

SEMINAR/WORKSHOP/STTP/WINTER SCHOOL ATTENDED
YEAR 2016-17

SR. No.	NAME OF STAFF	SEMINAR/WORKSHOP/STTP/WINTER SCHOOL	YEAR/ DATE	ORGANISER
1.	Dr. G. R. Patil	1.FDP for E&TC Faculties – Automotive Electronics- Overview & Present Trends	6 th Dec &12 th 2016	TCS Pune
		2.Faculty Orientation Workshop SE E&TC Revised Syllabus 2015 Course for Object Oriented Programming	15 th to 17 th Dec2016	MES COE Pune
		3.3D verve Meet	29 th March 2017	3D PLM, Pune
		4.International Conference on internationalization of higher education	9 th -10 th April 2017	SIU,Pune
		5.Deloitte Deans Summit	13 th -14 th April 2017	Hyderabad
2.	Mrs. Surekha KS	1.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
		2.One day workshop on TE E&TC Syllabus Structure Finalization	7 th Oct 2016	PES's MCOE
		3.STTP on Image Processing & Computer Vision	12 to 16 th Dec 2016	G COE Pune
3.	Dr. P. B. Karandikar	1.Three Days Workshop on SE E&TC Revised Syllabus Electrical Circuits & Machines	9 to 11 th June 2016	DY Patil COE Akudi Pune
		2.Faculty Orientation Workshop SE E&TC Revised Syllabus 2015 Course for Control Systems	15 th to 17 th Dec2016	NBN Singad Pune
		3.Regional Research Conference , INNOVATION 2016.	7 th Oct 2016	MES COE Pune
		4.International Conference on Engineering Technology, Science and Management Innovation	15 th Jan.2017	NITTTR , Chandigarh
		5.International Conference on Advanced Rechargeable Batteries & Allied Materials	8 th -10 th March 2017	C-MET, Pune
4.	Mr. D. G. Auradkar	1.Three Days Workshop on SE E&TC Revised Syllabus Electronics Devices & Circuits	9 to 11 th June 2016	MES COE Pune
5.	Ms. S D Oza	1.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
		2.Two days workshop on “Introduction to Robotics”	8 – 9 May 2017	IIT Bombay
6.	Mr. J. B. Jawale	1.Attended one day seminar on Engg. Education & Research	30 th June 2016	National Instruments
		2.Two Week STTP on CMOS, Mixed Signal and Radio frequency VLSI Design	30 th Jan to 4 th Feb 17	IIT kharagpur & DYP Pimpri, Pune
7.	Mr. K. Vijaykumar	1.Attended one day seminar on Engg. Education & Research	30 th June 2016	National Instruments
		2.Two Week STTP on CMOS, Mixed Signal and Radio frequency VLSI Design	30 th Jan to 4 th Feb 17	IIT kharagpur & DYP Pimpri, Pune
8.	Ms. S. R. Wadar	1.Three Days Workshop on SE E&TC Revised Syllabus Digital Electronics	9 to 11 th June 2016	BS COE, Narhe Pune
		2.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
		3.National Level Two Weeks Short Term Training Program on Recent Trends In VLSI & Embedded System	27 th June to 8 th July 2016	MIT COE Pune

