

K J SOMAIYA INSTITUTE OF ENGINEERING & INFORMATION TECHNOLOGY

Department of Electronics & Telecommunication Engineering

ABHIYANTRIKI

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Departmental Newsletter

January-June 2019



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 analyse 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:-

- Dr. Jayshree Khanapuri and Mrs. Swati Hemant Shinde has organized a seminar on 'Recent Trends in Computer Networks' on 28/03/19 with the resource person Mr. Jay Gandhi, Service Integration, Senior Consultant for BE students and faculty.
- Mrs. Sandhya Deshpande visited to 'INNOVATIVE PROJECT EXHIBITION' for three days at 'NEHRU SCIENCE CENTRE' on 02/02/19 to 04/02/19 with SE, TE, BE students.
- Mrs. Sandhya Deshpande has organized a seminar on 'Career Opportunities in Indian Airways' on 17/01/19 with the resource person Capt. Vijender Singh, Indian Airways, alumni of the institute, for the TE students.
- Mrs. Rashmi Adatkar has organized a seminar on 'Edurance' on 06/03/19 with the resource person Abhisha, for the TE students
- Prof. Martand Jha has organized a seminar on '3D Modelling and Introduction to Augmented Reality' on 17/3/19 and 23/3/19 with the resource person Shubha Gopal Rathi , Ankita Ramesh Sarode , Pratiksha Uday Shetty for SE and TE students.
- Dr. Namrata Anasari has organized a seminar on 'Design of Dipole Antenna' on 3/19/19 with the resource person Anjali Chaudhary, Assistant Professor from st. Fransis COE Boriwali for TE students.
- Dr. Namrata Anasari has organized a seminar on 'Introduction to HFSS' on 3/5/19 with the resource person Shreya Menon, Entruple for TE students
- Mrs. Pradnya Kamble has organized a seminar on 'Introduction to HFSS' on 3/5/19 with the resource person Shreya Menon, Entruple for TE students.
- Mrs. Sandhya Deshpande has organized industrial visit to 'Reliance Jio' on 23/02/19 with the resource person Ms. Aanchal, for TE students and 54 students attended the same.
- Mrs. Sandhya Deshpande has organized industrial visit to 'BSNL station, (Yeur) Thane' on 30/04/19 with the resource person Mr.Arjun and Mr. Dharmendra, for TE students and 28 students attended the same.
- Prof. Martand Jha along with three faculties has organized industrial visit to 'Satellite Earth station' on 22/02/19 with the resource person Revati B, for BE students and 25 students attended the same.
- Mrs. Tilottama P. Dhake along with three faculties has organized industrial visit to 'Centre for Excellence in Telecom Technology and Management (CETTM), Mahanagar Telephone Nigam Ltd., POWAI on 26/02/19 with the resource team BDPR CETTM, For SE and 40 students attended the same.
- Mrs. Pradnya Kamble has organized industrial visit to 'Reliance Jio' on 23/02/19 with the resource person Ms. Aanchal, for TE and BE students and 17 students attended the same.
- Mr.Kiran Rathod has organized industrial visit to SAMEER(Society for Applied Microwave Electronics Engineering and Research) on the Occasion of National Science Day on 28/02/19 for BE and 42 students attended the same.

- Mrs.Tilottama P Dhake , Mrs.Pradnya Kamble and Mr.Sandeep Mishra has organized workshop on ‘FDP on Network Simulator 2 for wireless communication (NS2)’ on 01/02/19 to 02/02/19 with the resource person Prof. Ramchandra Mangrulkar ,D J Sanghavi College of Engineering, and 28 faculties attended the same.
- Mrs. Vricha Chawan has organized workshop on ‘Speech Processing and Music Singal Processing’ on 08/02/19 to 09/02/19 with the resource persons Dr. Vinusthaa, TP Professor IIT Mumbai and Savita Upadhya, Fr. Conceicao Rodrigues Institute of Technology, Vashi and 45 TE students attended the same.
- Mrs. Pradnya Kamble has organized ‘ project competition’ on 16/03/19 for all branhes and 130 groups participated for the same.
- Dr. Anamika Singh has received grant of Rs.15 Lakh for the project ‘A silicon photonics integrated circuit for wavelength divison multiplexed passive optical network’ in Optical Communication, Photonic Circuit in / in association with Organization of SERB/DST.
- Dr. Jayashree Khanapuri has received Minor Research Project grant approved at University Mumbai, for the project ‘Classification of Thorax using Deep Learning’
- Mrs.Swati Shinde has received Minor Research Project grant approved at University Mumbai, for the project ‘Alzheimer’s Disease Detection’.
- Dr. Sandhya Kadam awarded PhD degree in Electronics and Communication Engineering in the year 2018-19.

