



**SAPTHAGIRI COLLEGE OF ENGINEERING,**  
(Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)  
**Department of Electronics and communication Engineering**

**Volume 2 September 2018 ECE PULSE**



**Vission:** 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**

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.



## **Guest Lecture1 Career Opportunities in Civil Services**

Guest lecture was conducted on career opportunities in civil services on 04.04.2018 by Mr. Prakhar 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.



Mr. Prakhar Pandey speaking to faculty and students. Faculties and students listening to the speaker

## **Workshop “Advanced IOT program using Texas Instrument MSP430”**

Two days' workshop on Texas Instrument MSP430 and Energia 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

Table:1 Publications, Conference & FDP

Sl. No.	Name	Activity	Title	Date & Place
1	Agalya P	Conference	Pre-conference Expert Lecture Series	18 <sup>th</sup> July 2018 at MSRIUAS Bangalore
2	Agalya P	Publication	Development & implementation of VLSI reconfigurable Craber filter in medical imaging application	IJEMR June 2018, Volume 8
3	Sangeeta K. Siri.	Publication	Universal Liver Extraction Algorithm an Improved Chan–Vese Model,	<i>Journal of Intelligent Systems</i> , 2018
4	Shobha S	Publication	An Electrocardiograph based Arrythmia detection system International journal of engineering and management research	International journal of engineering and management research June-2018
5	Sudha M S	Publication	Effect of different attacks on image watermarking using dual tree complex wavelet transform (DTCWT) and principle component analysis (PCA)	IJET Science pubco

# Student Achievement

Table:2 Cultural and Sports

Name	Event	Awards
Ms. Sneha Sunil Vaidya	Women's wrestling, Inter zonal/Single Zonal Tournament 2018-19 conducted by VTU	Participated,
Ms. Sneha Sunil Vaidya	Women's Judo Inter zonal /Single Zonal Tournament 2018-19 conducted by VTU	<b>Secured 3<sup>rd</sup> place.</b>
Ms. Sirisha C K	Women's wrestling, Inter zonal /Single Zonal Tournament 2018-19 conducted by VTU	<b>Secured 3<sup>rd</sup> place.</b>
Varna Shetty	JANANI- 2018 ,19th VTU Youth Fest held at Bheemanna Khandre Institute of Technology, Bhalki, Karnataka	Participated
Nikitha G	Bharat Scouts & Guides, Karnataka	Participated
C M Vamsi Krishna	Men's Judo, Inter zonal /Single Zonal Tournament 2018-19 conducted by VTU	Participated

## Acrylic Painting by student Geethanjali 1SG17EC033



### Editorial Team

Chief Editor:

Prof. Sandhya Rani M H

Prof. Sudha M S

Student Coordinator:

Vinay (5 B)

Ganesh (7 A)