



# YANTRAMAN

## News Bulletin



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

SEPT 2020 - Feb 2021

VOLUME 04 | ISSUE 01

### VISION

To inspire innovations so as to carve a niche in the field of Electronics and Communication Engineering by inculcating a spirit of creative thinking and train the students in present technologies to meet industrial as well as social needs.

### MISSION

To inspire innovations so as to carve a niche in the field of Electronics and Communication Engineering by inculcating a spirit of creative thinking and train the students in present technologies to meet industrial as well as social needs.

### PROGRAM EDUCATION OBJECTIVES

- ❖ Excel in professional career and/or higher education by acquiring required up to date knowledge in area of Electronics and Communication Engineering.
- ❖ Analyze real life problems, design appropriate systems to provide solutions that are technically sound, economically feasible and socially acceptable.
- ❖ Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.

### HOD MESSAGE



**Prof. Gangadhara**  
Head of the Department

**"To an optimist glass is half full,  
to a pessimist is half empty"**

**To an Engineer it is twice as big as it needs to be"**

It gives me a great pleasure to congratulate students, faculty and staff members of ECE department for the publication of the newsletter. This newsletter believed to be a focus of internal activities of the department. It highlights the academics, student and faculty achievements. It also summarizes the Technical and Non-technical activities conducted as well as participated by the department. This motivates students and faculty to share their views, ideas towards overall development of the department.

Wide spectrum of articles gives us the sense of pride that our students and faculties possess creative potential and unique thinking in ample measures. I applaud the contributors for the stimulated thoughts and varied hues in the articles contributed by them. I extend my thanks to Management, principal, editorial board and all contributors for the success of this newsletter.

## EDITORIAL BOARD

*Dear readers, the department magazine "YANTRAMAN" is ready to showcase the activities that are happening in the department. We feel privileged in presenting the edition of our department magazine. The purpose of the Magazine is to provide a platform to the students and staff to give expression to their original thoughts and thus develop an important aspect of their personality. This edition of "YANTRAMAN" has loads of information about the department activities including interviews with our staff. It also includes the student achievements in co-curricular and extra-curricular activities. These show their ability to tune physical skills and achieve a competency in sports and games.*

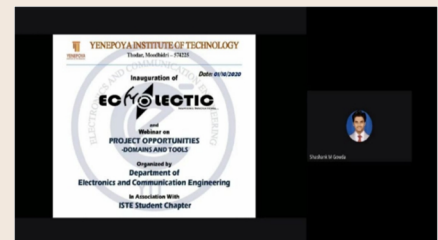
*We take this opportunity to thank all those authors who have contributed the articles and the members of the editorial board and designers. Lastly, We would like to place on record our gratitude and heartfelt thanks to all those who have contributed to make this effort a success.*

### STUDENT COORDINATOR

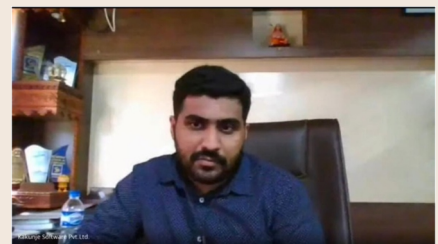
- **Mr. Abdul Mufeed** - III Sem
- **Mr. Sachin** - VII Sem
- **Mr. Sourabh K.** - VII Sem

## DEPARTMENTAL ACTIVITIES

- The Department of Electronics and Communication Engineering in association with ISTE Student Chapter inaugurated Student's Chapter ECHOLECTIC on 1st October 2020 in Google meet platform. For academic year 2020-21 Mr. Vighnesha of final year ECE has been elected as the President and Ms. Noushina Ashraf of final year ECE has been elected as the Secretary.



A Technical Talk (Webinar) was also held on the topic "Project Opportunities-Domain and Tools" on the same event by Mr. Gopala Krishna Bhat Kakunje, CEO and Managing Director Kakunje Software Pvt. Ltd., which was an interactive and informative session.



- A Webinar on "Powerful Leadership Skills and Grow Your Belief System" was held on 6th January 2021 in Google meet platform. Mr. Hisar Tallani CMD/Founder Hisar Events and Celebrations, Mangalore was the resource person for the event.

He inspired all students with his wonderful speech





- A Two-Day International Conference on Frontiers in Engineering Science & Technology (ICFEST-2020) was held on 18th and 19th December, 2020 at Yeneploya Institute of Technology (YIT), Moodbidri, in Collaboration with IOP Material Science & Engineering. The conference was jointly organized by Department of EEE & ECE.
- Dr. Subramanya Bhat was the Chairperson of the session. Prof. Prasanna Kumar, HOD, Dept. Of EEE., Prof. Gangadhara, HOD, Dept. Of ECE, were the Convener and Mr. Shankar Pai, Asst. Prof., Dept. of EEE., Mrs. Jayashri P, Asst. Prof., Dept. of EEE., Mr. Mohan Kumar M, Asst. Prof., Dept. of ECE., Mr. Harsha C J, Asst. Prof., Dept. of ECE., YIT were the Coordinators. Eminent faculty members, research scholars, academicians were invited for the conference. About 62 participants (Faculty, Research scholar, UG & PG students) from various institutions participated in this two-day international conference.
- After inaugural ceremony, conference proceedings were released by the delegates. Dr. Subramanya Bhat delivered an invited talk on Ambient Intelligence.







