YENEPOYA INSTITUTE OF TECHNOLOGY

NEWS BULLETIN

YANTRAMAN

(March 2021 – Oct 2021)

VOLUME 04 | ISSUE 02

Department of Electronics & Communication Engineering

Department of Electronics & Communication Engineering

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 continuously keep abreast with current trends and technology that support the students to excel in the area of Electronics & Communication Engineering.

❖ Provide ethical and value based education by promoting activities addressing the social and industrial needs.

❖ Equip students with a study foundation in Electronics & communication technology concepts to enable them for continuing education.

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.

~ Mrs. Nazia Abdul Majeed
Staff Co-ordinator
Dept of ECE

STUDENT COORDINATOR

- ❖ Mr. Abdul Mufeed – IV Sem
- ❖ Ms. P N Anvitha – IV Sem
- ❖ Ms. Pooja K V – IV Sem
- ❖ Mr. Sachin – VIII Sem
- ❖ Mr. Sourabh K.- VIII Sem
- ❖ Ms. Amruthapriya – VI Sem
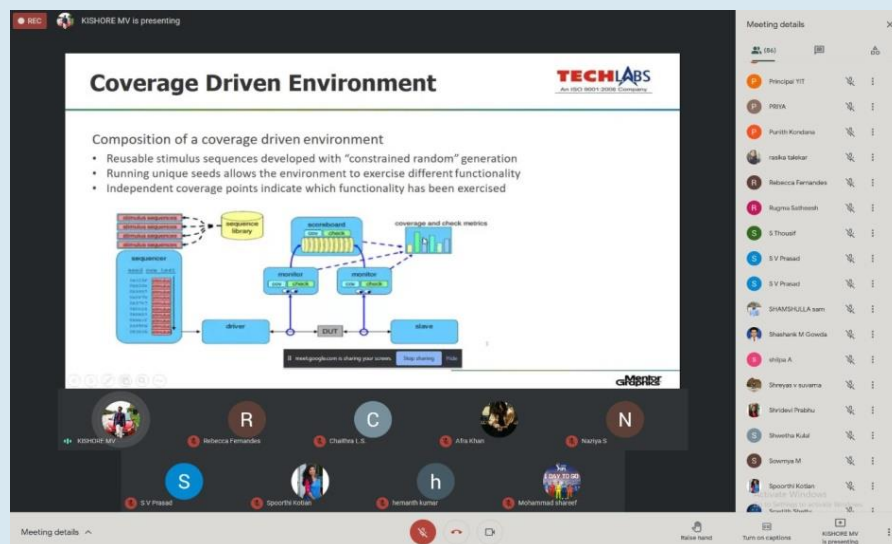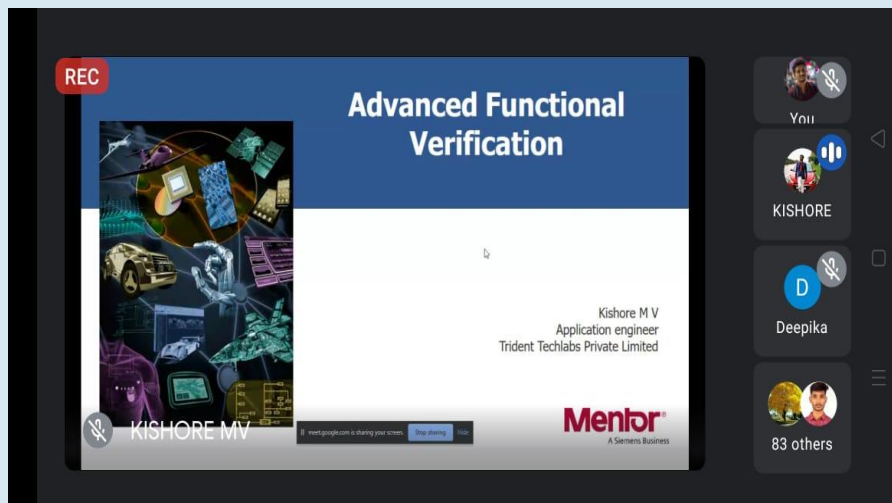- ❖ Ms. Nikath Fathima – VI Sem

- The Department of Electronics and Communication Engineering of Yenepoya Institute of Technology, Moodbidri in association with **ISTE** student chapter (KA-109) organized Five Day Faculty Development Program on "**Applications Of Artificial Intelligence Using Python**" from 06/04/2021 to 10/04/2021.

