

K J SOMAIYA INSTITUTE OF ENGINEERING & INFORMATION TECHNOLOGY

Department of Electronics & Telecommunication Engineering

TANTRADNYA

Issue-6 Vol-1

Newsletter

January-June 2017



Staff Achievements:-

- Prof. Namrata Gharat arranged guest lecture on 'Positive Thinking' for one hour duration by Mr. Badal Kotak for SE students on 01st February 2017.
- Prof. Rupali Satpute arranged guest lecture on 'Frequency Response of Amplifier' for one hour duration by prof. Prashant Khedkar for SE students on 15th March 2017.
- Prof. Rashmi Adatkar arranged guest lecture on 'Writing and Publishing a Technical Paper in Engineering' for one hour duration by Prof. Archana Bhise for TE and BE students on 22nd February 2017.
- Prof. Martand Jha arranged industrial visit on 'Satellite Earth Station', Yeurl, Thane for one day duration by Dr. Hemant Lokhande for BE students on 06th February 2017 and 14 students participated.
- Prof. Rupali Satpute arranged industrial visit on 'Aplab Ltd., Thane' for one day duration by Mr. Sunil Nere for SE students on 23rd February 2017 and 40 students participated.
- Prof. Tilottama Dhake, Prof. Amit Kukreja arranged industrial visit on 'GMRT', Narayan gaon Pune for one day duration by Dr. Hemant Lokhande for TE students on 27th January 2017 and 29 students participated.



shmi Adatkar and Prof. Kiran Rathod arranged guest lecture on 'caution of SIT-2017' for one hour duration by Dr. Jonnathan Joshi for SE students on 15th March 2017 and 107 students participated.

- Prof. Pradnya Kamble arranged guest lecture on 'Job Opportunities in Solar System' for one hour duration by Mr. Akash Bansali for BE students on 23rd January 2017.
- Prof. Prashant Upadhyay and Prof. Sagar Mhatre attended two week workshop (26th January 2017 – 4th February 2017) on STTP on 'CMOS mixed signal and Radio frequency VLSI Design' at IIT- Kharagpur.
- Prof. Pradnya Kamble received Rs.25000 amount for Minor Research Project grant from University of Mumbai on the topic of 'Wireless Health Monitoring System using personal area network'.
- Dr. Vaishali Wadhe received Rs.35000 amount for Minor Research Project grant from University of Mumbai on the topic of 'Tree Climbing coconut plucker'.
- Prof. Priya Hankare received Rs.30000 amount for Minor Research Project grant from University of Mumbai on the topic of Processing of 'infrared Thermal Images for early breast cancer disease detection using colour image analysis'.
- Prof. Rupali Satpute received Rs. 20000 amount for Minor Research Project grant from University of Mumbai on the topic of 'Developing a computer based information system to improve the diagnosis of blood anemia'.
- Prof. Kiran Rathod received Rs. 25000 amount for Minor Research Project grant at University Mumbai on the topic of Design and development of 'Rectangular slot and annular ring slot wearable broad band circularly polarized textile antenna for medical application'.
- Dr. Jayashree Khanapuri received amount Rs.31000 for Minor Research Project grant at University Mumbai on the topic of 'A Computer Vision based Automatic Gate Control for Vehicle recognition'.
- Prof. Sagar Mhatre received Rs. 25000 amount for Minor Research Project grant at University Mumbai on the topic of 'Development of FPGA based controller area network sniffer for prosthetic limbs'.
- Prof. Kiran Rathod published paper on Parametric study of 'Wearable Annular ring Textile Antenna using Woven and non – woven Polyester Fabrics' in 12th international conference on Microwaves, Antenna, Propagation & Remote Sensing (ICMARS 2017) dated on 5th -17th February 2017.
- Prof. Kiran Rathod published paper on 'Microstrip –Line-Fed Wearable Annular Ring Slot Textile antenna using Woven

Polyester Fabrics' in Tata Mc Graw Hill Journal dated on 24th-25thFeb2017.

