

Name of Teaching Staff : Prof. Tanaji D. Biradar

Designation : Assistant Professor

Department : Electronics & Telecommunication Engineering

Date of Joining the Institution : 5.7.2004



Qualifications with Class / Grade : 1. M.Tech.(Digital Communication) in 1999 from Barkatullah Vishwvidyalaya Bhopal (M.P.) with 1st Class Distinction 79.55%.
2. B.E. (Electronics & Telecommunication Engineering) in 1990 from Marathwada University with 1st Class distinction 68.06%.
3. Ph.D. (Pursuing), RGIT, University of Mumbai.

Total Experience in Years : **Teaching 27 years**

1. Assistant Professor, D.J. Sanghvi College of Engineering from 5.7.2004 till date.
2. Lecturer (Sr. Grade) Rajiv Gandhi Institute of Tech. from September, 1993 to April, 2004.
3. Lecturer, M.G.M. College of Engineering from January, 1992 to September, 1993.

Industry: --

Research: --

Papers Published

: **National:** 5

1. Published Paper on “Self or doing KISOK” DJSpark 2012.
2. Published Paper on “4G Evolution & Related Technologies, Technofocus 2010, DJSCOE.
3. “Constant false alarm rate multipath detector for multiple antenna based GNSS receivers” International Conference on Electrical Electronics and Data Comm. Engg (ICEEDC) DELHI. 17th Feb, 2013.
4. “BER Performance Analysis & Improvement in Spectral Efficiency for SSB-QPSK Transmission” National Conf on REACT-2013, Bapurao Deshmukh COE Wardha, and IJECCE.ISSN:2249-071X, 14th Feb, 2013.
5. “Bit Error Rate Analysis for SSB-QPSK Modulation”, ICAET-2013, IRD (Bhubaneswar, Odisha) organized at Ahmedabad, I SBN no : 978-93-81693-99-1, 10th Feb, 2013

International: 10

1. “Utilizing the Visible Spectrum for Wireless Transfer of Information” 2012 7th International Conference on Telecom. Systems, Services, & Applications (TSSA)Bali, Telecom Engineering Research Group School of Electrical Engineering Informatics Institut Teknologi Bandung INDONESIA.IEEE Catalog Number: CFP1291P-PRT ISBN: 978-1-4673-4547-7. 30-31 October 2012.
2. “Wireless Transmission of a Grayscale Image Using Visible Light.” ICATE-2013, SVKM’s MPSTME, MUMBAI, 23-24 Jan 2013
3. “Video Object Tracking Using Particle Filtering”, ” IJ E R & T .ISSN:2278-0818, (Published by ESRSA Publication), Volume -2, Issue 9, September-2013.
4. “Design and Development of Smart Socket-Energy monitoring and controlling”. IJ E R in S Technology and Engineering, ISSN:2319-7463 Vol.2 Issue 13. December-2013.
5. “Augmentation in Mean Shift Performance with Hue Preservation”, publication in Communications on Applied Electronics (CAE), November 2015 Edition.
6. “Review of Mean Shift Algorithm and its Improvements”, ICCT-2015, Dawarkadas J. sanghvi college of Engineering, Vile parle (W), Mumbai. 2015.
7. “Review of nature Inspired Algorithms”, International Journal of Computer and Conference on Research In Elepplations. January 2015.
8. “Mobile Function Generator Using Android”, ICAC3, (Available online at www.sciencedirect.com), April 01, 2015. “Mean shift algorithm using gray level grouping”, *INDIACom – 2016*, BVICAM, New Delhi – 63. 2016.
9. “Performance Analysis of AODV for PKI and IBE based Key Management Schemes for Wireless Sensor Networks”, ICET 2016, Coimbatore, India. (To be published in IEEE Digital Library). 2016.
10. “Survey on Key Management Schemes for Constraint Environment of WSN”, International Journal of Computer Application, Vol. 150, pp. 19 – 23, Sept – 2016. International Journal of Computer Application, Vol. 150, 19 – 23, Sept - 2016 Edition.

Papers Presented in Conferences	:	<u>National:</u>	--
		<u>International:</u> 2	--
PhD Guide? Give field & University	:	<u>Field:</u>	--
		<u>University:</u>	--
PhDs / Projects Guided	:	<u>PhDs :</u>	--
		<u>Projects at Masters level:</u>	--
Books Published / IPRs / Patents	:		--
Professional Memberships	:	ISTE : LM22167	
Consultancy Activities	:		--
Awards	:	Best Teacher Award 2010.	
Grants fetched	:		--
Interaction with Professional Institutions	:		--