  Mr. Chetan Shetty, Lead Data Scientist, HCL Technologies, Bangalore , Dr. Roshan Fernandes, Associate Professor, Department of CSE,NMAM IT, Nitte, Pro. Balaji N, Assistant Professor, Department of CSE, NMAM IT, Nitte were the resource persons of this program. The resource persons gave deep insight into Artificial Intelligence and Data Science – An Overview of Basic AI and DS Models, NLP Techniques and Machine Learning, Deep Learning.

- **Webinar** on **"Advanced Functional verification in VLSI"** was held on **29th May 2021. Mr.Kishore .M.V Trident Techlabs Pvt Ltd,Bangaluru** was the resource person for the event. The resource person emphasized on Functional verification process and enlightened the students with different techniques that can be employed using VLSI.

STUDENTS ACHIEVEMENTS

- **Venkatesh C., Puneeth, Varun Shetty and Suraj** participated **in IEEE BIT Mini Project Competition-2021** organized by IEEE Student Branch, Bangalore Institute of Technology, Bengaluru on 1st July 2021 and bagged **First Place** and Cash prize of Rs. 2000.

- **Dileep Kumar, Amal Francis, Naveen S, Sourab K. and Bharatesh B., published a paper titled "ERUDITO: The Voice Controlled Robot", in International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181**

- **Mr. Harsha C J, Mr. Shreyas V Suvarna, Nishanth L Amin, Vivek Shetty and Yajnesh B Karkera published a paper titled "Automatic Coagulation Process of Rubber" International Journal of Advances in Engineering and Management (IJAEM), pp: 3126- ISSN: 2395-5252, Volume 3, Issue 7 July 2021.**

- **Abhishek V, Shithil K, Srastith Shetty, Joel Paul Alvares and NaziaAbdul Majeed published a paper titled "PCB Defect Detection Using Image Processing" International Journal of Advances in Engineering and Management (IJAEM) Volume 3, pp: 3029-3031 ISSN: 2395-5252, Issue 7 July 2021.**

FACULTY ACHIEVEMENTS

Mr. Gangadhara

- ➢ Participated in five days Faculty Development Program on "Recent Trends in Medical Imaging and Communications" organized by A.J. Institute of Engineering & Technology from 24/06/2021 to 29/06/2021.

- ➢ Participated in AICTE sponsored online Two Week online Faculty Development Program on "Machine Learning and Deep Learning An application Perspective" organized by A.J. Institute of Engineering & Technology from 22/03/2021 to 03/04/2021.

- ➢ Participated in five days Virtual Faculty Development Program on" Emerging Trends in Electronics and Communication Engineering" organized by Moodlakatte Institute of Technology, Kundapura from 22/03/2021 to 26/03/2021.

- ➢ Participated in six days AICTE –ISTE funded Induction program on "Future Wireless Communication: Standard and Technologies" organized be K.S. Institute of Technology from 24/05/2021 to 29/05/2021.

Mr. Bharatesh B.

- ➢ Participated in six days AICTE –ISTE funded Induction program on "Future Wireless Communication: Standard and Technologies" organized be K.S. Institute of Technology from 24/05/2021 to 29/05/2021.

- ➢ Participated in five days Virtual Faculty Development Program on" Emerging Trends in Electronics and Communication Engineering" organized by Moodlakatte Institute of Technology, Kundapura from 22/03/2021 to 26/03/2021.

