

Curriculum Vitae

1. Name: Dr. Nitin Ramesh Bhasme

2. Designation: Associate Professor in Electrical Engineering

3. Date of Birth : 30/05/1971

4. Office Address: Department of Electrical Engineering,
Government College of Engineering, Aurangabad
Email : nrbhasme@yahoo.com , Phone No :0240-2366205
Mobile No. 91-9822899328



5. Educational Background:

- Ph. D. in Electrical Engineering from Dr. Babasaheb Ambedkar Marathwada University in August 2013
- Master of Engineering (M. E.) in Power Systems from Government College of Engineering, Aurangabad (M.S.) with 70.06% (First Class with distinction) in March 2003
- Bachelor of Engineering in Electrical Engineering from Government College of Engineering, Aurangabad with 71.46% (First division with distinction) in June 1993

6. Area of Research Interests:

- Applications of Power Electronics, Electrical Drives
- Renewable Energy Systems
- Special Machines

7. Work Experience:

- Working as Associate Professor in Government College of Engineering, Aurangabad since 1st September 1998 (Total: 21 Years & 5 Months)
- Worked as Lecturer in Government Polytechnic from 16th October 1995 to 31st August 1998 (2 Years & 11 Months)
- Worked as Lecturer in Government Engineering College, Karad from 26th November 1993 to 1st February 1995 (1 Year & 2 Months)

Total Experience = 25.5 Years

8. Publications Summary:

International Journals	28
National Journals	01
International conferences	06
National conferences	02
Total	37
Sponsored Project	MODROB project on "Development of Electrical Drives" at GEC Karad, Total cost: 14 Lakhs

Courses/STTP/ FDP attended at State, National Level	34 Weeks
Course/ STTP/FDP organized	ISTE: 2 programs of 1 week each
	TEQIP: 2 programs of 4 weeks for students
	TEQIP:4 programs of 13 days total
	DTE, M. S.: 1 program of 1 week

9. Guidance to the students:

B.E. (UG) Projects	25 Batches
M.E. (PG) Projects	28
Ph. D.	1 student undergoing

10. Administrative responsibilities shared / positions held at GEC, Aurangabad:

Sr. No.	Position	Level	Duration
		(Dept./Institute/ University/ State)	
1	Dean-Industry Institute Interaction & Alumni	Institute	2017-2019
2	Vice-president of Alumni Association	Global	2015-2017
3	Secretary of Alumni Association of GECA	Global	2011-2015
4	Training & Placement Officer	Institute	2011-2015
5	Academic Council, BOS Member	Institute	2011-2015
6	Member of AICTE Inspection Committee	National Level	2015
			2009-2010
			2007-2008

7	Subject Expert in Interview Panel for Recruitment of Teaching post	Regional	2005-2015
8	State level first year admission, second year admission committee member at GECA	State level, Institute level	1998-2015
9	Enquiry committee member appointed by DTE, RO Aurangabad	State level. Regional level	1998-2015
10	Inspection for Industries by National Small Industries Corporation(NSIC)-India, Aurangabad	Regional level	2014
11	Industry Institute Interaction Coordinator	Institute	2011-2013
12	Head of Electrical Engineering G. E. C. Karad	Department	2010-2011
13	Prof-in-Charge of Student Association (EESA) at GECA	Department	1998-2005
14	Gymkhana Vice-president at GECA	Institute	2000-2001

11. Membership of Professional Institutions/Organizations:

- Life Member of The Indian Society for Technical Education (No. LM 40345)
- Life Member of The Institution of Engineer (India) (No. M134484-0)
- Patron Member of Alumni Association of Government College of Engineering, Aurangabad (EE 1199302)

Dr. Nitin Ramesh Bhasme

Name of Faculty: Dr. NITIN RAMESH BHASME

List of Publication:

