

Name **MR. Milindkumar Narayan Tagare**
BE(Electrical), ME (Power Systems)

Designation Associate Professor

Department Electrical.

Date of Joining the Institute 17/08/1998

Education BE Electrical, WCE, Sangli 1994
ME(Power Systems), WCE, Sangli, 1996

Branch / Specialization Power Systems

Areas of Interest Design of Electrical Systems, Machine Design, Power systems, Electrical Machines.

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Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 17/08/1998 to 30/06/2006	Lecturer
Finolex Academy of Management and Technology, Ratnagiri	From 01/07/2006 to 30/06/2009	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	From 01/07/2009 to till date	Associate Professor

Total Experience – 20 Years

Awards / Honors / Prizes

1. Recognized PG teacher at University of Mumbai.
2. Honored by Superintending Engineer, Energy Department, Govt. of Maharashtra for excellent work during Electrical Safety Week many times.
3. **NPTEL exam** on Electrical Machines- **TOP 5% 2019**

Students projects Guided at Undergraduate Level

- Automatic/ Manual synchronizing panels of alternators
- Lab model of transmission line
- Lab model of combined Overcurrent and Earth fault relay
- 4 Quadrant Chopper
- Automatic PLC based powder Coating Machine
- Various power Electronics based motor controllers.

Seminars/Lecture/Invited Talks Conducted

1. Delivered lecture and practical on '**Energy Audit**' held on **16.02.23** at **MP College of Engineering, Velneswar.**
2. Worked as a resource person for **Diploma in Industrial safety and Management of University of Mumbai** from **01.01.23** to **31.01.23**
3. Delivered a Guest Lecture on '**Career Guidance**' held on **24.01.2020** at **Y B Polytechnic, Sawantwadi.**
4. Delivered a talk on '**Energy Conservation & audit and Career opportunities in Higher Education**' held on **21.01.2020** at **Government Polytechnic, Malwan.**
5. Delivered a Guest Lecture on '**Career Guidance**' held on **29.02.2020** at **Government Polytechnic, Pen.**
6. Delivered a Guest Lecture on '**Energy Audit**' held on **28.02.2020** at **Smt. Geeta D. Tatkare Polytechnic, Gove-Kolad.**
7. Delivered a Guest Lecture on "**Energy Audit**" held on **29/09/2018** at **Smt. Geeta D. Tatkare Polytechnic, Gove-Kolad.**
8. Delivered a Guest Lecture on "**Energy Audit in Motors**" held on **14/02/2018** at **Smt. Geeta D. Tatkare Polytechnic, Gove-Kolad.**
9. Delivered a seminar on "**Curriculum Development**" held on **14/02/2018** at **SSOS Parmar College of Diploma Engineering, Nagothane.**
10. Worked as a resource Person for "**Orientation Program of Electrical Machines II**" held on **09/02/2018** at **Vishwaniketan's Institute of Management Entrepreneurship & Engineering Technology, Khalapur**
11. Delivered a Guest Lecture on "**Opportunities in Higher Studies**" held on **01/02/2018** at **Yashwantrao Bhosale Polytechnic, Sawantwadi.**
12. Conducted a workshop on "**Energy Audit**" held on **07/04/2016** at **VPMMP College of Engineering, Velneswar.**
13. Delivered a Seminar on "**Electrical Machine Design**" held on **24/09/2015** at **VPMMP College of Engineering, Velneswar.**

Papers Published

Papers Presented/Published in National / International Journals - 05

International Journals – 05

- ✓ Paper titled **"Experimental study on helical coil heat exchanger"** published in International Journal of Scientific and Research Publications ISSN: 2250-3153
- ✓ Paper titled **"PLC based automatic railway gate controller and obstacle detector"** published in International Journal of Latest Trends in Engineering and Technology. e-ISSN: 2278-621X
- ✓ Paper titled **"Design of solar battery charger with voltage controlled buck converter"** published in Asian Journal of Convergence in Technology. ISSN NO. 2350 – 1146
- ✓ Paper titled **"Observation of Bifurcations in current controlled boost converter"** published in Asian Journal of Convergence in Technology. ISSN NO. 2350 – 1146
- ✓ Paper titled **"Study on mitigating inrush current of transformer using pilot on wave switching and prefluxing technique"** published in Asian Journal of Convergence in Technology. ISSN NO. 2350 – 1146

Papers Presented/Published in National/ International Conferences - 02

National Conferences – 02

1. Presented a paper titled **"Optimal Capacitor Placement nonlinear Radial Distribution system using partial swarm optimization for reliability enhancement"** at 2nd National Conference on Recent Advances in Science and Technology (RAST) organized by Finolex Academy of Management and Technology, Ratnagiri on 17th and 18th February 2016.
2. Presented a paper titled **"Power Quality"** at National Conference on Advanced Power System – 2012 (NCAPS-2012) organized by Department of Electrical Engineering, K.K.Wagh Institute of Engineering Education and Research, Nasik during 20th -22nd December 2012.

