



# SAPTHAGIRI COLLEGE OF ENGINEERING,

(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)

## Department of Electronics and communication Engineering

September 2018

ECE PULSE



**Vision:** To be one of the best ECE departments in the university providing globally relevant learning experience for students.

**Mission:** Enrich learning experience of students with creative and innovative teaching methods. To inculcate societal responsibility in students. To develop entrepreneurial skills of the students to make them entrepreneurs rather than employees. To partners with industry for focusing on real life problems and make learning more practical

### Chairman: Sri G. Dayanand

The "ECE pulse" newsletter of the department ECE is providing great space for the faculty and students to pen down their innovative ideas, imagination and perceptions to showcase their creativity. So, I take the opportunity to congratulate the department of ECE and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.



### Executive Director: Sri G. D. Manoj

I am indeed happy to know that the department of ECE has taken initiative in realizing its monthly newsletter "ECE pulse" and urge faculties and students to make use of the platform to share and educate among themselves in publishing articles pertaining to the emerging domain and articles of interesting. I congratulate the team of editorial community and department of ECE.

### Principal's Desk

It is indeed very happy to bring out newsletter "ECE pulse" by the department of ECE. It is a platform provided by the department of ECE for their students and faculty members where they can share the knowledge, experience and talents in terms of written articles and I would like to compliment and congratulate the department of ECE and its editorial team for the contribution in bringing out the newsletter.



### Administrative Officer's Desk

It gives me immense pleasure to note that ECE Department bringing out Newsletter for the academic year 2018-19. I am sure this newsletter provides an opportunity to the student's and the faculty of the department to project their talents through articles, reports of the various academic and extracurricular programmes. I congratulate the editorial committee of the newsletter for their efforts.

### Head of Department's Desk

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## **Guest Lecture1**

### **Career Opportunities in Civil Services**

A Guest lecture was conducted on career opportunities in civil services on 04.04.2018 by Mr. Prakhhar Pandey, KAS Officer, Karnataka Commercial Tax Service(KCTS) and GST, Ministry of Finance, Govt of Karnataka. He is also a proud alumni of ECE Department. He also worked as Executive officer, Ministry of Home affairs, Ministry of Home affairs, Govt. of India. The guest lecture was motivational speech for engineering students to groom their career. Most of the Civil services exams questions were discussed in between the session and motivated the students to take up Civil services entrance to accomplish their dream in Public sectors.



Faculties and students listening to the speaker



Mr.Prakar Pandey speaking to faculties and students

## Work Shop

### *“Advanced IOT program using Texas Instrument MSP 430”*

Two days' work shop on Texas Instrument MSP 430 and Energeia software was conducted from 21.04.2018 to 22.04.2018. The objective of this workshop is to provide an opportunity for students to get aware of Advanced IOT programs and usage of Texas Instrument MSP 430 Microprocessor thereby developing a stepping stone towards the development of an Embedded System. The speakers were Mr. Sagar and Vivek, Application Engineers, Telos Technology, Bangalore.



HOD ECE honoring the speaker



Participants of the workshop

## Publications, conference, Work Shop FDP attended by Faculty

Name	Publication, Conference, Workshop and FDP	Title	Place and Date
Agalya P	Conference	Pre-conference Expert Lecture Series	18 <sup>th</sup> July 2018 at MSRIUAS Bangalore
Agalya P	Publication	Development & implementation of VLSI reconfigurable Craber filter in medical imaging application	IJEMR June 2018, Volume 8
Sangeeta K. Siri.	Publication	Universal Liver Extraction Algorithm an Improved Chan–Vese Model,	<i>Journal of Intelligent Systems</i> , 2018
Shobha S	Publication	An Electrocardiograph based Arrhythmia detection system International journal of engineering and management research	International journal of engineering and management research June-2018
Sudha M S	Publication	Effect of different attacks on image watermarking using dual tree complex wavelet transform (DTCWT) and principle component analysis (PCA)	IJET Sciencepubco

**Editorial Team:**

**Co-ordinator: Prof. Sudha M S**

**HOD: Prof. Sandhya Rani M H**

**Student Coordinator: Vinay (5 B) Ganesh (7 A)**