- 1) Dr. N. R. Bhasme, W. Z. Gandhare, “ Power quality of Wind power generation”, The institute of engineers(India) –Co-GEN 2006, 27th-29th January 2006, Nagpur
- 2) Dr. N. R. Bhasme, W. Z. Gandhare. “ Wind power generation Indian scenario and global perspective”, Indian Wind Eenergy association , New Delhi, 6-8th November , 2006
- 3) Kishore Badane, N. R. Bhasme, ArchanaThosar “Harmonic Analysis of Domestic Inverter and its Mitigation” International Conference on Emerging Trends in engineering, ICETE 2010, February 2010, Jaisingpur, Maharashtra
- 4) S. R. Barahalikar and N.R. Bhasme, “New Approach for Measurement Of Load Losses In Transformer”, *ZEST2K12*, March. 2012
- 5) N. S. Borade and N.R. Bhasme, “Application of Brushless DC Motor as a Portable Power Tool”, *ICEECS*, July. 2012
- 6) N.R.Bhasme and W.Z.Gandhare, “Power Converters For Grid Integration Of Wind Power Systems”, *IJERA*, vol. 2, Aug. 2012
- 7) VeenaWalimbe, N. R. Bhasme ,”VHDL Implementation of PWM Technique for Generation of Switching Pulses” International Journal of Engineering Research and Technology(IJERT), Vol. 2, Issue 7, July 2013 ISSN:2278-0181
- 8) AtulGajare, N. R. Bhasme ,”Control of Air Flow rate of Single Phase Induction Motor for Blower Application using V/F method” International Journal of Engineering Science and Emerging Technologies (IJESET) Vol. 6, Issue 1, August 2013 ISSN:2231-6604
- 9) N.R. Bhasme and S.G.Shah, “Design of Earthing System for 400 kV AC Substation: A Case Study”,*IJEE*,Jan 2014
- 10)N.R.Bhasme and MadhureshSontakke,“Topologies of Power Converters for LED Light Applications”, *IJAET*, vol. 5, March. 2014
- 11)S. G. Shah and N.R. Bhasme, “Design of Earthing System for HV/EHV AC Substation”, *IJAET*, Jan. 2014
- 12) AtulGajare and N.R. Bhasme, “Performance Analysis of Operating Characteristics of Single Phase Induction Motor with Blower Application”, *IJAET*, Jan. 2014
- 13)N. R. Bhasme, MadhureshSontakke “Modeling and Simulation of Resonant Converter for Street Light Application” Journal -International Review of Automatic Control (IREACO). Vol. 7, Issue 5, September 2014 ISSN: 1974-6059

- 14) Veena Walimbe and N.R. Bhasme, "Speed Control of Induction Motor using VHDL Implementation of PWM techniques", *IJEE*, vol. 7, Nov. 2014
- 15) N. R. Bhasme, Pranita Durge "Comparative Study of Electrical Motors for Ceiling Fan Application" *International Journal of Electrical Engineering and Technology (IJEET)*, Vol. 6, Issue 5, May 2015 ISSN: 0976-6545
- 16) N. R. Bhasme, Bhushan Salokhe "Partial Discharge Measurement as a Diagnostic Tool for Current Transformer" *International Journal of Advances in Engineering and Technology (IJAET)*, Vol. 8, Issue 3, May 2015 ISSN: 2231-1963
- 17) N. R. Bhasme, Bhushan Mandval "Technologies of Voltage Source Inverter for Domestic Induction Heating" *International Journal of Scientific and Engineering Research (IJSER)*, Vol. 6, Issue 6, June 2015 ISSN: 2229-5518
- 18) Shashank Bhutada, Dr. N. R. Bhasme, "A Review on Multiphase System for High Power Industrial Applications", *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)*, Vol. 5, Issue 6, June 2016 ISSN: 2278 – 8875
- 19) Rahul Pawar, Dr. N. R. Bhasme, "Application of PLC's for Automation of Processes in Industries", *Int. Journal of Engineering Research and Applications (IJERA)*, Vol. 6, Issue 6, (Part - 3) June 2016, pp.53-59 ISSN: 2248-9622
- 20) Rushikesh S. Shahakar, Dr. N. R. Bhasme, "Non-Adaptive Control Technique for Voltage Regulation with Distributed Energy Resources", *International Journal of Engineering Research and Development (IJERD)*, Volume 12, Issue 7 (July 2016), PP.22-28 ISSN: 2278-067X
- 21) S. H. Kalbande, Dr. N. R. Bhasme, "Modeling and Simulation of 100/22 Kv transmission substation for energy audit", *International journal of electrical engineering*, Volume 9, No.1, pp-35-44, ISSN 0974-2158
- 22) Dipesh B. Pardeshi, Dr. N. R. Bhasme, "Modelling & Simulation of Grid Connected Biomass Power System", *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE)*, Vol. 5, Issue 8, August 2016 ISSN: 2278 – 8875
- 23) Soham Deshpande, Dr. N. R. Bhasme, "A review of topologies of inverters for grid connected PV system", *International conference on innovations in power and advanced computing technologies (i-PACT)* 21 and 22 April 2017, VIT , Vellore
- 24) Sagar R. Misal, Dr. N. R. Bhasme, "A review of multi-switch BLDC motor drives ", *International conference on innovations in power and advanced computing technologies (i-PACT)* 21 and 22 April 2017, VIT , Vellore

