

K J SOMAIYA INSTITUTE OF ENGINEERING & INFORMATION TECHNOLOGY

Department of Electronics & Telecommunication Engineering

ABHIYANTRIKI

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Departmental Newsletter

January-June 2018



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.

Faculty Achievement:-

- Prof. Martand Jha has organized a seminar on 'Solar for Day to Day Life' on 08-09-18 and 50 (FE and SE) students attended the same.
- Dr. Vaishali Wadheh as organized a workshop on 'Fiber Optic Communication: Splices Making and losses measurement using OTDR' on 22-10-18 and 34 (BE) students attended the same.
- Prof. Pradya Kamble and Prof Rashmi Adatkar organized guest lecture on 'Job Opportunities in MATLAB related field' by Mr. Aditya Chaudhari 2018-19 Alumnus. On 04-09-18 for third Year Students.
- Prof. Pradya Kamble and Prof Rashmi Adatkar organized guest lecture on 'Entrepreneur skills after graduating from core branches' by Mr. SudarshanKhole2018-19 Alumnus, on 04-09-18 for third Year Students.
- Dr.Chandan Singh Rawat, Associate Professor, EXTC department, VESIT, Chembur delivered guest lecture for one hour on 'Different Perspective of Electromagnetic Engineering' on 24-09-18 and 65 (TE) students attended the same.
- Ms. Sarika Bukkawar, Assistant Professor, Shah and Anchor Kutchhi Engineering College, Chembur, Mumbai delivered guest lecture on 'Industrial Use of AC analysis and Designing of FET Amplifier' 27-09-18and 54(SE) students attended the same.
- Mr. Shivraj Rathod, Associate professor and research scholar, VJTI ,Matunga delivered guest lecture for one hour on 'Microwave, Antenna and Radar Engineering' on 15-10-18 and 87 (BE) students attended the same.
- Dr. Jayashree Khanapuri submitted project proposal on 'Classification of Thorax disease using Deep Learning' for Minor Research Project grant at University of Mumbai.
- Prof. Swati Shinde submitted project proposal on 'Alzheimer's Disease Detection' for Minor Research Project grant at University of Mumbai
- Prof. Pranali Hatode partially completed project titled by 'Detection of Various Diseases in Diabetic Retinopathy using Python' with group of Suhel Patel, Vaishnavi Palod, Thakar Bhavin, Ankhitha Shetty Sponsored by Aditya Jyot Eye Hospital Pvt. Ltd, Dadar, Mumbai.
- Dr. Jayashree Khanapuri published paper in Springer proceedings of 3rd ICACIE 2018 at Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, India on 22-24 December 2018 titled by 'Wavelet Transform Domain Methods for Resolution Enhancement of Satellite Images'.
- Prof. Kiran Rathod's paper accepted in scopus index International Journal of Microwave and Optical Technology titled 'Low Cost Dual Band Circularly Polarized Textile Antenna Using Electro-textile and Polyester Fabrics'

Students' Achievements:-

- Group of students Chitesh A, Disha M, Siddhikesh K , Saksham B are selected in regional round and entered into the final round of Aavishkar research convention,2019 for the project titled 'Smart Mirror with Artificial Intelligence'.
- Group of students Utkarsh Singh, Omkar Patil, Prathamesh Panse and Kapil Tare selected for the final round of the Project "Deep Blue" competition by Mastek, project titled 'Sanitation of Public Toilets with help of IoT'.
- Group of second year students Nishan Poojary, Pratik Poojary, Abhishek Pandey, Prathmesh Pokhare selected in E-yantra Robotic competition test.
- Group of second year students Pradyanesh Parabkar, Makrand Rajagopal, Mith Jain, Jeet Chhaniara selected in E-yantra Robotic competition test.
- Second year student Yagnesh Oza selected in E-yantra Robotic competition test.

