

**Name:** - TILEKAR RANJANA TULSHIRAM

**Personal Details:-**

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Department	Electronic Science		
Designation	Assistant Professor		
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**Member Of:-**

College Committees
Magazine

**Area of Interest in Research:**

Embedded System
Communication System
Digital Signal Processing

**Research publications:**

<i>Khandge Y.S, Tilekar R.T.,Komal Deokar,Akshada Joshi and Zambare M.S., "Implementation of DT Filters in real time on TMS320C6713 DSK", in National Conference on Advances in Electronics and its Interdisciplinary Application [NCAEIA-2014] on 19th and 20th September 2014 ISBN No. 9789351747833,pp-190</i>
<i>Khandge Y.S, Tilekar R.T, Das Ritika and Zambare M.S., "Implementation of real time Audio effects on TMS320C6713 DSK", in National Conference on Advances in Electronics and its Interdisciplinary Application [NCAEIA-2014] on 19th and 20th September 2014 ISBN No. 9789351747833,pp-194</i>

**Seminars and Workshops Attended:-**

Sr. No	Description	Organizers	Duration	Date
1.	PLC Workshop	Modern College, Pune	2 day	20 <sup>th</sup> to 21 <sup>th</sup> March 2008
2.	T.Y.B.Sc syllabus revision on Microcontroller and Power Electronics	Fergusson College, Pune	1 day	28 Nov 2009
3.	15th National Seminar on physics and Technology of sensors wireless sensor Network	University of Pune, Department of Electronic Science	1 day	3rd March 2010
4.	Embedded Produce Design (SAN Techno Mentors)	Fergusson College, pune	1 day	14 September 2010
5.	Teaching Methodology for MATLAB and C	Fergusson College, Pune	1 day	8th Jan 2011
6.	Designing with Xilinx 7-series families	Workshops, Pune	1 day	1 <sup>st</sup> Feb 2012
7.	State level "Digital system design using VHDL on CPLD board"	Modern College, pune	2 day	10 <sup>th</sup> -11 <sup>th</sup> Feb 2012
8.	"Wave theory and Antenna" National level Seminar,	Modern College, pune	3 day	23 <sup>th</sup> to 25 <sup>th</sup> Feb 2012
9.	Panel Discussion on Research Methodology.	Fergusson College, Pune	1 day	27 March 2012
10.	"Embedded Robotics "	University of pune	2day	6-7 <sup>th</sup> Oct 2012
11.	Embedded Systems (AVR Microcontroller).	PROTUS Systems, Pune	1 day	20 <sup>th</sup> Oct 2012
12.	Preparation and implementation of M.Sc.Part-1 Electronic Science syllabus as per Choice Based Credit System	Fergusson College, Pune in Collaboration with University of pune	1day	26 <sup>th</sup> Feb 2013

13.	India Edu Services (IES) training	University of pune,	2 days	23 <sup>rd</sup> to 24 <sup>th</sup> April 2013
14.	“Preparation and implementation of M.Sc-Part-II Electronic Science Syllabus as per choice based credit system”	Fergusson College, Pune	1day	8 <sup>th</sup> Feb 2014
15.	Research Planning and Technical paper writing under faculty training program	Fergusson College, Pune	2 Day	13 <sup>th</sup> to 14 <sup>th</sup> Jan 2014
16.	Faculty Training Program on “Nuvoton Numicrocontroller ARM Cortex M0 and its applications”	University Of pune	2 days	14 <sup>th</sup> to 15 <sup>th</sup> Jan 2014
17.	“Robotics Workshop”	Fergusson College, Pune	1 day	18 <sup>th</sup> supt 2014
18.	National Conference on Advances in Electronics and its Interdisciplinary Application [NCAEIA-2014]	Fergusson College, Pune	2 Days	19 <sup>th</sup> -20 <sup>th</sup> Sept 2014
19.	Teachers Training Program	Fergusson College, pune	7 days	24Nov- 1 <sup>st</sup> Dec2014
20.	“Calibration of Sensor”	University of pune	1day	8 <sup>th</sup> Aug 2015

#### Seminars and Workshops Organized:-

Embedded Produce Design (SAN Techno Mentors), 14 September 2010
Embedded Systems (AVR Microcontroller), PROTUS Systems Pune, 20 Oct 2012
Panel Discussion on Research Methodology, 27 March 2012
Preparation and Implementation of M.Sc. Part 2 Electronic Science syllabus as per choice based credit system, 26 <sup>th</sup> Feb 2013
Research Planning and Technical paper writing under faculty training program, 13 <sup>th</sup> to 14 <sup>th</sup> Jan 2014
Preparation and Implementation of M.Sc. Part 1 Electronic Science syllabus as per choice based credit system, 8 Feb 2014
National Conference on Advances in Electronics and its Interdisciplinary Application [NCAEIA-2014] , 19 <sup>th</sup> and 20 <sup>th</sup> September 2014