Number of Workshops, Seminars, STTPs, FDPs Attended – 30

STTPs and FDPs

1. Completed and **co-convener of online FDP on Challenges in Evolving Power System from 22nd to 27th November 2021.**
2. Completed online **FDP of ATAL Academy on "Sensors Applications through Internet of Things" from 20th September to 24th September 21.**
3. Completed **AICTE sponsored FDP on Design and development of Automated System using PLC from 14th May to 19th May 21.**
4. Completed **AICTE sponsored two-week FDP on Electric Vehicle with smart grid integration from 19th April to 30th April 21.**
5. Completed online **FDP on 'Renewable Energy and Power Electronics from 15th to 21st April 21.**

6. Completed **STTP on Energy Efficient Practices in Refrigeration and Air Conditioning 2nd December to 12th December 20.**
7. Completed **STTP on "IoT & Advanced Power Electronics Applications in Smart Grid" from 10th August to 14th August 20.**
8. Completed **FDP on Paradigm shift in higher education institute: opportunities and challenges from 25th June to 29th June 20**
9. Completed **FDP on Promoting quality culture in technical Institute from 1st June to 12th June 20**
10. Completed **FDP on Advanced Teaching tools, techniques and methodologies for OBE from 1st June to 5th June 20**
11. Completed **STTP on Renewable energy and utilization 26th to 30th May 20.**
12. Completed **FDP on Recent trends in Electrical Engineering from 18th May to 22nd May 20.**
13. Completed **FDP on Electrical Vehicle from 11th May to 16th May 20.**
14. Completed **STTP on Embedded system and IOT from 27th Jan to 31st Jan 20.**
15. Conducted a **Two Week ISTE STTP on Electric Power system** organized by IIT Kharagpur from 12/06/2017 to 15/07/2017.
16. Completed **One Week ISTE STTP Co-coordinators' on Electric Power system** organized by IIT Kharagpur from 01/05/2017 to 05/05/2017.
17. Completed a **One week STTP on FACTS Devices and Distributed Generation through ICT** organized by Finolex Academy of Management and Technology, Ratnagiri during 06/02/2017 to 12/02/2017.
18. Completed a **FDP on Self Dependence and Advantages of Technology & Digital Marketing** at Finolex Academy of Management and Technology, Ratnagiri on 23/09/2016.
19. Completed a **One Week ISTE STTP on "Assessment and accreditation with NAAC for quality improvement of the institute"** at Saraswati College of Engineering, Kharghar during 06/07/2015 to 10/07/2015.
20. Worked as Teaching Assistant for a **Two week ISTE STTP on "Signals and Systems"** organized by IIT, Khargpur during 02/01/2014 to 12/01/2014.
21. Worked as a Coordinator for **One-day orientation cum workshop for "Inter collegiate research convention Avishkar 2014-15"** organized by Finolex Academy of Management and Technology, Ratnagiri on 12/08/2014.
22. Worked as Teaching Assistant for a **Two week ISTE STTP on "Analog Electronics"** organized by IIT, Khargpur during 04/06/2013 to 14/06/2013.
23. Completed a **Two-day workshop on "Energy Auditing"** organized by Department of Electrical Engineering at FAMT, Ratnagiri during 24/03/2012 to 25/03/2012.
24. Completed a **Training program on "Rural Distribution Franchisee"** organized by MSEDC, Ratnagiri during 08/02/2011 to 10/02/2011.
25. Completed a **Two-day workshop on "Simulation of Electronic circuits and Power Electronics Systems using SEQUEL"** organized by Department of EXTC, Electronics, Electrical Engineering at FAMT, Ratnagiri during 31/10/2009 to 01/11/2009.
26. Completed a **One week ACCTE-ISTE on "Power Quality and Drives"** organized by Gayatri Vidya Pratishthan College of Engineering, Vishakhapatnam during 16/06/2008 to 20/06/2008.

