

Department of Electronics & Telecommunication Engineering
Staff Activities: Year 2018-19

• **Seminar/Workshop/STTP/FDP/Winter School Attended**

SR. No.	NAME OF STAFF	SEMINAR/WORKSHOP/STTP/WINTER SCHOOL	YEAR/ DATE	ORGANISER
1	Dr. G. R. Patil	Indian Higher Education Challenges of Autonomy and Accountability	19-Aug-18	Education Promotion Society
2	Dr. G. R. Patil	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
3	Dr. G. R. Patil	11 Weeks Online Course on Machine Learning	1 Oct to 31 Dec 2018	Computer Science Dept Stanford University
4	Dr. G. R. Patil	One Day Workshop on Promotion of Autonomous Colleges Scheme	11-Mar-19	IUCCUA Pune With UGC
5	Dr. Surekha KS	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
6	Dr. Surekha KS	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for Mobile Communication	13 & 14 Dec 2018	MMIT Pune with SPPU
7	Dr. Surekha KS	12 Weeks online Course in Introduction to Internet of Things	January to April 2019	NPTEL
8	Dr. Surekha KS	12 Weeks online Course in Joy of Computing using Python	January to April 2019	NPTEL
9	Dr. Surekha KS	Seminar on Automation opportunities in industrial Automation	1-Feb-19	AIT
10	Dr. Surekha KS	Seminar on Designing MIMO Wireless Systems with MATLAB	1-Feb-19	Mathworks Bangalore
11	Dr. Surekha KS	Seminar on "CO-PO mapping" by Dr. VA Kulkarni	1-Sep-18	AIT
12	Dr. Surekha KS	Seminar on Correlating Cos and Pos by Prof Hemant Joshi	1-Oct-18	RSCOE
13	Dr. Surekha KS	Seminar under ICC cell by Mrs. Sayali Ganu	1-Sep-18	AIT
14	Dr. Surekha KS	Seminar on "CO-PO mapping" by Dr. Marathe	1-Oct-18	VIT, Pune
15	Dr. Surekha KS	Workshop on MATLAB	2-May-18	Mathworks Bangalore
16	Dr. P B Karandikar	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
17	Mr. DG Auradkar	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
18	Mr. JB Jawale	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
19	Mr. JB Jawale	One Week STTP on Phase Lock Loops	17 to 22 Dec 2018	IIT Madras
20	Mr. K. Vijay Kumar	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
21	Mr. K. Vijay Kumar	One Week STTP on Phase Lock Loops	17 to 22 Dec 2018	IIT Madras
22	Ms. Sushma Patil	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
23	Ms. Sushma Patil	International Conference on New Trends in Engg. & Technology	7 & 8 Sep 2018	GRT Institute of Engg. And Technology with IEE

Department of Electronics & Telecommunication Engineering
Staff Activities: Year 2018-19

SR. No.	NAME OF STAFF	SEMINAR/WORKSHOP/STTP/WINTER SCHOOL	YEAR/ DATE	ORGANISER
24	Mr. Avinash Patil	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
25	Mr. Avinash Patil	International Conference on New Trends in Engg. & Technology	7 & 8 Sep 2018	GRT Institute of Engg. And Technology with IEE
26	Mr. Avinash Patil	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for VLSI Design & Technology	13th July 2018	Dr. D. Y. Patil Institute Of Engineering, Management & Research Akurdi
27	Ms. SD OZA	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
28	Ms. SD OZA	International Conference on Communication & Electronics Systems ICCES 2018	15-16 Oct 2018	ICCES2018 Coimbatore
31	Ms. R. Bhandari	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
32	Ms. R. Bhandari	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for Elective-III Audio-Video Engg.	21st Dec 2018	VIIT with SPPU
33	Mr. Girish Kapse	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for Digital Image & Video Processing	13th July 2018	DYPIEMR Akurdi with SPPU
34	Mr. Girish Kapse	Recent Trends in MEMS Power Sources and Electronics Packing	25th to 30 June 2018	AISSMS IOIT Pune-1
35	Mr. Girish Kapse	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
36	Mr. Girish Kapse	one day workshop of NPTEL	29th Nov 2018	MIT Alandi with NPTEL
37	Mr. Girish Kapse	12 Weeks online Course in Programing in JAVA	January to April 2019	NPTEL
38	Ms. R. Suryawanshi	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
39	Ms. S. Pawar	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
40	Ms. S. Pawar	12 Weeks online Course in Introduction to Internet of Things	January to April 2019	NPTEL
41	Ms. Snehal Marathe	12Week online Certification Course on Design of Photovoltaic Systems	30July to 19 Oct 2018	NPTEL
42	Ms. Snehal Marathe	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for Broad Band Communication Systems	13 & 14 Dec 2018	PCCOER with SPPU
43	Ms. Snehal Marathe	Int Conf on Electrical, Communication, Electronics Instrumentation and Computing	30th & 31st January 2019	ICECEIC with CSVM, Kanchipuram. TN
44	Ms. Manisha Nilkanth	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
45	Ms. Dhanashree Patil	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT

