

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## BITS & BYTES

E Newsletter



*Volume II, Issue 1, July – Sep 2019*

## Department of Electronics and Communication Engineering

### Workshops/FDPs/Conferences Participated

- Dr.N.Kumaratharan, Professor, ECE attended AICTE Sponsored Short Term Training Programme on Emerging Trends and Applications of Multiresolution Analysis Techniques in Wireless Communication at Pondicherry Engineering College from 16.09.2019 to 21.09.2019.
- Dr. G A Sathish Kumar, Prof, ECE attended National Workshop on Cyber Security for Critical Infrastructure (CSCI) at SETS, Chennai from 27/9/19 to 28/9/19.
- Dr.R.Gayathri, ASP, ECE attended 3 days National Workshop on “Industry 4.0” organized by IQAC at SVCE from 29/08/19 to 31/09/19.
- Mrs.K Srividhya & Mr.S Senthil Rajan, AP, ECE attended Two days workshop on Recent trends in EM simulation for Industry 4.0 at SVCE from 19/9/19 to 20/9/19.
- Ms.T J Jeyaprabha, AP, ECE Participated in two day IETE Zonal Seminar on SMART ENGINEERING FOR SUSTAINABLE DEVELOPMENT ISF Congress organized by IETE at Sri Sairam Engineering College from 20/9/19 to 21/9/19.

### Faculty Achievements

- Dr.R.Gayathri, Associate Professor honoured as Academic Editor of “ Asian Journal of Research in Computer Science ” during September 2018 - 2022.
- Ms.T.J.Jeyaprabha had received Best Teacher Award on 5 th September 2019 at SVCE.

### Intramural Funding Project

- Intramural fund of amount Rs. 10,000 was granted to final year UG students Mr. D. Senthamarai Kannan, Mr. R.J. Sandeep and Mr.M.Vijay, guided by Ms.K.S. Subhashini, Assistant Professor on the title “Deep learning for automatic stereotypical motor movement detection using wearable sensors in autism spectrum disorders”.
- Intramural fund of amount Rs. 10,000 was granted to final year PG, Communication Systems, student Ms. E.S. Lakshmi, guided by Dr. P. Jothilakshmi, Professor on the title “Design and implementation of a frequency, pattern and polarization reconfigurable antenna for cognitive radio application.”

### Faculty Publications

The following were the research publications of the faculty members during July to September 2019.

- Sheriff M, Dr. R. Gayathri published paper titled Attention Deficit Hyperactivity Disorder (Adhd) Detection Methods” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277 – 3878, Volume-8, Issue- 2S5,July 2019.

- Dr.P.Jothilakshmi, V.Laxmi Narayen, G.Lokeshwaran ,K.S.Murugan published paper titled Design of Conformal Antenna, I-manager's Journal on Electronics Engineering,July 2019.
- Jayanthi Ganapathy, Dr.P.Jothilakshmi published paper titled Prediction of Traffic Volume by Mining Traffic Sequences Using Travel Time based Prefix span IET Intelligent Transport Systems, 10.1049/IET-ITS.2018.5165, Print ISSN 1751-956X, Online ISSN 1751-9578, Volume13, Issue7, pp.1199 –1210 ,July 2019.
- Dr.G.A.Sathish kumar , Jency Rubia published paper titled FIR Filter Design Using Floating point Column Bypassing Technique International Journal of Recent Technology and Engineering. Volume- 8 Issue-2S4, July 2019 .
- Dr.P.Jothilakshmi,P.Maveerapandi,D.Lakshmi Prasanna ,V.Vaishnavi published paper titled Simulation and analysis of Aperture coupled Patch Antenna for S-Band Communication.International Journal of Scientific Research in Multidisciplinary Studies.Vol.5.Issue.8pp103-109, August 2019.
- Dr.P.Jothilakshmi, Benazir .M published paper titled Design and implementation of Fractal Antenna for SWB Applications. International Journal of Scientific Research in Multidisciplinary Studies.Vol.5.Issue.8pp 90-96 , August 2019.
- Dr.P.Jothilakshmi,R.Kanimozhi,R.Mohanasundaram published paper titled Analysis of Multilayer Patch Antenna.International Journal of Scientific Research in Physics and Applied sciences.Vol.7 Issue 4,pp8-14 , August 2019.
- Akila G, Gayathri R, published paper titled Advances in Scene Classification of Remotely Sensed High Resolution Images and the Existing Datasets,International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278- 3075, Volume-8 Issue-10,August 2019.
- Dr.P.Jothilakshmi,J.Bharanitharan, N.Varnikha published paper titled Aperture Coupled Fractal Antenna for Wi-Max and WLAN Applications International Journal of Modern Electronics and Communication Engineering (IJMECE), Vol. No.7, Issue.No.5, ISSN: 2321-2152, Pg.14-18,Sept 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.
- Revathy Srinivasan , Hyder Ali and Umma Habiba published paper titled High Performance Antenna for Energy Harvesting in Satellite Health Monitoring System IET Communications pp. 1-11, Sep.2019 .

## Events Organized



The ECEA organized a National Level Technical Symposium “UPAGRAHA 2019” on 26th Sep 2019. Cdr. L. Ganesh, Indian Navy, Visakhapatnam, presided over the inaugural ceremony. He delivered guest lecture on “SONAR theory and its applications” at SVCE on 26/09/19.



## Students' Achievements

- Mr.S.Lokesh (Reg. No: 170701074) and Mr.S.Prem Raj (Reg. No:170701101) III year, secured the first place with a cash prize of Rs. 3000/-, in the Project Expo event in the IETE Zonal Seminar held at Sri Sairam College of Engineering, on 20th of September 2019.
- Mr.S.Prem Raj (Reg. No:170701101) III year secured the first place with a cash prize of Rs. 1500/-, in Line Follower event held at Sri Venkateswara College of Engineering, on 21st of September 2019.
- Mr.M.Piyush (Reg. No: 170701095) and Mr.Rahil H Sakariya (Reg. No:170701104) III year, winner of World Robotics Championship with a cash prize of Rs. 60000/-, held at Thyagaraj Sports Academy, during 23rd and 25th of September 2019.

- Ms.V.Madhumitha (Reg. No:180701062) II year, secured second place in Coding Competition in Protocol 22e in the National Level Symposium held at Sri Venkateswara College of Engineering, on 24th of September 2019.
- Mr.S.Lokesh (Reg. No: 170701074) and Mr.S.Prem Raj (Reg. No:170701101) III Year secured the first place with a cash prize of Rs.10000/-, in the Project Expo event in the Srishti 2k19 held at PSG College of Technology , during 28th and 29th of September 2019.
- Mr.S.Prem Raj (Reg. No:170701101) Third year 'B' Section, Department of Electronics and Communication Engineering, secured the second place with a cash prize of Rs. 2000/-, in Speed-o-Track event in the Srishti 2k19 held at PSG College of Technology , during 28th and 29th of September 2019.
- Mr.S.Lokesh (Reg. No: 170701074) and Mr.S.Prem Raj (Reg. No:170701101) III year Department of Electronics and Communication Engineering, secured the first place with a cash prize of Rs. 3000/-, in the Project Expo event in the IETE Innovation Meet held at Shah and Anchor Kutchhi Engineering College, on 22nd of October 2019.
- Ms.S.Deepika (Reg. No: 170701033) and Ms.S.Ahila (Reg. No:170701013), IV year won the fifth place in BEST 2019 Quiz in the Best Bharat Electronics Students' Trophy, held at Bharat Electronics Limited, on 25th of November 2019.