**FACULTY PROFILE**

**Dr. Vittesh Ramesh Naphade**

**Assistant Professor**

**Department of Electrical Engineering**

|  |  |
| --- | --- |
| 602 Yogeshwar Heights,  Kale Nagar -3, Off. Rt. Canal Rd., Nashik - 07  Mob: 9987537185 / 8668671337  Email ID: [vittesh.naphade@ges-coengg.org](mailto:vittesh.naphade@ges-coengg.org) | C:\Users\vrnaphade\Desktop\vrn-pic.jpg |

**QUALIFICATION**

* PhD (Electrical Engineering, Gondwana University, Gadchiroli)
* ME (EPS, COEP - Pune)
* BE (Electrical Engineering, GCOE, Amravati)

**TEACHING EXPERIENCE**

23 Years

**INDUSTRY EXPERIENCE**

0.5 Year, Xcellance Medical Technologies, Mumbai

**RESEARCH PUBLICATIONS**

1. 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)2nd paper
2. 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)
3. Vittesh Naphade, Kiran Naphade, Vilas Ghate, "The Saturated Core Fault Current Limiter in Modern Power Systems - A Laboratory Model Test Results", Smart Technologies for Energy, Environment and Sustainable Development (Springer Proceedings in Energy), Vol. 1, Jan 2022, pp 423–431, DOI: 10.1007/978-981-16-6875-3\_34, <http://link.springer.com/chapter/10.1007/978-981-16-6875-3_34>
4. 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)
5. 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, Vol. XV & Issue No.05 May - 2022. (UGC-Care Listed Journal)
6. 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
7. 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)***
8. 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
9. 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
10. 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

**ADMINISTRATIVE WORK**

|  |  |  |
| --- | --- | --- |
| Sr. No. | Post | Description |
| 1. | NBA Department Coordinator | Coordinating NBA work at Electrical Engineering |
| 2. | Member Secretary - Electrical Engineering | Coordinating HoD Office Work |
| 3. | Student Enrollments(Admissions) | Efforts for enhancing institute level enrollments (Admissions) |

**UNIVERSITY RESPONSIBILTITES**

|  |  |  |
| --- | --- | --- |
| Sr. No. | Post | Duties |
| 1. | Member | Nil |
| 2. | Subject Expert | BEE, NA |
| 3. | Member | Nil |
| 4. | Subject Chairman, | Nil |
| 5. | Examiners  (External and Internal) | BEE, NA, MS |
| 6. | Senior Supervisor (External and Internal) | Both Internal & External |

**FDP/WORKSHOP/WEBINAR/SEMINAR ATTENDED**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |

**ACHIEVEMENTS**

1. Excellent Reviews at Int. Journal (SCIE/Q1 Ranked/Electrical Power & Energy Systems) Research Paper
2. Best Paper Award at Springer's Conference
3. Third Topper at Ph.D. Course Work
4. Elite, Silver Medal(83 %) for 12 Weeks NPTEL Course on Fundamentals of Electrical Engineering

Dr. Vittesh Ramesh Naphade