

### SPARKLE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**VOLUME 8 FEBRUARY 6, 2019** 

### **HEARTY CONGRATULATIONS** TO THE ELECTRONICS & COMMUNICATION ENGINEERING STUDENTS

































































VISION

To produce compre-

creative and socially

responsible engineers

nation's imprint on the

MISSION

engineering

M2:To impart quality

education on par with industry requirements

through state of art

infrastructure, highly qualified and compe-

M3: Build cutting

edge technology hub adding to understud-

ies making progress

M4: To collaborate

association with gov-

society, alumni to promote entrepreneur-

M5: Develop student

centric methodology

by creative teaching-learning environ-

industry,

tent faculty.

ernment,

M1: Establish

trained,

techni-

competent,

hensively

innovative,

contributing

world

stage.

4VP15EC002 SILVERPEAK















4VP16EC409 ETHNUS

**VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR** 

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

# SPARKLE

Chief Editor Prof. Shrikanth Rao S. K. **VOLUME 8** 

Editor Ms. Sangeetha B.L.

Associate Editor Mr. Rajesh A. B.

**FEBRUARY 6, 2019** 

### ASSOCIATION OF ELECTRONICS AND COMMUNICATION ENGINEERING VALEDICTORY FUNCTION



Association of Electronics Communication Engineering valedictory was held on 23/05/2019. VI semester students welcomed the final year students. Final year students shared their valuable memories and experiences in Vivekananda College Engineering Technology, Puttur. HOD, Mr. Shrikanth Rao S.K. wished all the final year students for their upcoming journey of life.

#### STAFF ACTIVITY

A paper titled "Recent Advances in Brain Signal Analysis: Methods and Applications 2018" authored by Dr. Roshan Joy Martis, Department of Electronics & Communication Engineering published in Journal of Computational Intelligence and Neuroscience, Hindawi Publishers, 2018.

A paper titled "Recent advances in big data analytics, internet of things and machine learning." authored by Dr. Roshan Joy Martis, Department of Electronics & Communication Engineering for Future Generation Computer Systems in 2018.

A paper titled "Recent Advances in Biomedical Signal Processing Techniques, Biomedical Instrumentation and Bio Sensors Implicating Human Mechanics" authored by Dr. Roshan Joy Martis, Department of Electronics & Communication Engineering for Journal of Mechanics in Medicine and Biology, World Scientific Publishers, 2019.

Mr. Gurusandesh M and Mrs. Nirupama K, Assistant Professor, Department of Electronics and Communication Engineering attended 3 day workshop on "Aspects of LTE 4G" under TEQIP 1.3 held from 22<sup>nd</sup> to 24<sup>th</sup> March, 2019 at Sahyadri college of Engineering and Technology, Mangaluru.



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**FEBRUARY 6, 2019** 

Mr. Shivaprasad and Mrs. Rajani Rai B, Assistant Professor, Department of Electronics and Communication Engineering attended 2 day workshop on "e - Yantra" on 11/06/2019 and 12/06/2019 at Alva's Institute of Technology, Moodabidiri.

### "OPEN DAY" projects exhibition

Open day was organized in the Department of Electronics and Communication Engineering on 13/05/2019. All final year engineering projects were exhibited to all the students of our college as well as to the public in and around Puttur.

#### STUDENT ACTIVITY

Mr. Shashwath N G, Mr. Shylesh Kumar G Y, Ms. Shanitha U.M. and Ms. Saniya Taj of VIII semester Electronics and Communication Engineering showcased the project titled "Automatic Waste Segregation and Monitoring System" under the guidance of Mr. Gurusandesh M during the nodal level KSCST - SPP 42nd series at MITE, Moodabidiri on 14/05/2019 and got selected for State level Seminar and Exhibition



(S&E) which is to be held at L.L.E. Dr. M S Sheshgiri College of Engineering and Technology, Udyambag, Belagavi on 26th and 27th July 2019.

### 4th RANK IN M.Tech

Mrs. Shriraksha K.A. of Electronics and Communication Engineering secured 4th rank in Visveswaraya Technology University, Belagavi in M.Tech (LDS) in Digital Electronics and Communication Systems.



The paper titled "Electrocardiogram based Atrial fibrillation detection using principal component analysis and decision tree" by Ms. Sindura Saraswathi, Ms. Prafulla B. Prabhu, Mr. Keerthan Kolathaya N. and Mr. Maneesh M.S. under the guidance of Dr. Roshan Joy Martis and Mr. Shrikanth Rao S.K. was applied for EMB Conference 2019.

Online certification Course under Spoken Tutorial project developed by IIT Bombay for MHRD, Government of India as an objective to pass on the knowledge of technology and free and open source software (FOSS) through the website to the millions in our country who lack opportunities and access to learn any software.69 students from 4th, 6th & 8th semester of EC participated in this course. Out of which 37 students cleared and got the certificate. C course for 4th semester students, Scilab course for 6th semester students and Java course for 8 semester students on 10/05/2019.



Ms. Sindura Saraswathi, Ms. Prafulla B Prabhu, Mr. Keerthan Kolathaya N and Mr. Maneesh M S under the guidance of Mr. Shrikanth Rao S.K., presented and bagged 1st prize on a paper titled "Electrocardiogram based Atrial fibrillation detection using principal component analysis and decision tree" in the National Conference "Jnanasangama-2019" on 11/05/2019 held at Vivekananda College of Engineering and Technology, Puttur.

A talk was organized for pre final year students of Department of Electronics and Communication Engineering by the placed students of final year on 01/04/2019.



A Project titled "Campus Assistance System" carried out by students Ms. Harshitha K.K., Mr. Nagendra Subray Hegde,

Ms. Pruthvi C. Rai and Mr. Preethesh under the guidance of Mrs. Prabha G.S. has won the 1 prize in project exhibition





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING **FEBRUARY 6, 2019** 

### TECHNICAL TALK

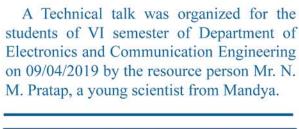


A workshop was conducted on basics of Arduino to II PUC science students of Vivekananda PU College on 15/03/19 in IoT lab.





One day technical training on "Auduino platform overview" was arranged for the II PUC physics teachers of Dakshina Kannada on 07/06/2019 organized by the Department Electronics and Communication Engineering.



Two day Faculty Development Programme on "IoT" was organized for the faculties of of Electronics Department Communication Engineering on 25/04/2019



One day technical training on "Usage of ORCAD simulation tool for basic electrical and electronic circuits" was arranged for the II PUC physics teachers of Dakshina Kannada on 07/06/2019 organized by the Department of Electronics and Communication Engineering.





Association of Electronics and Communication Engineering organized "Circuit Gallery" a mini project exhibition on 13/05/2019. The competition was conducted for IV & VI semester students which created a platform for exhibiting their technical



Workshop on Auduino platform was conducted for the II PUC students of Vivekananda PU College, Puttur and St. Philomena College, Puttur 20/05/2019 in IoT lab.