		4.International Conference on Control, Computing, Communication & Materials	21st to 22nd Oct 2016	United College of Engg. & Research Allhabad
		5.Two Days national Workshop on Accreditation Process for technical Institution	15 & 16th Dec 2016	DYP SOE Patil Lohegoan
		6.Two days workshop on “Introduction to Robotics”	8 – 9 May 2017	IIT Bombay
9.	Mr. Avinash Patil	1.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
		2.National Level Two Weeks Short Term Training Program on Recent Trends In VLSI & Embedded System	27 th June to 8 th July 2016	MIT COE Pune
		3.International Conference on Signal Processing, Communication, Power & Embedded System SCOPES-2016	3 rd to 5 th Oct 2016	Centurion University of Technology & Mgmt Odisha
		4.International Conference on Control, Computing, Communication & Materials	21st to 22nd Oct 2016	United College of Engg. & Research Allhabad
		5.Faculty Orientation Workshop SE E&TC Revised Syllabus 2015 Course for Integrated Circuit	15 th to 17 th Dec2016	DYP COE Pune
		6.Two days workshop on “Introduction to Robotics”	8 – 9 May 2017	IIT Bombay
10.	Ms. Renuka Bhandari	1.Three Days Workshop on SE E&TC Revised Syllabus Digital Electronics	9 to 11th June 2016	BS COE, Narhe Pune
		2.Seminar on “Test & Measurement	9th March 2017	GWINSTEK CO. LTD, Pune
11.	Ms. Preeti Warriar	1.Three Days Workshop on SE E&TC Revised Syllabus Electronics Devices & Circuits	9 to 11th June 2016	MES COE Pune
		2.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
12.	Mr. Girish Kapse	1. Three Days Workshop on SE E&TC Revised Syllabus Data Structure & Algorithms	9 to 11th June 2016	IIT Pune
		2. Attended short Term Course on State of the Art Microcontroller	3rd to 8th July 2016	IIT Kharagpur
		3.Two Week STTP on Wavelet & Machine Learning	15 th to 25 th Nov 2016	KJ Somaiya IE&IT Mumbai
		4.Faculty Orientation Workshop SE E&TC Revised Syllabus 2015 Course for Object Oriented Programming	15 th to 17 th Dec2016	MES COE Pune
13.	Ms. Rajashree Suryawanshi	1.FDP on Innovations Towards Learners centric Pedagogy	21 st to 25 th Nov 2016	NMIMS Mumbai
		2.Faculty Orientation Workshop SE E&TC Revised Syllabus 2015 Course for Analog Communication	15 th to 17 th Dec2016	MIT COE Pune
14.	Ms. Shilpa Pawar	1.Two days workshop on “Introduction to Robotics”	8 – 9 May 2017	IIT Bombay
15.	Ms. Snehal Marathe	1.FDP on Innovations Towards Learners centric Pedagogy	21 st to 25 th Nov 2016	NMIMS Mumbai
		2.NPTEL online certification on Basic Building Blocks of Microwave Engg.	Jul to Aug 2016 (10 Hours Course)	IIT Kharagpur

16.	Ms. Manisha Nilkanth	1.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
		2.Faculty Orientation Workshop SE E&TC Revised Syllabus 2015 Course for Integrated Circuit	15 th to 17 th Dec2016	DYP COE Pune
17.	Ms. Dhanshree Patil	1.Regional Research Conference , INNOVATION 2016.	7 th Oct 2016	MES COE Pune
18.	Ms. Pragati Rana	1.Three Days Workshop on SE E&TC Revised Syllabus Signals & Systems	9 to 11th June 2016	BS COE, Narhe Pune
		2.Regional Research Conference , INNOVATION 2016.	7 th Oct 2016	MES COE Pune
19.	Ms. Harjeet Kaur	1.One Day Workshop on IOT	7-Jul-16	Phytec, Bangalore, with AIT
		2.STTP on Image Processing & Computer Vision	12 to 16 th Dec 2016	CoE Pune
20.	Ms. Sharda Patil	1.Three Days Workshop on SE E&TC Revised Syllabus Electronics Devices & Circuits	9 to 11th June 2016	MES COE Pune
21.	Mr. Ajinkya Deshmukh	1.National Level Two Weeks Short Term Training Program on Recent Trends In VLSI & Embedded System	27 th June to 8 th July 2016	MIT COE Pune

