



### PAPER PRESENTATION BY FACULTIES

Dr. Roshan Joy Martis presented paper titled "Automated Diagnosis of Tachycardia Beats" in international journal Smart Computing and Informatics, pp. 421-429. Springer, Singapore, 2018.

Dr. Roshan Joy Martis presented paper titled "A Novel Fusion Approach for Early Lung Cancer Detection Using Computr Aided Diagnosis Techniques" in international journal Journal of Medical Imaging and Health Informatics.

Dr. Roshan Joy Martis presented paper titled "A Special Section on Early Cancer Detection and Machine Vision (Editorial)" in international journal Journal of Medical Imaging and Health Informatics 7.8 (2017): 1823-1824.

Dr. Roshan Joy Martis presented paper titled "Automated diagnosis of Coronary Artery Disease using pattern recognition approach" in international journal In Engineering in Medicine and Biology Society (EMBC), 2017 39th Annual International Conference of the IEEE, pp. 434-437. IEEE, 2017

Mr. Shivaprasad published paper titled "Gray Scale and Color image Enhancing using Adaptive Bi-Histogram Equalization and Control Stretch in Imperial Journal of Interdisciplinary Research; Volume-3, Issue-2; ISSN:2454-1362

### HOBBY PROJECT EXHIBITION

Hobby project exhibition for the I year students was organized by the department of Electronics and communication engineering on 07-05.18



### VALEDICTORY FUNCTION

Association of Electronics and Communication Engineers Valedictory was held on 26/05/18.



Alumni talk on "Campus recruitment and current opportunities" was conducted for VI semester students by Mr. Mohammed Niyaz Mustafa, Team leader from Infosys Mangalore on 10/02/18. 81 students attended the activity.



VI semester students welcomed Final year students. Final year students shared their four years of experience in VCET. HOD, Prof. Shrikanth Rao S K wished all the final year students for their dazzling future.

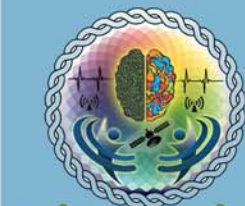
### ALUMNI TALK

Alumni talk was arranged for III year students of Electronics and communication Engineering on "How to pursue carrier in Electronics" by Mr. Dileep Kudva, Dialog Semiconductors USA on 07/05/18.



### ONLINE CERTIFICATION COURSE

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, free and open source software (FOSS) through the website to the millions in our country who lack opportunities and access to learn any software. 95 students from 4<sup>th</sup> & 6<sup>th</sup> semester of EC participated in this course. Out of which 38 students cleared and got the certificate under the coordination Ms. Aparna Nair M K.



### VISION

To produce comprehensively trained, innovative, technically competent, creative and socially responsible engineers contributing to nation's imprint on the world stage.

### MISSION

M1: Establish a unique academic environment to enable the students to face the challenges of the electronics and communication engineering field.

M2: To impart quality education on par with industry requirements through state of art infrastructure, highly qualified and competent faculty.

M3: Build cutting edge technology hub adding to understudies making progress

M4: To collaborate association with government, industry, society, alumni to promote entrepreneurship

M5: Develop student centric methodology by creative teaching-learning environment

Chief Editor  
Prof. Shrikanth Rao S. K.

Editor  
Ms. Sangeetha B.L.

Associate Editor  
Mr. Rajesh A. B.

VOLUME 6

FEBRUARY 12, 2018

### TEAM MUSTANG WON THE ELECTRIC SOLAR VEHICLE CHAMPIONSHIP (ESVC) - ISIE INDIA



The Electric Solar Vehicle Championship (ESVC) - ISIE India, Asia's largest solar event was held at Shree Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh from 27/03/2018 to 2/4/2018. Totally there were 81 teams registered out of

which 35 qualified for final round. Total 34 members of team MUSTANG from Vivekananda college of Engineering and Technology participated. The team won 1st prize in best research paper award, 1st prize in people's choice award and second prize in hill climb and also secured 6th position in overall ranking.

