

RESUME

Mr. Ganesh N. Jadhav

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Apptment, Audumbar Nagar,
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422003

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Educational Qualification:	Post Graduation:	Government College of Engineering, Pune	
	Power System	Pune University	
	M.E. (2004)	67.20%	First class
	GATE(2002)	86%	
	Graduate:	Government College of Engineering, Chandrapur	
	Electrical Engineering	Nagpur University	
	Final Year (2002)	77.04%	First Class with Distinction
	Third Year (2001)	62.96%	First Class
	Second Year (2000)	65.22%	First Class
	Diploma:	Government Polytechnic, Solapur	
	Electrical Engineering	M.S.B.T.E., Mumbai	
	Third Year (1999)	69.46%	First Class
	Second Year (1998)	63.79%	First Class
First Year (1997)	67.18%	First Class	
General	K.A.J. Vidyalaya, Karmala.		
S.S.C. (1996)	80.80%	First Class with Dist	

Proficiency in:	MATLAB and SIMULINK LATEX, PSIM Power Simulation, , PSCAD (Power System Computer Aided Design) ETAP (Electrical Transient Analysis Programming), Programming Language: C, C++
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Experience:	Period	Profile	Institute/ Industry
	Sept. 2004 - Dec 2005	Lecturer	Dr. B. A. T. University, Lonere, Raigad
	Jan 2006 –July 2008	Lecturer	A.I.S.S.M.S. College of Engineering, Pune
	Aug 2008-July 2014	Asst. Professor	ZES, Dnyanganga College of Engineering and Research, Narhe, Pune
	July 2014-Dec 2014	Asst. Professor	Someshwar College of Engineering, Someshwar, Pune
	Jan 2015-till date	Asst. Professor	K.K. Wagh Institute of Engineering Education and Research, Nashik 422003

Academic Projects:	<p>M.E. Dissertation: Synchronized Phasor Measurement for Transmission Line Protection and Power System Analysis.</p> <p>B.E. Project: PC Based Protection of Alternator.</p> <p>Diploma Project: Fabrication of an Induction Motor.</p>
Subjects Thought:	<ul style="list-style-type: none"> • For F.E.-Basic Electrical Engineering • For S.E.- Electrical Measurement and Instrumentation, Digital Computational Techniques, Power System-I, Electrical Machines-I, Analog and Digital Electronics • For T.E.-Power Electronics, Power System-II • For B.E.-Power System Operation and Control, Digital Signal Processing, Industrial Drives and Control • For M.E. Power System: Computer application in power system, Power System Dynamics, Power System Planning and Reliability, Digital Signal Processing, Advanced Power System Protection.
Teaching Achievements	<ul style="list-style-type: none"> • AY 2016-2017—Power System Operation and Control—(98% Result)(UG) • AY 2016-2017—Computer Application in Power System—(100% Result)(PG) • AY 2016-2017—Advanced Power System Protection—(100% Result)(PG) • AY 2015-2016—Power System Operation and Control—(98% Result)(UG) • AY 2015-2016—Numerical Methods & Computer Prog.—(98% Result)(UG) • AY 2015-2016—Computer Application in Power System—(100% Result)(PG) • AY 2015-2016—Advanced Power System Protection—(100% Result)(PG) • AY 2015-2016—Digital Signal Processing—(100% Result)(PG) • AY 2015-2016—Power System Dynamics—(100% Result)(PG) • Guided 6 Students for PG projects • Guiding 5 Students for PG projects
Laboratory Development:	<ul style="list-style-type: none"> • Worked for laboratory development of Electrical Machines-I, Electrical Measurement and Instrumentation, Analog and Digital Electronics, Power Electronics, Power system-II, Computer lab etc.
Duties Handled at University Level:	<ul style="list-style-type: none"> • Board of Studies Member (BOS) Coordination committee at SPPU for Electrical Engineering from Jan 2016 to till Date • Active member in syllabus revision in 2008, 2012, 2015 pattern UG and 2013 and 2017 pattern PG • Chairman: Computer Application in Power System (PG), Seminar-II and Project Stage-I (PG), Digital Signal Processing (UG), Numerical Methods and Computer Programming (UG), Analog and Digital Electronics (UG), Industrial Drives and Control (UG), -+ • Paper setter Electrical Measurement and Instrumentation, Basic Electrical Engineering, Power Electronics, Power System-II

Papers Published:

Journal

Sr. No.	Author(s) Details	Journal Details	Titles of the Paper Published and Journal.
1.	Ganesh N. Jadhav, Dr.Anjali A. Dharme	IE Technical Journal-2012	"Power Electronics Technologies in Smart Grid"
2.	Ganesh N. Jadhav, Sadik J. Shaikh, Omkar N. Buwa	Springer- Special Issue for ISGF	"Challenges in Implementing a Virtual Synchronous Generator"

