

Name:- Mrs. A. P. Kathe

Personal Details:-

Name	KATHE	AMRUTA	PRASAD
	<i>SURNAME</i>	<i>FIRST NAME</i>	<i>MIDDLE NAME</i>
Department	Electronic-Science		
Designation	Associate Professor		
Qualification(s)	M.Sc. (Electronic-Science)		
Certification(s)/Professional Courses/Exams	SET (1995)		
Email-Id	Amruta.kathe@fergusson.edu		
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Member Of:-

College Committees	Other Committees
Website	
Library	
Admission	

Research Done:

Designing of signal conditioning block for various instrumentation systems
Serial and Parallel communication links for various instruments
E.C.G. signal monitoring system(4 beds; extendable to 12 beds)

Area of Interest in Research:

Electronic Instrumentation
Data Communication
Biomedical Instrumentation

Books Published:

Name of Book	Author(s)	ISBN No.	Year	Edition	Publisher

Research publications:

A. P. Kathe, S. S. Bhagwat, National Conference on Advances in Electronics and Its Interdisciplinary Applications, September-2014
S. S. Bhagwat, A. P. Kathe, National Conference on Advances in Electronics and Its Interdisciplinary Applications, September-2014
A. P. Kathe et al, National seminar on Physics and Technology of sensors at University of Pune, February-2006
A. P. Kathe, S. S. Bhagwat, National seminar on advance software techniques at Sangamner, January-2006
S. S. Bhagwat, A. P. Kathe, National seminar on advance software techniques at Sangamner, January-2006
A. P. Kathe et al, National seminar on Promotion of basic sciences as a career at Modern College, Pune, December-2002

Seminars and Workshops Attended:-

Workshop for teachers of Electronic-Science under UGC scheme of Promotion of Basic Science as Career	Modern College, Pune	August, 2001
Seminar on Role of Academia in Sustainable Development	University of Pune	December, 2002
National Seminar on Promotion of Basic Science as Career	Institute of Engineers, Pune	December, 2002
Workshop for teachers of Electronic-Science under UGC scheme of Promotion of Basic Science as Career	Modern College, Pune	August, 2002
Workshop on Syllabus Framing of T.Y.B.Sc. Electronic Science Practical Course	Poona College	February, 2004
10'th National Seminar on Physics and Technology of Sensors	Vishwakarma Institute of Technology (VIT), Pune	March, 2004
Workshop on revision of M.Sc. Electronic Science syllabi	Modern College	October, 2004
11'th National Seminar on Physics and Technology of Sensors	University of Pune	February-March, 2006
Teachers' Training Workshop (Soft-skill)	Fergusson College	November-December, 2007
Workshop on F. Y. B. Sc. Electronics Syllabus Revision	Fergusson College	August, 2007
Workshop on S. Y. B. Sc. Electronics Syllabus Revision	Abasaheb Garware College	August, 2008
National Symposium on Nanomaterials	Fergusson College	2008

Workshop on T.Y. Syllabus Revision	Poona College	19 Dec., 2009
Workshop on Wireless Sensor Networks[Under NSPTS 15]	University of Pune	3 March, 2010
International Conference Lasers and Advanced Materials	M.E.S. Garware College	6 to 8 March,2010
National Conference on Sensor Networks and Embedded Systems	M.E.S. Garware College	2 to 4 Feb., 2011
National Conference on Biodiversity Monitoring and Research	Fergusson College	7,8 Dec., 2012
International Conference on Perspective of Computer Confluence with Sciences	Nowrosjee Wadia College	10 to 12 Dec., 2012
State Level Conference on Autonomy to Colleges and Roll of IQAC	Fergusson College	10, 11 Sep., 2013
Workshop on Research Planning and Technical Paper Writing under faculty training program(FTP) (FC and SPEED)	Fergusson College	13, 14 Jan., 2014

Seminars and Workshops Organized:-

Workshop on Communication Skills in English (*)	Fergusson College	April, 2003
Workshop on revised syllabus of S.Y.B.Sc. Electronic Science (*)	Abasaheb Garware College	July, 2003
Workshop on Implementation of T.Y.B.Sc. Electronic Science Practicals (*)	Fergusson College	July, 2004
Workshop for Non-teaching Faculty	Fergusson College	2008

Workshop on T.Y. Syllabus Revision (*)	Fergusson College	28 Nov., 2009
Workshop on T.Y. Syllabus Revision (*)	M.E.S. Garware College	5 Dec., 2009
Workshop on T.Y. Syllabus Revision (*)	Modern College	8 Dec., 2009
Workshop on Mentoring Skills (*)	Fergusson College	15 Oct., 2010
Workshop on Teaching Methodology for Matlab and C (*)	Fergusson College	8 Jan., 2011
Seminar on Vedic Science (*)	Fergusson College	10, 11 Jan., 2012
Workshop on F.Y.- Q.B. preparation under Examination Reforms – UGC XI Plan (*)	Fergusson College	2 to 17 April, 2012
Workshop on Promotion of Excellence in Electronic Science (FC and SPEED) (*)	Fergusson College	24 Aug., 2013
Pre-conference workshop on Robotics	Fergusson College	18 Sep., 2014
National Conference on Advances in Electronics and Its Interdisciplinary Applications (*)	Fergusson College	19, 20 Sep., 2014

Other Accomplishments:-

<ul style="list-style-type: none"> Contributed as invited teacher for Integrated M.Sc. course of Institute of Bioinformatics and Biotechnology (IBB), University of Pune.
<ul style="list-style-type: none"> Invited talks for Nova Medical Syatems