### STATE LEVEL PROJECT EXHIBITION & COMPETITION



Mr. Harikrishnan V, Mr. Kumaragovinda G & Mr. Ashweej Kumar Melanta, VIII semester under the guidance of Ms. Sangeetha B L showcased a project titled "Smart Rubber Tapping Machine using IoT" during Intercollegiate UG & PG project Exhibition cum Competition, I2 CONNECT (Industrial institute conclave on electronics, computational and communication technologies) organized by IEEE Mangalore Subsection in association with St. Joseph Engineering College, on 13<sup>th</sup> May 2018.

### "CIRCUIT GALLERY" MINI PROJECT EXHIBITION

Association of Electronics and Communication Engineering organized "Circuit Gallery" a mini project exhibition on 16/05/18. The competition was conducted for IV & VI semester students which created a platform for exhibiting their technical talents.



### PLACED STUDENTS LIST

MOKSHITH KUMAR  
Qspiders | Jspiders

VENKATAKRISHNA P S  
Qspiders | Jspiders

POOJITHA V  
Diya Systems Pvt Ltd.

VISHWITHA A  
Diya Systems Pvt Ltd.

VIKHYATH B  
Diya Systems Pvt Ltd.

SHRADDHA A P  
Diya Systems Pvt Ltd.

APOORVA K  
Diya Systems Pvt Ltd.

SURAKSHA G  
Diya Systems Pvt Ltd.

ANANYA B  
Diya Systems Pvt Ltd.

SHREERAKSHA C R  
Diya Systems Pvt Ltd.



## WORKSHOPS ATTENDED BY FACULTIES

Mrs. Deepashree A P and Mrs. Nirupama K attended Three days workshop on “ARM CORTEX M3”, associated with Electro Systems Associate Private Limite, held at Bengaluru, on 18-26<sup>th</sup> December 2017

Mrs. Rajani rai and Mrs. sowmya Anil attended Five days workshop on “Machine Learning and its Applications in Engineering and Technology”, held at NMAM Institute of technology, Nitte, on 2-6<sup>th</sup> January 2018

Mr. Mahabaleshwar bhat attended Three days workshop on “Embedded Controller Programming using ARM CORTEX -M3”, held at AIET Moodbidri, on 16-19<sup>th</sup> January 2018

Dr. Roshan Joy Martis has delivered a session and hands on training on “ECG Classification using Machine Learning” ina five day FDP held at NMAMIT, Nitte between 02/01/18 to 06/01/18.

Dr. Roshan Joy Martis presented a technical and hands on training on “Epilepsy Detection using EEG” in a workshop held at MIT, Manipal on 03/03/18.

Dr. Roshan Joy Martis delivered a technical session on “Cardiac Decision Making using Machine Learning” in a two day workshop held at MITE, Moodabidiri on 06/04/18 & 07/04/18



Two day FDP on “Introduction to embedded C” conducted by Mr. Pramod Kumar Bhat from Panasonic Semiconductor Singapore on 16-02-2018 and 17-02-2018 for EC Staff.

Two day FDP on “Analog & Digital communication” conducted by Mr. Goutham Simha from NITK, Surathkal for EC Staff.



One day workshop was conducted on Signal and Systems by Prof. Ajay Basthi, on 26/01/18 to all the EC staff.



## STUDENT ACHIEVEMENTS

Mr. Harikrishnan V, Mr. Kumaragovinda G & Mr. Ashweej Kumar Melanta under the guidance of Ms. Sangeetha B L participated in Final year Project Idea Presentation at SRISHTI-2018, State Level Project Exhibition & Competition on 22<sup>nd</sup> May 2018 to 24<sup>th</sup> May 2018 held at Dayanand Sagar College of Engineering, Bangalore.

Ms. Amulya B J, Mr. Akshay H S, Mr. Muhammed Irshad, Mr. Mokshith Kumar, VIII semester presented paper in I2 CONNECT (Industrial institute conclave on electronics,computational and communication technologies) organized by IEEE Mangalore subsection in association with St.Joseph Engineering College on 13<sup>th</sup> May-2018.

Mr. Harikrishnan V, Mr. Kumaragovinda G & Mr. Ashweej Kumar Melanta under the guidance of Ms. Sangeetha B L participated in Nodal level Seminar and Exhibition held at St. Joseph Engineering College, on 14<sup>th</sup> May 2018 under KSCST 41<sup>st</sup> series of SPP.