Department of Electronics & Telecommunication Engineering
Staff Activities: Year 2018-19

SR. No.	NAME OF STAFF	SEMINAR/WORKSHOP/STTP/WINTER SCHOOL	YEAR/ DATE	ORGANISER
46	Ms. Dhanashree Patil	State level FDP on Practical Approches of Artificial Neural Network and Deep Learning	17 & 19 Dec 2018	AIT
47	Ms. Pragati Rana	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
48	Dr. Ms. Harjeet Kaur	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
49	Dr. Ms. Harjeet Kaur	State level FDP on Practical Approches of Artificial Neural Network and Deep Learning	17 & 19 Dec 2018	AIT
50	Dr. Ms. Harjeet Kaur	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for Elective-III Machine Learning	21st Dec 2018	VIIT with SPPU
51	Dr. Ms. Harjeet Kaur	12 Weeks online Course in Introduction to Internet of Things	January to April 2019	NPTEL
52	Dr. Ms. Harjeet Kaur	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for VLSI Design & Technology	10-Jul-18	PCCOER with SPPU
53	Ms. Sharada Patil	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for Mobile Communication	13 & 14 Dec 2018	MMCOE with SPPU
54	Ms. Sharada Patil	Faculty Orientation Workshop on BE E&TC Revised Syllabus 2015 for VLSI Design & Technology	10th July 2018	PCCOER with SPPU
55	Ms. Sharada Patil	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT
56	Ms. Meena Wagha	FDP on Hands on Methodology on OBE implementation	8th Oct 2018	AIT

Department of Electronics & Telecommunication Engineering
Staff Activities: Year 2018-19

• **Publications**

Sr. No	NAME OF STAFF	TITLE OF PAPER	YEAR/DATE NAME OF JOURNAL, VOLUME & PAGE NO.	NATIONAL / INTERNATIONAL
1.	Dr. Mrs. Surekha KS	Hybrid Technique For ECG Signal Compression Using Parallel And Cascade Method	Vol 31 No. 1 1950022-1 (8 Pages	International Journal Biomed Engg. Appl , Basics & Commun, Scopus ESCI
2.	Ms. Sushma Patil	A Novel Approach to Perform Shift/ Rotate and Bit Permutation Operation	7 & 8 Sep 2018, ICNTET 2018 International Conference on New Trends in Engineering and Technology GRT Institute of Engg. And Technology with IEEE	International Conference
3.	Mr. Avinash Patil	Novel Technique of finding square of number to reduce the resources utilized on reconfigurable Hardware Logic	7 & 8 Sep 2018, ICNTET 2018 International Conference on New Trends in Engineering and Technology GRT Institute of Engg. And Technology with IEEE	International Conference
4.	Ms. S D Oza	Denoising System for MR Image using speckle Degradation Index	ISBN: 978-1-5386-4765-3 Oct 2018	International Conference
5.	Ms. S D Oza	Fast Denoising Filter For MRI using Parallel Approach	Vol 6 No 4 362-372 Dec 2018	Indonesian Journal of Electrical Engg & Informatics(Int)
6.	Mrs. Renuka Bhandari	Spectral Efficient Blind Channel Estimation Techniques for MIMO-OFDM Communications	ISSN 1943-023X Vol 10 No. 12 2018	Journal of Adv Research in Dynamical & Control Systems(Int)
7.	Mrs. Renuka Bhandari	Spectral and Power Efficient Blind Channel Estimation Techniques for MIMO-OFDM Communications	ISSN 1943-023X Vol 10 No. 8 2018	Journal of Adv Research in Dynamical & Control Systems(Int)
8.	Mrs. Renuka Bhandari	Novel Spectral Efficient Technique for MIMO-OFDM Channel Estimation With Reference to Paper and BER Analysis	Oct 2018	Wireless Personal Communication Springer Journal
9.	Ms. R. Suryawanshi	Performance Evaluation on Large MIMO	Oct 2018 Pages 1-16	Wireless Personal Communication Springer Journal
10.	Ms. R. Suryawanshi	Bit Error Rate Analysis of 16x16 MIMO-OFDM in Downlink Transmission for LTE-A	13 & 14 Dec 2018	Int Conference ICSSIT 2018 TN
11.	Ms. Snehal Marathe	Methods For Improving the Solar Panel Efficiency: A Review	30 & 31 Jan 2019	ICECEIC with CSVN, Kanchipuram. TN

