



Thadomal Shahani Engineering College
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Thadomal Shahani Engineering College

EXTC EXPRESS



Department of Electronics and Telecommunication

April 2019

Faculty Accomplishments

- Dr. Ashwini Kunte visited three engineering colleges as a member of LIC committee. She has also filed two patents for her research work.
- Dr. Maniroja, Prof. Anushree Gupta and Prof. Uttara Bhatt have attended one week training Program on “Trends and Practices in Electronics/ Electrical Manufacturing Industries” jointly organized by L&T and DTE Mumbai during 11th June to 15th June 2018.
- Dr. Maniroja, Prof. Anushree Gupta and Prof. Uttara Bhatt have coordinated one week Industrial training program on IoT from 14th July to 20th July 2018
- Dr. Maniroja has delivered lecture on “‘Communication Systems’ on 4th July 2018 at AICTE-ISTE Approved One Week STTP On Teaching Methodologies for Core Electronics and Telecommunication Courses organized by K J Somaiya college of Engineering and a lecture on “Digital Communication” in D J Sanghvi College of Engineering on 3rd October 2018.
- Dr. Maniroja and Prof. Uttara Bhatt attended one day workshop on Basics of Satellite communication at Pune on 11th Sept 2018
- K. K. Mathew from Thadomal Shahani Engineering College (TSEC), Bandra attended a blended mode workshop on ‘Moodle Learning Management System’ held at the K. J. Somaiya College of Engineering, Vidyavihar, Mumbai on 15 March 2019.
- Prof. Anushree Gupta and Prof Uttara Bhatt attended a seminar on VLSI by L&T at K J Somaiya College of Engineering on 20th Feb 2019
- Prof. Shristi Bhatia has attended one week workshop under Texas University program on IOT and advances in embedded systems Jun 25-29, 2018 KJSCOE. She has also attended hands on practice session on “SequelApp” by Prof. M. B. Patil, IIT-Bon 27th July 2018 at SPIT. She participated in the knowledge sharing program on “Developing teaching skills for Blended learning & student teachers partnership” at ICFAI Mumbai on 3rd August 2018.
- Prof. Manoj Kavedia has attended workshops on Security in computing, Introduction to Python Programming and he also attended one week training program on Raspberry Pi with IOT Environment. He has conducted workshop on Building Blocks of Wireless Fidelity and Arduino Level 1. He also took seminar on Scope of Virtual reality.

Special Accolades to Students' Accomplishments

1. Our student Rohan Patil cleared IES examination as a topper from Maharashtra in 2018.
2. Mr. Vrajesh and Ms. Gunjan attended “Parikshe pe Charcha” with Prime Minister Modi.
3. Mr. Saurabh Chavan and his team won first prize in IIIM Ahamadabad under street play competition

Industrial workshops/Visits/ Guest Lectures for Students

- Python workshop for students on 23rd march 2019
- Guest Lecture IOT for students on 23rd march 2019
- Industrial Visit to Pune Satellite training center on 11th Sept 2018.
- Visit to BARC on Feb 26,2019 as a part of National science day celebration
- Guest lecture on “ Carrier in Armed Forces “ by Lt. Govind Mishra on 10th Sept 2018



Publications from Faculty and Students

Paper Publication for 2018-2019

- B. Thakur and A. Kunte, "Compact dual-band patch antenna using triangular complimentary split ring resonators for WiMax/WLAN," *2018 International Conference on Communication information and Computing Technology (ICCICT)*, Mumbai, India, 2018, pp. 1-4.
- B. Thakur and A. Kunte, " Compact Dual Band Patch Antenna using Meandered Complementary Split Ring Resonators" 2018 3rd International Conference for Convergence in Technology, Mumbai, India, 2018.
- B. Thakur and A. Kunte "Improved design of CELC meta-resonators for bandwidth improvement and miniaturization of patch antenna," *Applied Physics A: Materials Science & Processing*, 124: 860, 2018 ISSN: 0947-8396, Vol 124, No 12
- Mamta Kurvey, Dr. Ashwini Kunte, "Tri-Stepped Rectangular Antenna (TSRA) for Efficient RF Energy Harvesting," *Journal of Communications and Information Networks*, Vol.6, No.2, Jun. 2018
- Mamta Kurvey, Dr. Ashwini Kunte, "Harvesting RF Energy- A Review," in *Asian Journal of Convergence in Technology*, Volume III, Issue III, ISSN No.: 2350-1146
- Mamta Kurvey, Dr. Ashwini Kunte, "Design and Optimization of Stepped Rectangular Antenna for RF Energy Harvesting," 2018 International Conference on Communication, Information & Computing Technology (ICCICT), Feb. 2-3, Mumbai, India
- Mamta Kurvey, Dr. Ashwini Kunte, "RF Energy Harvesting System," *International Conference On Smart City And Emerging Technologies, (ICSCET 2018)* 2018, 5th Jan, Mumbai, India
- Ishan Raina, Chirag Chandnani, Mani Roja Edinburgh "Application of Neural Network in Image Processing", *Lecture Notes in Computational Vision and Biomechanics book series (LNCVB, volume 30)* Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering June 2018 (ISMAC-CVB) pp 483-492
- Vinay Nagrani, Amit Hatekar, "Evolution of Apple's 'A' series processors", *JERA*, ISSN: 2248-9622, Vol. 8, Issue 12, (Part - II) December 2018, pp. 71-77.
- Shrishti Bhatia, Ashwini Kunte, "Performance Enhancement of Two Tier Wireless Network using an Adaptive Hybrid Scheduling Algorithm" *JETIR* February 2019, Volume 6, Issue 2.(ISSN : 2349-5162)

From NonTeaching Faculty

- Mr. Prem Amarnani, Ms. Harsha P Bhombe, Rasika Rajesh Bhave and Kishore Madvi attended a 5 days " Webinar series on "Essentials of Soft Skills, Interpersonal Skills and Laboratory Documentation in line with NBA Accreditation", RIT, Shivaji University, Kolhapur (26- 30.05.20)
- Mr. Prem Amarnani, Ms. Harsha Bombe and Mr. Haresh Panjabi attended a webinar on "E Learning Tools to improve learning outcomes and increase employability of students" organized by Pearsons Education
- Mr. Prem Amarnani and Mr. Kishore Madvi attended a 10 days course on "Computer Networks and Information Security" organized by IT Dept, Pimpri Chinchwad College of Engineering, Pune. (03.06.20 - 13.06.20)
- Mr. Prem Amarnani and Mr. Kishore Madvi attended a 5 days course on "Advance Tools & concepts for lab development & maintenance" organized by IT Dept., Pimpri Chinchwad College of Engineering, Pune. (03.06.20 - 13.06.20)
- Ms. Harsha P Bhombe, Rasika Rajesh Bhave and Kishore Madvi attended a webinar in Electronic Simulation and PCB design softwares by Dr. Ravindra Duche.
- Ms. Harsha P Bhombe has attended a workshop on solar design at Copper Track Industries Nasik, "Learn to Design your own Solar Home System". By Energy Swaraj Foundation in association with Thadomal Shahani Engineering College, and webinars on Course Webinar on Emerging Trends in Electronics and Understanding the opportunities for EXTC Graduates in a 5G enabled world.
- Mr. Haresh Panjabi attended a workshop on Introduction to Python by Cossine on 22.03.2019

Internship at Industries

FE EXTC- 27 Students

SE EXTC-34 Students

TE EXTC-24 Students



Editor

Dr. Mani Roja.M.Edinburgh