Ms. Ahana Rai, Mr. Madhusoodana S, Mr. Abhishek K and Mr. Ananthesh V under the guidance of Mr. Ramchandra B participated in Nodal level Seminar and Exhibition held at St. Joseph Engineering College, on 14<sup>th</sup> May 2018 under KSCST 41<sup>st</sup> series of SPP.

Ms. Shreeraksha K A, Final year M.Tech published paper entitled on MQTT based kitchen monitoring and controlling in IJRASET(International journal for research in Applied Science and engineering technology) Volume 6 Issue IV April-2018.

## SWATCH VCET

“Clean and Green is our Perfect Dream”. Keeping the same objective and global need, Department of Electronics & Communication Engineering of VCET observed “Swatch VCET” program on 18/05/18. The students, faculty & staff participated in this programme and contributed to the cleanliness drive.



## STUDENT ACTIVITY



A talk was given on “Engineering Degree road ahead” by Mr. Abhijeeth Rao, on 25/09/2017 for final year students of EC.

One day Activity on “Realization of digital circuits using LABVIEW” was conducted for VI semester students by Mr. Gurusandesh M, Mr. Vyasraj T, & Mr. Naveena C on 05/02/18 and 12/02/18. 97 students attended the activity.

One day Talk on “Placement preparation and Corporate Orientation” was conducted for VI semester students by Dr. Shekar S. Iyer, Director, Dept of MBA on 05/02/18. 49 students attended the activity.



One day Talk on “Realization of Op Amp Circuits using TINA” was conducted for IV semester students by Ms. Velloree Khuraijam, Mrs. Jovita Lasrado, Mrs. Nirupama K and Mrs. Rashmi A V on 02/07/18. 49 students attended the activity.



One day Talk on “Design and Analysis of basic signals using MATLAB.” was conducted for IV semester students by Mr. Naveena C and Mr. Vinay P on 07/02/18. 34 students attended the activity.



One day activity on “Realization of Op Amp Circuits using TINA” was conducted for IV semester students by Mr. Vyasraj T, Mr. Ramachandra B, Mrs.Nisha G R and Ms. Sangeetha B L on 22/02/18. 34 students attended the activity.



One day activity on “Hardware Programming using 8051 Microcontroller” was conducted for VI semester students by Mrs. Rajani Rai B and Mr. Suhandas on 6/4/18 and 16/4/18. 48 students attended the activity.

One day activity on “Design and analysis of basic signals using MATLAB” was conducted for IV semester students by Mr Naveena C and Mr Vinay P on 14/02/18. 38 students attended the activity.

One day activity on “Pattern recognition using MATLAB” was conducted for VIII semester students by Mr Shivaprasad on 14/02/18. 30 students attended the activity.

## PLACED STUDENTS LIST

POOJITHA V  
Path Front

SHREERAKSHA C R  
Path Front

SUPREETHI N  
Ethnus Consultancy Services Pvt.Ltd

SHRUTHI A S  
Ethnus Consultancy Services Pvt.Ltd

DIVYA R  
Ethnus Consultancy Services Pvt.Ltd

KRITHIKA K C  
FACE

SHASHITH SHANKAR SHETTY  
FACE

ADITHYA K P  
FACE

CHAITRA KAKATHKAR  
FACE

AMULYA B J  
Citrix R&D India Limited,  
Qspiders | Jspiders

AYISHA SABIRA SUHAINA  
Qspiders | Jspiders

APOORVA K  
Qspiders | Jspiders

## PLACED STUDENTS LIST

POOJAN  
Artech Infosystems Pvt. Ltd

AKSHATHA B NAYAK  
Artech Infosystems Pvt. Ltd

SONALI C V  
Artech Infosystems Pvt. Ltd

SINCHANA POOJARY B  
Bizlog

CHINMAYA HARISHKUMAR RAO  
Bizlog

AKSHAY H S  
Tessolve, Infosys

PRATHIKSHA K S  
Infosys, SAP Labs

AHANA RAI  
Micro Land

DARSHINI VANNUR  
Micro Land

ABHISHEK K  
Tessolve

SHRAYVA B R  
Statlabs

MADHUSOODANA S  
TVM Signalling & Transportation  
Systems