PAPER PUBLISHED

Year 2016-17

SR NO	NAME OF STAFF	TITLE OF PAPER	YEAR/DATENAME OF JOURNAL, VOLUME & PAGE NO.	NATIONAL / INTERNATIONAL
1.	Mrs. Surekha K S	1.Transform Based Techniques for ECG Signal Compression	ISSN 0973-4562 Volume 11, Number 9 (2016) pp 6139-6143	IJAER
		2.Thread execution on embedded processor - ARM9 core in Embedded Linux environment	12-13 Aug. 2016, DOI: 10.1109/ICCUBEA.2016.7860109	International Conference on Computing Communication Control and automation (ICCUBEA), 2016
		3.DSp based ECG Signal Acquisition Arrhythmia Detection	24 th -25 th March 2017	National , UGCON 2017, MAE, Alandi
2.	Dr. P. B. Karandikar	1.New Generation Fan (Article) (Cooling India Magazine)	Vol 11 No.11 June 2016	Article in Cooling India
		2.Development of ultra Capacitor based Starting System for Two Wheeler.(presented)	7 th Oct. 2016	Regional Innovation 2016
		3.Mobile Applications in SCADA to increase reliability of electrical power system &utilities	11 th & 12 th Nov 2016	The Institution of Engineers (India) (in association withIEEE Pune Section)
		4.Earthing : Facts & recent Trends		
		5.Selection of Energy Storage System for Automobile, Telecommunications & Power Sector for sustainable Energy		
		6.New Approach to Assess the insulation condition of condenser Bushing		
		7.Innovative Ball milling Techniques for Electrode Materials processing in electrical energy Storage devices	15 th Jan. 2017	2 nd International conference on Engineering Technology, Science and Management Innovation
		8.Challenges in Adopting UHV system for transmission of electricity		
3.	Mr. J. B. Jawale	1.Secret Image Transmission with Dynamic Cryptography	ISSN : 23938374Vol III Issue VI 2016	International journal of current Engineering and scientific research (IJCESR)
		2. Multilevel biometric security system for solar panel cleaning bot using person authentication.	201621025460 A (Appln No.)	19/08/2016 Patent

		3. Cost Effective Solution for Multimodal Biometric Security of Solar Panel Cleaning System using Android.	201621028216A	02/09/2016 Patent
		4. Cost Effective BOT for Cleaning Solar Panel Array	App. No. :2662/DEL/2015	Publication Date: 03/03/2017
4.	Mr. K. Vijaykumar	1. Secret Image Transmission with Dynamic Cryptography	ISSN : 23938374 Vol III Issue VI 2016	International journal of current Engineering and scientific research (IJCESR)
		2. Cost Effective BOT for Cleaning Solar Panel Array	App. No. :2662/DEL/2015	Publication Date: 03/03/2017
5.	MS. S D Oza	1. "Performance Analysis of Denoising Filters for MR Images	ISBN : 978-981-10-2629-4 (print) ISBN:978-981-10-2630-0 (online)	"Advances in Computing Applications", February 2017, @ Springer 2016
		2. Using OpenCV over Matlab for Implementing Image Processing Application on CUDA GPU to achieve better execution speedup."	ISSN : 2278-0181 DOI : http://dx.doi.org/10.17577/IJERTV6IS040455 April 2017	International Journal of Engineering Research & Technology (IJERT)
6.	Ms. S. R. Wadar	1. Improved Algorithm for Floating Point Multiplication	978-1-5090-4620-1/161\$31.00(C) 2016 IEEE	International Conference on Signal Processing, Communication, Power and Embedded System, organized by centurion university of Technology and Management Odisha
		2. Performance analysis of Multiplication Operation based on Vedic Mathematics (Presented)	21 – 22 October 2016	2 nd IEEE sponsored International Conference on Control Computing, Communication & Material, organized by United CoE & Research , ALLahabad
		3. External Memory Interface for RISC Controller on Reconfigurable H/ W Logic	2 nd -3 rd Dec.2016	IEEE sponsored International conference on Advances in Electronics, Communication and Computer Technology, RSCOE, Pune
		4. Division Operation based on Vedic Mathematics		
7.	Mr. Avinash Patil	Improved Algorithm for Floating Point Multiplication	978-1-5090-4620-1/161\$31.00(C) 2016	International Conference on Signal Processing, Communication, Power and Embedded System , organized by centurion university of

