paper titled FIR Filter Design Using Floating Point Radix 4 Algorithm International Journal of Electrical Engineering Education ,November 2019.

- Dr.G.A.Sathish kumar Jency Rubia published paper titled Design And Analysis Of Low Power Fixed-Width Multiplier Using Reduced Precision Redundancy Block (RPR) IOSR Journal of VLSI and Signal Processing vol.9 no 6 ,Dec-2019.
- Dr.P.Jothilakshmi, R.Mohana Sundaram published paper titled A Leaf shape patch radiator for X-Band satellite I-manager's Journal on communication Engineering and systems,Vol.8.No 2,Nov 2019.
- Jeyakumar Monica and Dr.P.Jothilakshmi published paper titled Gain enhanced conformal Patch antenna with defected ground for aircraft Applications. IET Digital Library, Volume 14,issue 2,PP 290-299,Oct-2019.

## Events Organized

- One day Seminar on Overview on Machine learning and Deep learning at SVCE on 01/10/19.
- Two days Workshop on “Thingworx IIOT at SVCE on 16/10/2019 to 17/10/2019.



- TNSCST sponsored three days workshop on “Recent Research Advancements in the Design of Microwave Antennas” at SVCE from 27/11/2019 to 29/11/2019.



- Anna University sponsored six days of FDTP on “EC8652 Wireless Communication” at SVCE from 02/12/2019 to 07/12/2019.



### Expert Lectures Delivered

- Dr. H Umma Habiba, Prof,ECE delivered a Lecture on Handled the session in the topic “Transmission Lines and RF System” organized by Panimalar Institute of Technology for FDTP on EC8651-Transmission Lines and RF System from 18.11.2019 to 23.11.2019.
- Dr. P Jothilakshmi, Prof,ECE Delivered a guest lecture on "Design Concepts of RF Systems" in the Anna University sponsored six days Faculty Development training Program on EC8651-Transmission Lines and RF Systems on 22.11.2019.
- Mr.S Senthil Rajan, AP,ECE Delivered the topic "Waveguide Modes- TE, TM and Transverse Electromagnetic Mode" in the Anna University sponsored six days FDTP on EC8651-Transmission Lines and RF systems on 22.11.2019.