



ARMY INSTITUTE OF TECHNOLOGY

Dighi Hills, Alandi Road, Pune 411 015

Department of Electronic & Telecommunications Engineering



R&D Data Academic Year 2015-16

Publications (Journal): Academic Year (1 June to 31 May)

SR. NO.	NAME OF AUTHORS	TITLE OF PAPER	NAME OF JOURNAL	NATIONAL/INTERNATIONAL	ISSN NO.	VOL/ISSUE NO.	PAGE NO.	DATE/YEAR	INDEXING SCOPUS/SCI/SCIE/WOS/UGC APPROVED/OTHER	IMPACT FACTOR (SJR/JCR)
1.	Dr. G. R. Patil	An Iterative Semi-blind Channel Estimation for MIMO Wireless communication System	International Journal of latest trends in Engg. & Technology	International Journal	ISSN:2278-621X	Vol 6 Issue 4,	125-132	March 2016	Other	--
2.	Mrs. Surekha KS	ECG Signal Compression Using the High Frequency Components of Wavelet Transform	IJACSA	International Journal	2158-107X	Vol 7, No. 3	311 - 314	2016	Other	--
		Transform Based Techniques for ECG Signal compression	IJARE Journal	International Journal	ISSN 0973-4562	Volume 11 No.9		May 2016	Scopus	0.18
		ECG Signal Compression Using the High Frequency Components of Wavelet Transform	IJACSA	International Journal		Volume 7 No.3		May 2016	Other	--
3.	Mr. K. Vijaykumar	Secret Image Transmission using Carrier Image & Scan Patterns	IJCAT	International Journal	2348-6090	Vol 3 Issue 5	307 - 310	May 2016	Other	--
4.	Mrs. Renuka Bhandari	Wireless Network for Unmanned Ground Vehicle	IJARE Journal	International Journal		Vol 1 Issue 2		Feb 2016	Other	--
5.	Ms. R. Suryawanshi	Face Recognition Technology based Automated Attendance Systems	IJARED Journal	International Journal	2348-6406	Vol 3 Issue 4	392-395	April 2016	Other	--
6.	Mr. Girish Kapse	Survey on Image Fog Reduction Techniques	IJACSA	International Journal		Vol 5, Issue 2,		April 2016	Other	--
		Technical Survey of Topics and Trends - Internet of Things	IJACSA	International Journal		Vol 5, Issue 2,		April 2016	Other	--

Note : SCI – Scimago Citation Index (Refer Web link - <https://www.scimagojr.com>)

JCR – Joint Citation Report (Search on google for JCR report for year of publication)



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➤ **Publications (Conference): Academic Year (1 June to 31 May)**

SR. NO.	NAME AUTHORS	TITLE OF PAPER	NAME OF CONFERENCE	LOCAL /STATE /NATIONAL/ INTERNATIONAL	ISBN	PAGE NO.	DATE/YEAR OF CONFERENCE	PRESENTED (YES /NO)	INDEXING IF ANY
1.	Dr. B. P. Patil	PAPR & BER Performance of OFDM System using DQPSK Modulation”	ICCNE2015 Chiang Mai	International			22nd & 23rd Nov 2015	Yes	
2.		BER analysis of PAPR reduction techniques in SFBC OFDM Systems: A Review	VIT Pune	International (IEEE)			16-19 Dec 2015		
3.	Dr. G. R. Patil	Study & Implementation of MIMO Based Wireless Communication System(Poster)	INNOVATION 2015	Regional					
4.	Mrs. Surekha KS	Bike Tracker	MIT AOE Alandi	National Conference			11/03/2016		
		Implementation of Physical Web using BLE	MIT AOE Alandi	National Conference			11/03/2016		
5.	Dr. P. B. Karandikar	Development of Ultra –Capacitor Based Starting System (Poster)	INNOVATION 2015	Regional			6 July 2015		
		Development of Activated Carbon from Ashoka Tree Leaves for Super-capacitor	IEEMA Journal	National			Feb 2016		
6.	Mr. JB Jawale Mr. K. Vijay Kumar	Solar Panel Cleaning Bot for Enhancement of Efficiency-n An Innovative Approach	ICDCS 2016	International Conference	75706 34	103-108	3 to 5th March 2016		
7.	Ms. Renuka Bhandari Dr. G. R. Patil	Study & Implementation of MIMO Based Wireless Communication System)	INNOVATION 2015	Regional			1 July 2015		
8.	Ms. R. Suryawanshi	Performance Evaluation of Large MIMO(INNOVATION 2015	Regional			1 July 2015		
9.	Ms. P. Rana	Performance Evaluation of Indoor Positioning System.	INNOVATION 2015	Regional			1 July 2015		
10.	Mr. Avinash Patil	Vedic Mathematics Based Multiplier Design	AIT	National			11 July 2015		
11.	Mr. Mahesh Patil	Speech Intelligibility Enhancement Transform	AIT	National			11 July 2015		
12.	Ms. Manisha Nilkanth	Fabrication of do it yourself Solar Kit : Democratizing solar Energy Applications.	PESTSE	International Conference			Jan 2016		
13.	Dr. Anita Jain	IOT Based Theft Detection & Alarming System For Farm Equipment.	ICI2TM	International Conference			25- 27 Feb 2016		
		A Survey: Cardiac Algorithm & its Wide Applications	DY Patil in col with SPPU	National Conference			17-18 Feb 2016		



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➤ **Book Published: Academic Year (1 June to 31 May)**

SR. NO.	NAME OF AUTHORS	TITLE	ISBN	LOCAL/NATIONAL/INTERNATIONAL	PUBLISHER DETAILS	EDITION	DATE/YEAR
1	Dr. G. R. Patil	Wireless Networks	978-93-5164-890-1	Local	Nirali Publication	First	Jan -2016