				Technology and Management Odisha
		Performance analysis of Multiplication Operation based on Vedic Mathematics (Presented)	21 – 22 October 2016	2 nd IEEE sponsored International Conference on Control Computing, Communication & Material organized by United CoE & Research , ALLahabad
		3.External Memory Interface for RISC Controller on Reconfigurable H/ W Logic	2 nd -3 rd Dec.2016	IEEE sponsored international conference on Advances in Electronics,Communication and Computer Technology, RSCOE, Pune
		4.Division Operation based on Vedic Mathematics		
8.	Mrs. Renuka Bhandari	CENTRALIZED SECURITY SYSTEM BASED ON IoT	E ISSN:2395-1648, Volume 2 Issue 3, June 2016	International Journal of Research in Advance Engineering
9.	Ms. Manisha Nilkanth	Fully Automatic Water Level Controller with MAGN	201621028759	02/09/2016 Patent
10.	Harjeet Kaur	SPEECH ENHANCEMENT USING ADAPTIVE FILTER FOR MACHINE LEARNING	201621035341	2016/11/04 patent
11.	Ms. Dhanshree Patil	Performance Evaluation of Indoor Positioning System (presented)	7 th October 2016	Innovation 2016 (Regional)
12.	Ms. Pragati Rana	Performance Evaluation of Indoor Positioning System (presented)	7 th October 2016	Innovation 2016 (Regional)

BOOK PUBLICATION

Sr #	Name Of The Staff	Name of Book	YEAR/DATE	Publisher
1.	Dr. G. R. Patil	Data Structures and Algorithm	July 2016	Nirali Publication
		Analog Communication	Jan. 2017	

FACULTY AS RESOURCE PERSON Year 2016-17

Sr. No.	Name Of The Staff	Topic of guest lecture	YEAR/DATE	Organizer
1.	Dr. G R Patil	1. Faculty Orientation Workshop SE (E&TC/Elex) Revised Syllabus on Data Structure & Algorithms.	09th June 2016	I ² IT Pune
		2. Object Oriented Programming SE E&TC Revised Sullabus-2015Course.	15 th Dec 2016	MES COE Pune
		3. Digital Communication Detection Theory.	9 th sep 2016	PICT Pune
2.	Dr. P. B. Karandikar	1. FDP on Advances in Energy Storage Devices	1 st Dec 2016	PVG COE Pune
3.	Ms. S D Oza	1. Advanced Computer Architecture	Sept. 2016	IT Dept., AIT, Pune
		2. Introduction to CUDA Programming	Sept. 2016	AIT, Pune
4.	Ms. Harjeet Kaur	1. Information Technology and Coding Technique	25th March 2017	ICEM, Pune

- Dr. G. R. Patil Contributed as session chair in the IEEE & SPPU, Pune sponsored International Conference on (ICAECCT-2016) on 2nd Dec.2016
- DR. G. R. Patil Award Ceremony of Aakruti 2016 on 3rd October at 3DPLM Campus Pune.
- Mrs. Surekha K S, reviewer for Elsevier Journal.
- Mrs. Surekha K S invited as reviewer for IEEE conference at CoEP.
- Mr. J B Jawale invited as examiner in DIPEX 2017, state level project exhibition cum competition on 17th-20th March 2017 at Chinchwad gaon Pune
- Mr. Avinash Patil Judged (ME Project) VLSI & Embedded System, Signal Processing, Digital System, Microwave Engg, Communication Network on 18-19th June 2016 at JSPM's Rajarshi Sahu COE Pune-33
- Mrs. Rajashree Suryawanshi judged Inter college IETE project competition on 27 April 2017 at RMD Sinhgad School of Engineering

RESEARCH GRANT FROM EXTERNAL AGENCIES

1. Received research grant from Board of college & University development (BCUD), University of Pune, for the research project. Amount sanctioned is Rs. 1, 40,000 to Dr. B. P. Patil.
2. Received research grant from Board of college & University development (BCUD), University of Pune, for the research project. Amount sanctioned is Rs. 1, 60,000 to Mrs. Surekha K S.
3. Received research grant from Board of college & University development (BCUD), University of Pune, for the research project. Amount sanctioned is Rs. 1, 50,000 to Dr. P B Karandikar.
4. Received research grant from Board of college & University development (BCUD), University of Pune, for the research project. Amount sanctioned is Rs. 2, 00,000 to Dr. P B Karandikar.
5. Received research grant from Board of college & University development (BCUD), University of Pune, for the research project. Amount sanctioned is Rs. 1, 80,000 to Mr. J B Jawle and MR. Vijay Karra