Bio-data

Name **:** Vittesh Ramesh Naphade

Address **:** 602,Yogeshwar Heights, Kale Nagar-3,Nashik:422007.

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Qualification:

- **M.E. (Electrical Power System)** from Govt. College of Engineering, Pune. Pune University. Class: First Class (65%) 2000 Batch
- **B.E. (Electrical- Electronics and Power)** from Govt. College of Engineering, Amravati University.Class: First Class (69%) 1997 Batch
- **Ph.D.(Pursuing)** from Government College of Engineering, Chandrapur, Gondwana University.

Experience: **Academic – 21.5 Years and Industry- 06 Months**

- Working as Asst. Professor in EE at GESRHSCoE, from **19 May 2015 to date**
- Working as Asst. Professor in EE at LTCoE, KoparKhairane, from **29th July 09 to 18 May 2015**.
- Worked as a Lecturer in EE at LTCoE, KoparKhairane, from **02nd Aug. 01 to 28th July 09**
- Worked as a Lecturer in EE at Govt. Poly. Ahmednagar, from **02nd Feb 2000 to 31st May 2000**
- Worked as an Engineer at XcelLance Technologies, Bhandup, from **01st Feb 01 to 01st Aug 01**

Subjects Taught: - Power Systems - Electrical Circuits - Basic Electrical Engg. - Electrical Materials - Num. Methods - Comp Programming

Research Papers: *Journals - 05, Conference - 04, Book Chapters - 01*

- Vittesh Naphade, Vilas Ghate, Gajanan Dhole, "Experimental analysis of saturated core fault current limiter performance at different fault inception angles with varying DC bias", *International Journal of Electrical Power & Energy Systems*, Volume 130, 2021, 106943, ISSN 0142-0615, DOI: 10.1016/j.ijepes.2021.106943. *(SCIE Indexed/IF-4.63, SCImago Journal Rank: Q1)*

- Vittesh Naphade, Vilas Ghate, Gajanan Dhole, "Single core configurations of saturated core fault current limiter performance of laboratory test models", *International Journal of Electrical and Computer Engineering (IJECE)*, Vol. 11, No. 6, December 2021, pp. 4667-4677, ISSN: 2088-8708, DOI: 10.11591/ijece.v11i6.pp4667-4677. *(SCOPUS Indexed, SCImago Journal Rank: Q2)*

- V. R. Naphade, Dr. V N Ghate, Dr. G M Dhole, "Saturated Core Fault Current Limiter: A Technology to Handle Short-Circuits in the Modern Power Networks", *Industrial Engineering Journal*, Vol. XIV & Issue No.04, April - 2021, pp. 05-11, ISSN - 0970-2555 *(UGC-Care Listed Journal)*

- V. R. Naphade, K. V. Naphade, Dr. V. N. Ghate, "Saturated Core Fault Current Limiter in Electrical Power Industry: A Topological Survey", *Industrial Engineering Journal*, Ref: AR/NO/59/2021, Publication in process. *(UGC-Care Listed Journal)*

- Kushal Dhawad, R.D. Patane, Vittesh Naphade, "Efficient Speed Control of 3-ph Induction Motor with Two Stage IPFC Using 1-ph Supply", *International Journal of Emerging Science and Engineering (IJESE)* ISSN: 2319–6378, Volume-2, Issue-4 February 2014.

- Vittesh Naphade, Kiran Kolte and Vilas Ghate, "The Saturated Core Fault Current Limiter in Modern Power Systems - A Laboratory Model Test Results", *International Conference On Smart Technologies For Energy, Environment & Sustainable Development*-2020(4-5 DECEMBER 2020). *(Springer's Conference-Best Paper Award)*

- V. Naphade, V. Ghate, A. Koshti and G. Dhole, "Performance Investigation and Reactance Statistics with Monte Carlo Simulation of Saturated Core Fault Current Limiter," *2020 IEEE First International Conference on Smart Technologies for Power, Energy and Control (STPEC), 2020*, pp. 1-6, DOI: 10.1109/STPEC49749.2020.9297662.

- V. Naphade, V. Ghate and G. Dhole, "Experimental Study of Single Core Configurations of Saturated Iron Core Fault Current Limiter," *2021 IEEE International Conference on Sustainable Energy and Future Electric Transportation (SEFET), 2021*, pp. 1-5, DOI: 10.1109/SeFet48154.2021.9375726.

- V.Naphade, Dr. V. Ghate , K. Naphade, "Fault Current Limiter (FCL) - An Upcoming Component in Electrical Power Sector", *National conference on Industrial Engineering and Technology Management NCIETM-2018)*, NITIE, Mumbai

- ***Book Chapter, Springer's Proceedings in Energy,*** Naphade, V., Naphade, K., Ghate, V. (2022). The Saturated Core Fault Current Limiter in Modern Power Systems—A Laboratory Model Test

Results. In: Kolhe, M.L., Jaju, S.B., Diagavane, P.M. (eds) Smart Technologies for Energy, Environment and Sustainable Development, Vol 1. Springer Proceedings in Energy. Springer, Singapore. https://doi.org/10.1007/978-981-16-6875-3_34.

Career Advancement Courses

Program Category	Title of the Program	Venue	Dates
Workshop (01 -Wk)	Hands on Training on ANSYS Software and Its Application in Electrical Engineering	K. K. Wagh Institute Of Engineering Education And Research, Nashik	23-27 April, 2018
Workshop (02 - Day)	Renewable Energy Systems : Design and Challanges	Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research, Nashik	09-10 August, 2019
Workshop (03-Day)	Three Day Workshop on Core Manufacturing	Ankit Core & Stamping, Nashik	03-05 November, 2020
Training (01 -Wk)	IEEE_Bombay-Power System Optimization using GAMS	Dept. of Electrical Engineering, Rajarambapu Institute of Technology, Rajaramnagar, Islampur	11-16 May, 2020
Training (01 -Wk)	AICTE sponsored training on Software Utility for Teaching and Research in Electrical Engineering	Shri Sant Gajanan Maharaj College Of Engineering, Shegaon	27 Oct- 01 Nov, 2020
Training (01 -Wk)	NITTTRK_STTP-Renewable Energy Sources and Emerging Technologies	National Institute of Technical Teachers' Training and Research, Kolkata	26-30 May, 2020
Training / FDP (02-wk)	Program on Research Opportunities in Electrical Engineering under Technical Education Quality Improvement Program (TEQIP-III)	Department of Electrical Engineering, Govt. College of Engg. Karad Satara, Maharshtra	07-16 May, 2020
Training/FDP (01 -wk)	Optimization Techniques with Application to Electrical Engineering	Sinhagad Institute of Technolgy, Lonavala	15-19 June, 2020
Seminar (02 -Day)	Energy Storage Systems: Design and Challanges	Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research	24-25 January, 2020
Training (12 Wk)	NPTEL Cert. Course (12-Wks) - Fundamentals of Electrical Engineering	NPTEL, Elite, Silver Medal(83 % - Overall Score)	July - Oct. 2019

Major Strengths:

- High Social Listening
- Ability to work in a Team

Vittesh Ramesh Naphade