- Mrs. Swati Shinde awarded as a Elite performer in the subjects of ‘Digital Image processing and Embeded system design with ARM’ in National Programme for Technology Enhanced Learning (NPTEL).

Students’ Achievements:-

- Keval Dave, Ajinkya Desai, Nameera Khan, Ashutosh Gupta.(All from SE-A-EXTC) participated in MHRD’s Idea Competition, and won 2nd prize.
- Keval Dave(SE-EXTC), participated in Smart India Hackathon, and won 1st prize.
- Utkarsh Tiwari, Burhanuddin Udaipurwala, Idrees Dargahwala, Rahil Shah participated in Mastek Deep Blue Competition, and they are qualified for the Finals.
- Shewta Nadar , Aditya khati , Darshan Patel , Yagnesh Oza participated in E yantra Competition and they are Qualified for the Competition(Received certificate of completion).
- Nishan Poojary, Pratik Poojary, Abhishek Pandey, Prathamesh Pokhre participated in E yantra Competition and they are Qualified for the Competition(Received certificate of completion).
- Rele Jash Nutan, Shah Vivek Nimish, Shah Vidit Jinesh, Thakker Deep Ketan published paper in International Journal of Interdisciplinary Research and Innovations titled by ‘Diagnosing child Pneumonia using Transfer Learning’, Vol. 7, Issue 2 in April-June 2019.

- Naik Anish Rashmin, Narkhede Roshan Anil, Nishad Kushal Raju, Singh Snehasaroj Dinesh published paper in International journal of innovative research in science engineering and technology titled by 'Basic of Automation & Robotics using Bluetooth Controlled Robotic Arm', Vol. 8, Issue 4 in April 2019
- Chaurasia Sumit Suresh, Davate Kedar Naresh published paper in International journal of Computer Engineering in Research Trends (IJCERT) titled by 'RPA Based Digital Marketing Robot', Vol. 5, Issue 1 in April 2019.
- Maharaja Amrita Avdeshkumar (Inter Dept.) published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Voice Controlled Automation using Raspberry Pi' in April-June 2019.
- Parmar Princita Subhashchandra, Rathi Shubha Gopal, Sarode Ankita Ramesh, Shetty Pratiksha Uday published paper in International Journal of Interdisciplinary Research and Innovations titled by 'Lab Equipment demonstration using Augmented reality' in April 2019.
- Shinde Kartiki Deepak, Patil Shital Shamrav published paper in International Journal of Interdisciplinary Research and Innovations titled by 'Lab Equipment demonstration using augmented reality' in April 2019.
- Shinde Kartiki Deepak, Patil Shital Shamrav published paper in International Journal of Interdisciplinary Research and Innovations titled by 'Android based students records keeping system' in April 2019.
- Pathak Atharva Narendra, Patel Rushabh Sureshbhai, Panchal Bhavik Mahendra, Patel Dhaval Anil published paper in International Journal of Interdisciplinary Research and Innovations titled by 'Speech Recognition Bot' in April 2019.
- Thorat Ashish Krishna, Javiya Karan Deepak, Bakhai Siddharth Jasmin, Koradia Jay Hiten published paper in International journal of innovative research in science engineering and technology titled by 'Review Beach cleaner using Modular ROBOT, vol. 11, issue 4 in April 2019.
- Mhatre Aditya Ashok, Navsaria Avish Dharmendra, v, Soni Ishita Girish published paper in International journal of innovative research in science engineering and technology titled by 'Hand gesture to text and audio converter', vol. 8, issue 3 in March 2019.
- Palod Vaishnavi, Patel Suhel, Thakar Bhavin, Shetty Ankihta published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Automatic detection of Microaneurysm in Diabetic retinopathy using python' in April 2019.
- Dharade Vaishali Ramnath, Gothal Nayan Nathuram, Gadhari Mayuri Subhash, Nikam Sonal Sahadev published paper in International Journal of Emerging Technologies & Innovative Research titled by 'Hardware & Software co-simulation of edge detector for video processing' vol. 6, Issue 4, in April 2019.
- Guram Pratik Prashant, Jadhav Pranav Pramod, Chhadwa Mahek Deepak, Bhadawalkar Prathamesh published paper International Journal for Research & Development in Technology titled by 'Soil Erosion Prevention by Phytoremediation process using Solar Irrigation & Fertilization System', vol. 11, Issue 4 in April 2019.