- Prof. Rupali Satpute published paper on 'Developing a Computer based Information System to Improve the Diagnosis of Blood Anemia' – Part I in TIJSRD – International Journal for Scientific Research & Development, ISSN[online]:2321 0613, Vol. 4, Issue 12, 2017 dated on February 2017.
- Mr. Pradipkumar Chaudhary , Mr. Mangesh Choudhari , Mr. Aditya Chaudhari , Mr. Digant Pandya , Mr. Roank Panchal won 9th position in National level Robotic Contest (Robocon) Theme: 'SOB The landing disc' under the guidance of prof. Prashant Upadhaya organised by MIT and Doordarshan Venue: Chatrapati Shivaji Maharaj Sankul, Balevadi, Pune on 2nd -3rd March 2017.



Parents
teacher
meeting
conducted
by
departmen



t on 15th April 2017.

Student Achievement:-

- Akash Chokshi, Vishal Bhanushali published paper on 'Android application for finding the locations of different stores' in International Research Journal of Engineering and Technology(IJRET) , Volume:04 Issue:03 | Mar-2017,ISSN:2395-0056.
- Meherzad Katrak,Mohsin Khan published paper on 'Neural Network Aided based Breast Cancer detection using medical thermal imaging' in Datta Meghe College of Engineering in International Conference , April-2017,ISBN:978-93-86171-02-3.
- Mangesh Choudhari, Viraj Kapadia,Dhaval Bhanushali, Mayur Bhavsar published paper on 'Electronic coconut plucker' in

International Journal of Interdisciplinary Research (IJIR) ,
Volume:03 Issue:04 | Mar-2017,ISSN:2454-1362.

- Kunal Doke, Neel Lad, Shubham Kumar, Jay Mistry published paper on 'GPS and GSM based accident spot locator for ambulance service' in International Journal of Infinite Innovations in Technology(IJIIIT) , Volume:05 Issue:04 | April-2017,ISSN:2278-9057.

- Esaf Rehan,Piyush Variya published paper on 'Glaucoma Diagnosis of Retina Fundus Image using Image Processing' in Datta Meghe College of

Engineering ,International Conference,April-2017,ISBN:978-93-86171-02-3.

- Mithilesh Thaker, Bhavin Markana , Ronak Bhandari published paper on 'Automatic Soil Moisture and Temperature Detector' in International Journal of Scientific Research in Science and Technology(IJSRST) , Volume:03 Issue:03 | March-2017,ISSN:2395-602X.

- Purvi Kakasagar, Bhaviya Jagad, Dhwanil Barot , Omkar Joshi published paper on 'Optical Disc detection, Localization and Glaucoma Identification of Retinal Fundus Image' in International Journal of Infinite Innovations in International Research Journal of Engineering and Technology(IJRET) , Volume:04 Issue:03 | Mar-2017,ISSN:2395-0072.

- Mehul Vaviya , Kashyap Shah , Pranav Soneji , Vinayak Tumma published paper on 'GPS based voice alert system for blind' in Datta Meghe College of Engineering in International Conference , April-2017,ISBN:978-93-86171-02-3.

- Mehulkumar Solanki, Prasad Rajput , Jaydeep Prajapati , Vedang Tendolkar published paper on Gesture Controlled Wheel Chair with 'Home Automation for Physically Disabled People Prototype' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:02 | April-2017,ISSN:2321-0613.

- Dinesh Pingale , Ayush Verma , Viral Mevada , Arth Chandra published paper on 'Review of Health Monitoring and position tracking system' in International Journal for Scientific Research and Development (IJSRD) , Volume:07 Issue:04 | April-2017,ISSN:2349-3585.

- Sangeeta Jadhav , Pratiksha Rawool , Viri Shah published paper on 'Image merging in transform domain' in Datta Meghe College of Engineering in International Conference , April-2017,ISBN:978-93-86171-02-3.