- 25) Kanika Chitnavis, Dr. N. R. Bhasme, "Modeling and Simulation for Critical Analysis of Power Transformer for Life Estimation in MATLAB", International Journal of Electrical Engineering & Technology (IJEET), Volume 8, Issue 4, July-Aug 2017, pp. 1–10 ISSN: 0976-6545
- 26) Sagar R. Misal, Dr. N. R. Bhasme, "Modeling and simulation of BLDC motor drives for industrial applications", International journal of electrical and electronics research (IJEER), Volume 7, Issue 4, August, 2017, pp- 83-94, ISSN(E):2278-943X
- 27) Soham G. Deshpande, Dr. N. R. Bhasme, " Modeling and simulation of micro inverter with flyback converter for grid connected system", International journal of electrical and electronics research (IJEER), Volume 7, Issue 4, August, 2017, pp- 71-82, ISSN(E):2278-943X
- 28) Kanika Chitnavis, Dr. N. R. Bhasme," Review of critical analysis for life estimation of power transformer" International conference on power control and embedded systems, ICPCES , 2017, March 9-11,2017,MNIT, Allahabad.
- 29) Dipali Kamthe, Dr.N. R. Bhasme, "Comparative Analysis between Air Insulated and Gas Insulated Substations- A Review", International Journal of Electrical Engineering and Technology, ISSN Print 0976-6545 and ISSN Online 0976-6553. , pp. 24-32 Volume 9, Issue 4, July-August 2018
- 30) DipaliKamthe, Dr.N.R.Bhasme, "Modeling and Simulation of Air Insulated and Gas Insulated Substations", International Journal of Electrical Engineering, ISSN 0974-2158, pp. 177-187, Volume 11, Number 2, 2018.
- 31) Vinayak Mahajan, N. R. Bhasme, "A review of BLDC MOTOR for Elevator Application", in International Journal of Electrical and Electronics Engineering Research (IJEEER) ISSN (P): 2250-155X; ISSN (E): 2278-943X, Vol. 8, Issue 3, Aug 2018, 7-18.
- 32) KaushalKakad, N.R.Bhasme, "A Review on Single Phase to Three Phase Power Converter", International Journal of Electrical and Electronics Engineering Research, (IJEEER) ISSN (ONLINE): 2278-943X; ISSN (PRINT): 2250-155X; VOL – 8, ISSUE- 3; AUG2018.
- 33) Harshavardhan V. Bhavathankar, N.R.Bhasme, "Control of Three-Phase Shunt Active Power Filter (SAPF) by using Instantaneous Reactive Power Theory, " International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering", 2018 ISSN (PRINT): 2320-3765, ISSN(ONLINE): 2278-8875, VOL 7, ISSUE 8, AUG.2018.
- 34) Pooja Puse, Dr. N. R. Bhasme, "A Review of Three Phase Inverters Used in Railway System",International Journal of Electrical and Electronics Research ISSN (online): 2348-6988 Vol. 7, Issue 3, pp: (1-9), Month: July - September 2019.

- 35) Sachin Kale, Dr.N. R. Bhasme, “DC to DC Converters and its Application for Railway System-A Review”, International Journal of Electrical Engineering and Technology, ISSN Print 0976-6545 and ISSN Online 0976-6553. , pp. 13-21, Volume 10, Issue 4, July-August 2019
- 36) Neha Dahate, Dr. N. R. Bhasme, “Review on MPPT techniques used in PV system”, International Journal of Electrical Engineering and Technology, ISSN Print 0976-6545 and ISSN Online 0976-6553. , pp. 22-30, Volume 10, Issue 4, July-August 2019
- 37) Kirti Waghare, Dr. N. R. Bhasme, “Review of Islanding Detection Schemes for Distributed Generation Systems” , International Journal of Engineering Research and Development, e-ISSN:2278-067X, p-ISSN: 2278-800X, pp. 58-64, Volume 15, Issue 2, February 2019

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International Journals	28
National Journals	01
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