- Gajra Nikita Dineshbhai, Jagatap Shubham Sanjay, Kumar Nikhil Kusala, Jain Mayankkumar Amarchand published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Exam Cell Assistant' in April 2019.
- Fadale Sumit Santosh, Bhanushali Rakesh Vasant, Dalvi Vikram Vijaykumar, Naik Prathamesh Sandip published paper in published 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Wireless Biometric Attendance system in April 2019.
- Chavan Kedar Madan, Doke Sanket Sambhaji, Dubey Sakshi Sitaram, Korpe Karuna Ravindra published paper in International journal of innovative research in science engineering and technology titled by 'Forward Collision Warning system based on Tensor Flow', vol. 08, Issue 4 in April 2019.
- Bhimani Harsh, Papan Vishal, Chaurasia Harsh, Kaimaparambil Keerthy published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Web based model for Apparel classification' in April 2019.
- Mulajkar Kaustabh, Mehta Parth A., Dhotre Prajyot, Chodvadiya Jay published paper in International journal of innovative research in science engineering and technology titled by 'IOT Based Accident alert system using GSM & GPS' vol. 08, Issue 4 in April 2019.
- Jain Anshi, Jani Jay, Bhilare Sneha, Dubey Amarkumar published paper in International journal of innovative research in science engineering and technology titled by 'Canteen Automation system' vol. 11, Issue 4 in April 2019.
- Singh Utkarsh, Patil Omkar, Panse Prathamesh, Tare Kapil published paper in International journal of innovative research in science engineering and technology titled by 'Public Toilet Health Check for Urban Slums' vol. 08, Issue 4 in April 2019.
- Baykeri Kunal Anil, Gandhi Kayumars Bomi, Bhanushali Ashish Mathuradas, Havaldar Fariya Firoz published paper in International journal of innovative research in science engineering and technology titled by 'Data Transfer using Li-Fi' vol. 11, Issue 4 in April 2019.
- Patel Neel, Patel Keyur, Thosar Rohan, Tank Darshan published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Vehicle Accident Alert System' in April 2019.
- Soni Siyaram Shivbhagwan, Teli Suresh Chhaganlal, Yadav Ankit Tejbahadur, Zanzane Amit Bhagwan published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Color based product sorting machine using PLC' in April 2019.
- Mane Vighnesh Rajendra, Rane Amey Dinesh, Sawant Sandesh Suhas, Rasal Vijay Suryakant Published paper in International Conference on Trends in Electronics & Communication (IC-TELCON 2019) titled by 'Design and Fabrication of VHF Yagi Uda antenna for Durdrushti ground station' vol. 04, Issue 6 in Feb 2019.
- Sharma Mohinish, Upadhyaya Shraddha, Tawadia Tejas, Rajmane Aditi Published paper in International Conference on Trends in Electronics & Communication (IC-TELCON 2019) titled by 'Indoor Positioning system' vol. 04, Issue 6 in Feb 2019.

- Badala Mitesh Shailesh, Bharda Sagar Praful, Gori Vinit Rajesh, Sahu Virendrakumar Baijnath published paper in International journal of engineering and technology (IRJET) titled by 'Performance Comparison of Cognitive radio network by spectrum sensing methods' in April 2019.
- Shinde Jitendra, Panchal Hardik, Panchal Kaushik published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Android Application for Academic Record' in April 2019.
- Walanje Amey, Patel Jaideep, Sanghavi Viral, Parkar Yash published paper in 2nd International Conference on Advances in Science & Technology (ICAST-2019) titled by 'Traffic Classification using Machine Learning' in April 2019

