



YANTRAMAN

News Bulletin



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

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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

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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.

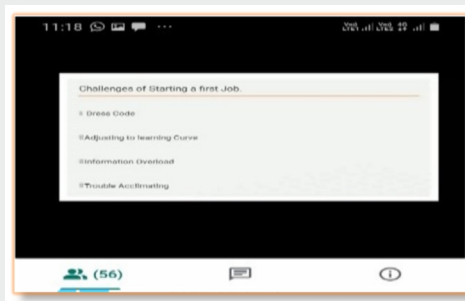
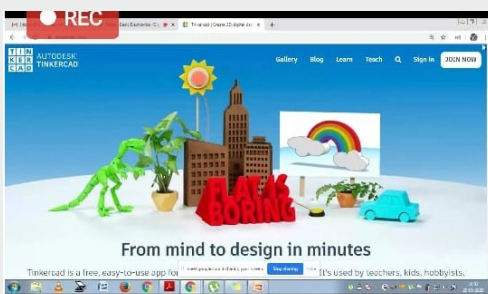
Prof. Austin Pais, Editorial Board
Staff Coordinator

STUDENT COORDINATOR

- **Mr. Sachin** – 7th Sem
- **Mr. Sourabh** – 7th Sem
- **Tasneem Afrida** – 7th Sem

DEPARTMENTAL ACTIVITIES

- A Five Day FDP on "MATLAB and Machine Learning" was jointly organized by Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering from 28th Jan to 1st Feb 2020. Mr. Premkumar, Embedded Software Engineer, QRIPTO Technology, Bengaluru was the resource person for the event.
- Two Day Online Workshop on "IOT Simulation using Tinkercad" was held on 28th & 29th May 2020 using Google meet platform. Mr. Vinay Kumar B C (Assistant Professor, SKIT, and Bangalore) & Dr. Dankan Gowda V (Assistant Professor, B.M.S.I.T & M, Bangalore) were the resource persons for the event.



- Mr. Vinay Kumar B. C. explained the concept of IOT from endpoints within the customer's environment destined to/from the internet for Day1. Dr. Dankan Gowda explained the fundamental concepts of Tinkercad, Arduino in Tinkercad and various hands on projects with Arduino using Tinkercad for Day 2. He also stressed the need of strong foundation in the IOT concept to choose a career in automated technology.
- A Webinar on Machine Learning was held on 30th May 2020. Mr. Ramadasa Hegde A. Technology Analyst, Infosys Pvt. Ltd., Mangaluru was the resource person for the event.

In his keynote address, he enlightened about Machine learning and Artificial intelligence by taking an applications of facial and speech recognition. He elaborated about the versatility of the engineering and encouraged the students to solve critical problems using Machine Learning

PLACEMENT DETAILS

- The Department has a record of 17 students being placed in top companies as on August 2020. Their names are as follows.

Sl.No	Name	Company
1	Vikas Kumar	SLK Software
2	Karthik	SPG, Japan
3	Kiran Paul	SLK Software
4	Vishnu Prakash	SPG, Japan
5	Vipul Kumar	Bosch
6	Krithi	Nettyfish
7	Hafiza	TCS
8	Thejaswini	SPG, Japan
9	Sharin Fernandes	Cognizant
10	Suraj Anchan	Cognizant
11.	Adarsh Suvarna	SPG, Japan / Bosch
12	Fathimathul Razeema	Uttara Infosolutions, KODNEST,QSPIDER
13	Sabira H	Destination Technologies
14	Sachin	DXC Technologies
15	Sushmitha	QSPIDER
16	Tasneem Afrida	DXC Technologies
17	Shwetha B	KODNEST



STUDENT'S ACHIEVEMENTS

- Our student's Project entitled "Avathi:-Smart Vanity for Women Safety" under the guidance Mr.Shashank M Gowda, Assistant Professor, E&C department was selected from KSCST.
- Project entitled "Mirro Cool-Smart Mirror" under the guidance of Mr. Austin Pais, Assistant Professor, E&C department was selected from KSCST and was awarded as the Best Project of the Year.

FACULTY ACHIEVEMENTS

- **Mr. Gangadhara**, Assistant Professor / HOD presented the research paper entitled "Signal Analysis and Filtering using the Dimensional Hilbert Transform" in the 1st International Conference on Advances in Physical Sciences and Materials (ICAPSM 2020) held at Coimbatore, Tamil Nadu, during 13-14, August 2020.
- **Mr. Gangadhara**, Assistant Professor / HOD participated in IIT, Bombay recognized Faculty Development Program on Arduino conducted by ECE Department from 1st June to 5th June 2020 at King's Engineering College Chennai.
- **Mr. Harsha C. J.**, Assistant Professor published paper titled "Intelligent Plastic Sorting System" in International Research Journal of Engineering Technology 2020.
- **Mr. Kiran A. R.**, Assistant Professor has conducted workshop on Landscape Photography in association with Poornachandra Tejaswi Trust, Kottigehara.
- **Mr. Harsha C J.**, Assistant Professor, participated in the AICTE recognized Online FDP on Image and Embedded Processing from 11th May to 15th May 2020 organized by Department of ECE NITTTR, Chandigarh.
- **Mr. Mohan Kumar M.**, Assistant Professor, participated in TEQIP 1.3 sponsored Five Day program on "Outcome Based Education and NBA Accreditation" from 30th December to 03rd January 2020.
- **Mr. Mohan Kumar M.**, Assistant Professor, participated in the AICTE recognized FDP on "Internet of Things" from 15th April to 19th April 2020 organized by Department of CSE NITTTR, Chandigarh.
- **Mr. Kiran A. R.**, Assistant Professor published paper titled "LINUX Application in Engineering Education" in International Research Journal of Engineering Technology from 27/04/2020 to 01/05/2020.

- **Mr. Bharatesh B.** Assistant Professor participated in AICTE Recognized online Faculty Development Programme on “Imaging and Embedded Systems” by NITTTR, Kolkata from 11th May to 15th May 2020.
- **Mr. Bharatesh B.** Assistant Professor participated in online AICTE Recognized Faculty Development Programme on the topic “Technological Interventions using Wireless Communication” by NITTTR from 18th May to 22th May 2020.
- **Mr. Bharatesh B. and Mr. Shashank M. Gowda**, Assistant Professors, presented a paper entitled “Facial Emotion Recognition for Smart Applications” and has been awarded with Best Paper in the National Conference on Communication and Data Science (NCCDS-20) at GSSSIETW, Mysuru, on 15th July 2020.
- **Mr. Shashank M. Gowda**, Assistant Professor presented Webinar on Electronic Circuits Simulation using Tinkercad on 02/05/2020 in a webinar series organized by Excel Engineering College, Chennai.
- **Mr. Shashank M. Gowda**, Assistant Professor attended as a Resource person in 3 Day Short Term Course on Electronic Circuits Simulation and PCB Design organized by InvihubTechnosolutions Pvt. Ltd. Bangalore in association with Kotumb Bangalore from 12th June to 14th June 2020.

TOPPERS LIST

Sl. No.	Student Name	Semester	Result
1.	Kiran Paul	VIII	86.7%
2.	Supreetha	VI	89.5%
3.	Fiza	IV	88.3%