Department of Electronics & Telecommunication Engineering

Staff Activities: Year 2018-19

Sr. No	NAME OF STAFF	TITLE OF PAPER	YEAR/DATE NAME OF JOURNAL, VOLUME & PAGE NO.	NATIONAL / INTERNATIONAL
12.	Ms. Manisha Nilkanth	American Sign Language Translator and Calling Device	May 2019, Volume 7, Issue 5, May2019 ISSN 2321-5984, pp no 1-5	IIJEC
13.	Ms. Manisha Nilkanth	Smart and Optimized Dough Maker for Domestic Use	May 2019, Volume 7, Issue 5, May2019 ISSN 2321-5984 ,pp no 6-10	IIJEC

• **Copyrights & Patents**

Sr No	Name Of The Staff	Title Of Paper	Year/Date, Volume & Page No, Name of the journal	National/ International
1	Ms. Renuka Bhandari	Investigation of Blind Source Separation Approaches for MIMO Communication Systems (CR)	L-76176/2018	National Copyright
2	Mr. JB Jawale	Cost Effective Solution for Multimodal Biometric Security for Solar Panel Cleaning System Using Android Based Tablet/Samrt Phone (CR)	L-80984/2019	NATIONAL

• **Books Published**

SR NO	NAME OF STAFF	TITLE OF PAPER	YEAR/DATE NAME OF JOURNAL, VOLUME & PAGE NO.	Publication
1	Dr. Surekha KS	Digital Signal Processing	ISBN 978-93-88293-28-0	Nirali

• **Faculty as Resource Person**

Sr. No.	Name Of The Staff	Topic of guest lecture/ Activity	YEAR/DATE	Organizer
1.	Dr. G. R. Patil	Internet of Thing	12-Jul-18	
2.	Dr. Surekha KS	Embedded System & RTOS	12th July 2018	VIIT Pune
3.	Dr. Surekha KS	Mobile Communication	13 & 14 Dec 2018	MMCOE Pune
4.	Ms. Snehal Marathe	Elective -III Audio-Video Engg	21st Dec 2018	VIIT with SPPU

Department of Electronics & Telecommunication Engineering
Staff Activities: Year 2018-19

• **Grants**

Sr. No.	Name of the Faculty	Project Title	Academic Year	Funding Agency	Amount (Rs.)
1	Ms. Surekha KS	Real Time DSP Based ECG Acquisition & transmission Using CUDA Based Compression	2018-19	BCUD	1,60,000
2	Mr. K. Vijay Kumar	Cost Effective Solution for Solar Panel Cleaning System	2018-19	BCUD	1,80,000
3	Mr. J. B. Jawale	Cost Effective Solution for Solar Panel Cleaning System	2018-19	BCUD	1,80,000
4	Dr. G. R. Patil	AICTE PMKVY	2017-19	AICTE PMKVY	1,83,600
5	Dr. G. R. Patil	AICTE	2018-19	AICTE-MODROB	10,35,000