International Conferences

Sr. No.	Author(s) Details	Title of the Paper and Place of Presentation
1	Ganesh N. Jadhav Omkar N. Buwa	"Primary Frequency Support by Virtual Synchronous Generator with Precise Frequency Detection Techniques" IEEE PIICON 2016, 7 th Power India International Conference, Govt. Engineering College Bikaner, Rajasthan
2	Ganesh N. Jadhav Dhanashree D. Changan	"Modelling of Inverter for Stability Analysis of Microgrid" IEEE PIICON 2016, 7 th Power India International Conference, Govt. Engineering College Bikaner, Rajasthan
3	Ganesh N. Jadhav Gaurav Dhikale	"Design and Analysis of TZ-Source Inverter for Integration of Renewable Energy" IEEE PIICON 2016, 7 th Power India International Conference, Govt. Engineering College Bikaner, Rajasthan
4	Ganesh N. Jadhav Omkar N. Buwa	"Accurate measurement of reference power for Virtual Synchronous Generator with precise frequency detection techniques," 2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES), Delhi, 2016, pp. 1-5.
5	S. V. Muddebihalkar G. N. Jadhav	"Analysis of fault location algorithm for transmission line protection based on synchronized phasor measurement," 2015 International Conference on Energy Systems and Applications, Pune, 2015, pp. 118-123
6	S. V. Muddebihalkar G. N. Jadhav	"Analysis of transmission line current differential protection scheme based on synchronized phasor measurement," 2015 Conference on Power, Control, Communication and Computational Technologies for Sustainable Growth (PCCCTSG), Kurnool, 2015, pp. 21-25.
7	Ganesh N. Jadhav, Dr.Anjali A. Dharme	"Power Quality Disturbance Classification using Discrete Wavelet Transform based EDMRA Method" IEEE International Conference on Communication and Signal Processing-ICCSP'13, Melamaruvanthur, Tamilnadu, India, April 2013
8	Ganesh N. Jadhav, Dr.Anjali A. Dharme	"Technical challenges for development of smart grid in India," IEEE International Conference on Advances in Engineering, Science and Management (ICAESM), 2012, vol., no., pp.784,788, 30-31 March 2012
9	Deokar S.A., Waghmare L.M., Jadhav G.N.	"Voltage flicker assessment of induction motors used in the integrated water pumping station" IEEE Joint International Conference on Power Electronics, Drives and Energy Systems (PEDES) & 2010 Power India, 2010, vol., no., pp.1,7, 20-23 Dec. 2010
10	Ganesh N. Jadhav, A.A. Apte V.V. Khatawkar	"A Comparative Study of PWM-based Control Techniques for Multilevel Inverter", 1 st International Conference on Advances in Energy Conversion Technologies (ICAECT 2010), Jan07 -10, 2010
11	Ganesh N. Jadhav, S. P. Ghanegaonkar, Shweta R. Lengade	"Dependability and security evaluation of transmission line protection algorithm using synchronized phasor measurement", 4 th International conference on Power System Protection and Automation, 21-22 Nov 2007, New Delhi, India

National Conferences

Sr. No.	Date	Title of the Paper and Place of Presentation
1	14 Dec-2003	"Synchronised phasor measurement for power system protection and control" IEEE's 29 th Annual Convection and Exhibition in 2003 held at Pune