- ➢ Participated in five days Faculty Development Program on "Applications of Artificial Intelligence using Python" organized by Yenepoya Institute of Technology from 06/04/2021 to 10/04/2021.

Mr. S.V.Prasad

- ➢ Participated in five days Faculty Development Program on "Applications of Artificial Intelligence using Python" organized by Yenepoya Institute of Technology from 06/04/2021 to 10/04/2021.

- ➢ Participated in six days AICTE –ISTE funded Induction program on "Future Wireless Communication: Standard and Technologies" organized be K.S. Institute of Technology from 24/05/2021 to 29/05/2021.

Ms. Nazia A. M

- Participated in five days Faculty Development Program on "Applications of Artificial Intelligence using Python" organized by Yenepoya Institute of Technology from 06/04/2021 to 10/04/2021.

- Participated in six days AICTE –ISTE funded Induction program on "Future Wireless Communication: Standard and Technologies" organized be K.S. Institute of Technology from 24/05/2021 to 29/05/2021.

- Completed a EdX course of study offered by IBM on "Artificial Intelligence for everyone: Master the basics"

- Completed a EdX course of study offered by IBM on "AWS-IOT Developing and Deploying Internet of things ".

Mr. S.V. Prasad

- Participated in five days Faculty Development Program on "Applications of Artificial Intelligence using Python" organized by Yenepoya Institute of Technology from 06/04/2021 to 10/04/2021.

- Participated in six days AICTE –ISTE funded Induction program on "Future Wireless Communication: Standard and Technologies" organized be K.S. Institute of Technology from 24/05/2021 to 29/05/2021.

Ms. Rebecca Fernandes

- Participated in five days Faculty Development Program on "Applications of Artificial Intelligence using Python" organized by Yenepoya Institute of Technology from 06/04/2021 to 10/04/2021.

- Completed a EdX course of study offered by IBM on "Artificial Intelligence for everyone: Master the basics"

- Completed a EdX course of study offered by IBM on "AWS-IOT Developing and Deploying Internet of things ".

- Participated & Completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Role of Augmented Reality (AR) & Virtual Reality (VR) in Real – Time Applications" from 2021-06-07 to 2021-06-11 at Karunya Institute of Technology and Sciences.

Mr. Shashank M. Gowda

- Participated in five days Faculty Development Program on "Applications of Artificial Intelligence using Python" organized by Yenepoya Institute of Technology from 06/04/2021 to 10/04/2021.

STUDENTS PLACED

Name	Company
Swasthi S	TCS
Rasika	TCS
Abhishek	TCS
Supreetha	Slk
Abhishek V	Destination Technologies
Shilpa B C	Destination Technologies
Sowmya M	Destination Technologies
Harshitha	Webwings Global Solutions
Anusha Manjunath	G10x Digital Services
Swasthi S	Sp Global
Anusha Manjunath	Royz Group
Deepika	Qspiders
Deekshith Keshava Gowda	Qspiders
Harshitha Jathan	Qspiders
Anand C H	Qspiders
Jency P L	Qspiders
Vighnesha	Qspiders
Deekshitha	Qspiders
Anusha Manjunath	Royz Group
Shamshulla	Pentagon Space Pvt. Ltd
Ankitha Mohandas	Pentagon Space Pvt. Ltd
G Praveen Acharya	Pentagon Space Pvt. Ltd
Niha	Pentagon Space Pvt. Ltd
Sowmya M	Pentagon Space Pvt. Ltd
Sandhya M Badiger	Pentagon Space Pvt. Ltd
Sooraj	Pentagon Space Pvt. Ltd
Shwetha Kulal	Pentagon Space Pvt. Ltd

Heena	Pentagon Space Pvt. Ltd
Abhishek V	Wipro
Amal Francis	Accenture

TOPPERS

SI. 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%**

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