International Conference  
On  
Frontiers in Engineering Science and  
Technology(ICFEST-2020)  
Date:18-12-2020

**“BATTERY HEALTH MONITORING SYSTEM”**

By  
Rashmi D.B  
ICFESTECE-003  
M.Tech  
VLSI design and embedded systems

**AN ENSEMBLE CLASSIFICATION  
BASED APPROACH FOR  
BREAST CANCER PREDICTION**

Vijayalakshmi G V  
Dept. of ECE, BMSIT&M  
Mohan Kumar M  
Dept. of ECE, YIT

YENEPOYA INSTITUTE OF TECHNOLOGY

International Conference on Frontiers in Engineering  
Science and Technology - 2020

**COMPARISON BETWEEN CMOS  
FULL ADDER AND PTL FULL ADDER**

By:  
AMITHA.M  
SIT, Tumkur  
ICFEST-ECE004

- Mr. Mohan Kumar and Dr. Vijaya Lakshmi Mahesh participated and presented a Paper “An Ensemble Classification Based Approach for Breast Cancer Prediction” in the International Conference on Frontiers in Engineering Science and Technology (ICFEST-2020).
- Mr. Bharatesh B, Ms. Harshitha K., Ms. Anusha., Ms. Shilpa B.C., Ms. Supreetha participated and presented a Paper “Intelligent Face Mask with Voice Amplification” in the International Conference on Frontiers in Engineering Science and Technology (ICFEST-2020).
- Prof. Gangadhara, Ms. Akshatha H., Mr. Deepak, Ms. Heena Parveen participated and presented a Paper “Bore well Rescue System” in the International Conference on Frontiers in Engineering Science and Technology (ICFEST-2020).
- Ms. Rebecca Angela Fernandes, Ms. Anusha Manjunath, Mr. Anubhav Prakash K.P., Mr. Anurag E.P. and Mr. Muhammed Fayis P. participated and presented a Paper “Smart Waste Management System” in the International Conference on Frontiers in Engineering Science and Technology (ICFEST-2020).

# FACULTY ACHIEVEMENTS

## Mr. Shashank M Gowda

- Delivered two sessions as a guest speaker in AICTE Sponsored Six days Short Term Training Programme (STTP) on “Hands on approach for Design and Implementation of Digital Circuits using Open Source Co
- Delivered two sessions as a guest speaker in AICTE Sponsored Six days Short Term Training Programme (STTP) on “Hands on approach for Design and Implementation of Digital Circuits using Open Source Computer mputer Aided Design (CAD) tools – II” from 02.11.2020 to 07.11.2020 organized by Department of ECE of SRM Valliammai Engineering College, Tamilnadu.
- Aided Design (CAD) tools – III” from 23.11.2020 to 28.11.2020 organized by Department of ECE of SRM Valliammai Engineering College, Tamilnadu.
- Succesfully completed One Month online programme on Training' held from 30/11/2020 to 31/12/2020 organized by MSME-Technology Development Centre, PPDC Agra.
- Presented a paper on “A Survey on Methodologies and Database used for Facial Emotion Recognition” at International Conference (Virtual) on VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems (VSPICE-2020) during 22nd-23rd December 2020 organized by the Department of Electronics & Communication Engineering, N.M.A.M. Institute of Technology, Nitte, Karkala. This paper is accepted for publication in Springer Lecture Notes in Electrical Engineering with the book cover 'Advances in VLSI, Signal Processing, Power Electronics, IoT, Communication and Embedded Systems', ISBN 978-981-16-0442-3.
- Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Robotics" from 2020-12-14 to 2020-12-18 organized by the department of Mechanical Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai.
- Participated & Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "3D Printing & Design" from 2020-11-30 to 2020-12-4 organized Academy Online FDP on "Robotics" from 2020-12-14 to 2020-12-18 organized by the department of Mechanical Engineering, Ramrao Adik Institute of Technology,
- Appointed as Joint- Secretary of ISTE Karnataka Section, Karnataka during 21st ISTE Meeting which was held on 7/11/2020.

## Mr. Bharatesh B.

- Participated and completed the training on "Recent Trends in Artificial Intelligence and Machine Learning using Python conducted by Mangalore University Incubation Center(MUIC) on 12th and 13th February 2021.

## PLACEMENT DETAILS

- Five students are placed in top companies as on February 2021. Their names are as follows.

Sl.No.	Student Name	Company
1.	SWASTHI S	TCS
2.	SUPREETHA	SLK
3.	ABHISHEK V.	DESTINATION TECHNOLOGIES
4.	SHILPA B. C.	DESTINATION TECHNOLOGIES
5.	SOUMYA M.	DESTINATION TECHNOLOGIES



## TOPPERS

Sl. No.	Student Name	Semester	Result
1.	Mr.Kiran Paul T	VIII	86.7%
2.	Ms.Supreetha	VI	89.5%
3.	Ms.Fiza	IV	88.4%