Workshops Attended:	Sr. No.	Date	Title of Workshops / Seminars / Conference
	1	June- Oct 2018	12 Weeks course on Fundamental of Electrical Engineering NPTEL Online Course
	2	June- Oct 2018	8 Weeks course on Electrical Distribution System Analysis NPTEL Online Course— 2nd Topper in India
	3	Aug-Sept	Faculty Development program on ET702x: Designing Learner-Centric MOOC organized by IITBOMAYX
	4	3 May-23 May 2018	Faculty Development program on ET701x: Elements of Learner-Centric MOOC organized by IITBOMAYX
	5	Nov-April 2018	12 Week course on Power System Engineering NPTEL Online Course
	6	26 th -30 th March 2018	One week STC on Computer Aided Power System Analysis Conducted by NITTR Chandigarh
	7	29th -30th January 2018	Smart Grid Technologies & Applications of IOT Electrical Engg dept, KKWIEER Nashik
	8	June-Oct 2017	12 Week course on Power System Analysis NPTEL Online Course-- -5% Topper in India
	9	3rd Aug to 7 Sept.2017	Two week FDP on Foundation Program in ICT for Education conducted by IIT, Bombay from (Online activity from 3rd Aug 2017- 7th Sept 2017 and Physical Participation from 19th & 20th Aug 2017)
	10	1-5 May 2017	One week ISTE STTP on Coordinators Electric Power System conducted by IIT Kharagpur
	11	8 weeks	A Short Term Course on MATLAB Programming for Numerical Computation NPTEL Online Course
	12	4 weeks	A Short Term Course on Outcome based pedagogic principles for effective teaching NPTEL Online Course
	13	07 January - 07 March 2016	A Short Term Course on Educational Technology for Engineering Teachers by IIT BombayX, CDEEP
	14	04 January - 10 May 2016	A Short Term Course on Introduction to Computer Programming by IIT BombayX, CDEEP
	15	26-30 Dec 2016	A One week short term course on Power Conditioning and distributed power generation at SVNIT, Surat
	16	6-10 April 2016	A One week short term course on Power electronics applications in microgrid at VNIT, Nagpur
	17	28-29 Dec 2015	Workshop on Principles of Research Methods , at JNEC, Aurangabad
	18	22-24 Aug 2015	FDP on Energy and Power Quality Management and High voltage engineering organized by IET Nashik Local Network at R.H. Sapat College of Engineering, Nashik
	19	27-28 Feb	National workshop on Emerging Technologies in Power

		2015	Electronics and Applications at AISSMS COE, Pune
20	29-31 Jan 2013		National Workshop on Green Technology: Solar-Wind Hybrid Energy Systems held at DCOER Pune
21	20-22 March 2012		National Level Workshop on Advances in Switchgear and Protection held at DCOER Pune.
22	10-12 Feb 2012		A workshop on Latex for Technical Documentation
23	5-9 Dec 2011		A Workshop on Learning latex for Technical Report Writing Organized by COEP, Pune
24	14-16 Nov 2011		A Workshop on Emerging Technologies in Smart Grid Organized by KKWIEER, Nashik
25	01-05 Feb 2011		Mission 10X Organised by Wipro Technologies
26	06 Dec 2003		Workshop on Recent trends in electrical power system organized by PVG's COE, Pune- 2 days-2002
27	30 Jan-01 Feb 2004		Workshop on "Recent trends in electricity pricing" organized by COEP, Pune.- 3 days-2004
28	18 Oct 2003		One Day training on Fault analysis and relay coordination organized by IIT Bombay- 1 day-2003

Resource Persons:	Sr. No.	Date	Title of Workshops / Seminars / Conference
	1	11-13 Sept 2013	Latex A Technical Documentation System at AISSMS COE, Pune
	2	20-24 May 2013	FDP on MATLAB Applications in Engineering and Science at GCOE, Karad
	3	24-25 Oct 2016	A workshop on LATEX at SNJB's COE, Chandwad
	4	15 and 25 Dec 2014	Two weeks STP on MATLAB Applications in Engineering and Science at GCOE Awasari
	5	30 Oct 2016	A workshop on LATEX at GGSCOE, Nashik
	6	02-03 Jan 2018	MSBTE sanctioned workshop on "Introduction to Electrical Softwares" at K.K. Wagh Polytechnic Nashik
	7	18 Jan 2018	Workshop on "Matlab Computation, Visualization and Programming" at RIT Sakharale, Sangli
	8	19-20 Jan 2018	Worshop on "Latex for Technical Documentation" for PG students at KKWIEER, Nashik
	9.	17 Feb 2018	State level workshop on Advances in Power System at G.N. Sapkal College of Engineering, Anjaneri Nashik
	10	12-13 March 2018	Workshop on MATLAB and Simpower at S.B. Patil College of Engineering at Indapur

Strengths:	<ul style="list-style-type: none"> • Hard working • High self confidence • Can lead a team • Good hand on software such as MATLAB, PSIM, PSCAD, ETAP etc. • Helping nature
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	<ul style="list-style-type: none"> • Good teacher feed back from students • Work to improve in drawbacks. • Worked as co-guide of four PG projects
Personal Details:	<ul style="list-style-type: none"> • Full Name: Ganesh Nandkumar Jadhav • Date of Birth: 20th Feb 1981 • Married /Unmarried: Married • Cast : Open • Total teaching experience: 13 years • Recent UGC approval: Pune University [CCO/Approval(camp)/202 dated 15/10/2008] • Current Basic: 31110+7000 AGP (According to 6th Pay) • Current Gross salary: Rs 84822/- per month

Date :

Place :

(Jadhav Ganesh Nandkumar)