27. Completed a **One week AICTE STTP on "MATLAB, ETAP and Their Applications"** organized by Fr. C. Rodrigues Institute of Technology, Vashi during 07/01/2008 to 11/01/2008.
28. Completed a **One Week AICTE-ISTE STTP on "Power Quality"** organized by Shri Sant Gajanan Maharaj COE, Shegaon during 11/12/2006 to 15/12/2006.
29. Completed a **Training Program on "PLC and SCADA"** organized by M/s Prolific Systems and Technologies Pvt Ltd at FAMT, Ratnagiri during 12/01/2006 to 15/01/2006.
30. Completed a **Two Week AICTE-ISTE STTP on "Computer Applications in Power Systems"** organized by Government College of Engineering, Karad during 15/12/2003 to 28/12/2003.

Conferences and Seminars

31. Attended a **Seminar** conducted by Tata Power Skill Development Institute (TPSDI), Trombay on 26/09/2018.
32. Attended 2nd **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17th to 18th February 2016

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

Exam Duties

1. Worked as a **Chief Conductor** for University Examinations
2. Worked as a **Joint Chief Conductor** for University Examination at RMCET, Ambav.
3. Carried out exam related duties such as **Moderator, Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.
4. **Paper setter** for 11 different subjects per semester for last 24 years.
5. Worked as **External Examiner** University exams in other universities.

Other Experience

Judge Panel / BOS / Syllabus Revision

1. Worked as a **Member of Board of Studies** in Electrical Engineering.
2. Worked as a **Member of Local Inquiry Committee (LIC) University of Mumbai** in 2009 and 2017 to 4 Engineering Colleges.
3. Worked as a **Program Coordinator** for One Week Training the Trainer(TTT) program Jointly organized by DTE, Government of Maharashtra and NASSCOM, hosted by FAMT, Ratnagiri during 04/05/2016 to 07/05/2016.
4. Worked as a **Member and Domain Head for syllabus revision committee** for last 15 Years.
5. Worked as a **Judge** for MSBTE Technical Paper Presentation competition organized at Yashwantrao Bhosale Polytechnic, Sawantwadi on 13/09/17
6. **Resource Person** for **BEE FE Sem I revised syllabus** orientation program on 4/10/2016.
7. Worked as a **Judge** for National Level Paper Presentation Competition at SSPM College of Engineering, Kankavali during 12/03/2014 to 14/03/2014.

College Level Committees

1. Working as a **Faculty In-charge Alumni.**
2. Working as **In-charge Electrical Maintenance** for FAMT
3. Worked as a **Head, Electrical Engineering form 2006 to 2016.**
4. Worked as **Dean, Students affairs 2016-2017.**
5. Worked as a **Head, Criteria V NAAC** of Finolex Academy of Management and Technology, Ratnagiri.
6. Worked as a **Member** of Career Counselling Committee
7. Working as a **Member** of Anti Ragging Committee
8. Working as a Mentor for Incubation Center Committee.
9. Worked as Faculty Advisor for Brainwaves.
10. Worked as **departmental Convener** in 2nd National Conference on **"Recent Advances in Science and Technology"**
11. Worked as a **Member of Local Management Committee(LMC).**
12. Worked as a **Member of Unfair Means Committee.**

Constancy work

1. **Received Rs. 79914** from M/s Ratnagiri Municipal Corporation in 2015-16
2. **Received Rs. 18000** from M/s Guhagar Nagar Panchayat in 2017-18

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Basic Electrical Engineering	FE Sem I	24Years
2.	Electrical Machine Design	BE Sem VII	10Years
3.	Design, Management and Auditing of Electrical Systems	BE Sem VIII	12Years
4.	Electrical Machines I, II, III	SE and TE	8Years
5.	Power Systems	SE Sem IV	10Years
6.	Power System Operation And Control	BE Sem VII	6Years
7.	Electrical Drives	BE Sem VIII	02Years
8.	Energy Audit and Management	BE SEM VII	05

Social Activities

1. Organize and Participate in **Electrical Safety** Seminars in schools and colleges in and around Ratnagiri.
2. Organize and Participate in **Digital India Campaign** in town and villages.

3. Organize and participate in cleanup programs at beaches, forts.
4. Organize and Participate in Blood donation at college.

I hereby declare that all the information furnished above is correct to the best of my knowledge and belief.

Date: -

Place: -

Sign