

**K J SOMAIYA INSTITUTE OF  
ENGINEERING & INFORMATION  
TECHNOLOGY**

**Department of Electronics &  
Telecommunication Engineering**

***ABHIYANTRIKI***

**Issue-7 Vol-1**

**Departmental Newsletter**

**July-December2017**



**Vision of the Department: -**

- To provide excellent academic environment that helps students to develop their technical knowledge and learning skills to become successful engineers.

**Mission of the Department: -**

- To achieve the Vision of the department following Mission statements are defined.
- **M1:** To offer required training in

Electronics and Telecommunication Engineering to groom students into successful professionals.

- **M2:** To instill the skills that enable students to design and implement the technical solutions.
- **M3:** To inculcate ethical behavior in students.

**Program Educational Objectives (PEOs): -**

- **PEO1:** To train learners to analyze and apply the engineering fundamentals to formulate solutions by using appropriate engineering techniques and tools.
- **PEO2:** To make the learners aware of professional practices in Electronics and Telecommunication engineering sector, scientific research, and career.
- **PEO3:** To apply the knowledge of Electronics and Telecommunication Engineering to solve societal and environmental problems.
- **PEO4:** To develop the necessary professional skills of learner along with effective oral and written communication skills.

**Staff Achievements: -**

Prof. Namrata Gharat submitted Minor Research Project grant at University of Mumbai on the topic of Sustainable Water Management System for Smart Cities.

Prof. Pranali Hatode submitted Minor Research Project grant at University of Mumbai on the topic of Identification of Diabetic Retinopathy Using Retinal Optical Images

Prof. Swati Shinde submitted Minor Research Project grant at University of Mumbai on the topic of Impulse Noise Removal System

Prof. Sarika Bukkavar conducted guest lecture on Industrial Application of AC analysis and designing of FET amplifier for SE- A & B division students on 25<sup>th</sup> October 2017.

Dr. Johnathan Joshi conducted guest lecture on Python Programming for TE- A & B division students on 06<sup>th</sup> October 2017.

Final year students Chaudhari Aditya, Chauhan Abhishek, Chavan Kshitija, Aggarwal Divya completed project on 'Landmark Identification of Fundus Images in eyes' sponsored by Aditya Jyot Eye Hospital under the guidance of Prof. Pranali Hatode.

Final year students Patil Poonam, Patil Sujata, Tupe Pooja, Vasumani Yashodha partially completed project on Detection of Diseases related to Diabetic Retinopathy' sponsored by Aditya Jyot Eye Hospital under the guidance of Dr. Jayashree Khanapuri.

Final year students Vijay Rasal, Vaishnavi Palod, Vighnesh Mane, Janhavi Prabhulkar partially completed project on 'Detection of Exodius in Fundus Image using Canny Edge Detection Method' sponsored by Aditya Jyot Eye Hospital under the guidance of Prof. Pranali Hatode.

Prof. Namrata Gharat published paper on 'RADAR System for Medical Lab Security' in International Journal for Scientific Research & Development Vol. 5, Issue 02, ISSN (online): 2321-0613 in November 2017.

Prof. Namrata Gharat published paper on '1 x 1 Elliptical Patch Antenna' in 4<sup>th</sup> International Conference on Emerging Trends in Engineering and Management Research at Institution of Electronics and Telecommunication Engineers, 62

Indiranagar, Pune, India on 23<sup>rd</sup> September 2017.

Prof. Namrata Gharat published paper on '1 x 1 Elliptical Patch Antenna in IOSR Journal of Electronics and Communication Engineering ISSN – 2278-2834, Vol. 12, Issue 5 in Sept 2017.

Prof. Namrata Gharat published paper on 1 x 1 Rectangular Patch Antenna' in IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI 2017) at Saveetha Engineering College, Thandalam, Chennai, Tamilnadu in 21<sup>st</sup> – 22<sup>nd</sup> September 2017.

Prof. Namrata Gharat published paper on 'Rectangular Patch Antenna' in IOSR Journal of Electronics and Communication Engineering ISSN – 2278-2834, Vol. 12, Issue 5 in Sept-Oct 2017.

Prof. Namrata Gharat published paper on 'Method to Improve Bandwidth of Microstrip Antenna' in International Journal of Innovations in Engineering Research and Technology ISSN 2394-3695 in Sept 2017.

Dr. Jayashree Khanapuri published paper on 'Rectangular Patch Antenna' in 2017 First international Symposium on Signal and Image Processing (ISSIP – 2017) in 1-2 Nov 2017.

First Parents Teacher Meeting in current Academic Year was conducted on September 16, 2017 and 22 parents were reported for the same.



Glimpse during Parents Teacher Meeting  
(Speech delivered by Dr. Jayashree Khanapuri  
(HOD(EXTC))

- **Meeting with Dr. Radhika from Aditya Jyot Eye Hospital:** -On 4<sup>th</sup> October 2017, some of the teachers and students of Electronics and Tele communication department had a meeting with Dr. Radhika from Aditya Jyot Eye Hospital, regarding the projects. Students were preparing for helping the doctors in saving their time by analyzing Fundus images on MATLAB software.



- Mr. Mihir Awale participated in technical paper presentation organized by Renaissance 2017 dated on 8-9 Sept. 2017 and won 1<sup>st</sup> prize.
- Mr. Shubham Avad participated in technical paper presentation organized by Renaissance 2017 dated on 8-9 Sept. 2017 and won 1<sup>st</sup> prize.
- Ms. Swamini Ambre participated in technical paper presentation organized by Renaissance 2017 dated on 8-9 Sept. 2017 and won 1<sup>st</sup> prize.
- Ms. Shivani Shivshankar participated in technical paper presentation organized by Renaissance 2017 dated on 8-9 Sept. 2017.
- Mr. Manan Trivedi participated in technical paper presentation organized by Renaissance 2017 dated on 8-9 Sept. 2017.

### **Student Achievements: -**

- Mr. Jay Bhosale participated in technical paper presentation organized by Renaissance 2017 dated on 8-9 Sept. 2017 and won 1<sup>st</sup> prize.