- Prerna Ghosh , aparna Gole , Priyanjali Manore , Rahul Bhanushali published paper on 'Patients vital sign monitoring system using wireless personal area network' in International

Journal of Interdisciplinary Research (IJIR) , Volume:03 Issue:03 | Mar-2017,ISSN:2454-1362.

- Sarita Singh , Janani Mohan , Kajal Pawani published paper on 'Computer vision based automatic gate system for security' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:01 | April-2017,ISSN:2321-0613.
- Keyur Jolapara , Ketan Jogi , Omkar Chavan , Taha Barodawala published paper on 'To detect driver drowsiness using eye tracking system' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:02 | April-2017,ISSN:2321-0613.
- Aditya Pandey , Rohan Mahadeshwar , Sushri Smita Sahu published paper on 'Detection of Haemorrhages and exudates using fundus image processing' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:01 | March-2017,ISSN:2321-0613.
- Vaijayanti Sarfare, Ankita Sanam , Jayashree Patil published paper on 'Smart city development' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:02 | April-2017,ISSN:2321-0613.
- Gavin Wagh , Monika Yadav , Shruti Vinchure , Yash Pandharkar published paper on 'E-way for health monitoring

and alert systems using wireless mode of Transmission' in International Journal for Scientific Research and Development (IJSRD) , Volume:04 Issue:12 | April-2017,ISSN:2321-0613.

- Amisha Shinde , Saurabh Dambal published paper on 'Automated OPD card system' in Datta Meghe College of Engineering in International Conference , April-2017,ISBN:978-93-86171-02-3.
- Ronak Joshi , Mehul Jani , Prashant Karn published paper on 'Virtual Mouse' in International Journal of Interdisciplinary Research (IJIR) , Volume:03 Issue:04 | Mar-2017,ISSN:2454-1362.
- Ashish Mehta , Vibhuti Mishra , Kayanat Shaikh , Pratik More published paper on 'Developing of MPPT charge controller using PID controller for PV cell' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:02 | April-2017,ISSN:2321-0613.
- Chetan Trivedi , Vishal Waghela published paper on 'RADAR system for medical Lab, Security' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:02 | April-2017,ISSN:2321-0613.
- Antriksh Ghaskatta , Sanket Gokani Harsh Javiya , Bhavik Joshi published paper on 'X10 protocol' for Data communication in International Journal of recent innovation in

Engineering and Research (IJRIER) , Volume:02 Issue:03 |
March-2017,ISSN:2456-2084.

- Hardik Rathod , Chintan Ratangharya , Akshay Shah published paper on 'Irrigation – Scheduling and management' in International Journal for innovative Research in Science and Technology (IJIRST) , Volume:03 Issue:10 | March-2017,ISSN:2349-6010.
- Vimal Panchal , Saurabh Indulkar , Kanan Chawada , Mayur Bhojane published paper on 'Semi-autonomous wireless monitoring system' in International Journal for Scientific Research and Development (IJSRD) , Volume:05 Issue:02 | April-2017,ISSN:2321-0613.
- A. B. Kurade , K. D. Magar , Y. K. Marathe , G.S. Avahad published paper on 'Student academic record organization' in International Journal of Interdisciplinary Research (IJIR) , Volume:03 Issue:01 | Mar-2017,ISSN:2454-1362.
- Sadanand Walke, Akshay Shah , Jaydeep Upadhyay , Ketan Tank published paper on 'Antenna based tracking system' in Datta Meghe College of Engineering in International Conference , April-2017,ISBN:978-93-86171-02-3.
- Third year students Thosar Sushrut , Amad Singh , Atul Sharma , Shubham Waghela , Mayur Anopsinh won 1st position in Poster Presentation held on 27th Feb 2017 in Oscillation 2017.
- Third year students Hunge Yash , Jotania Vaibhav , Malpara Mohammed , Mehta Parth won 2nd position in Poster Presentation held on 27th Feb 2017 in Oscillation 2017.