

**Name** MR. NITIN V. KELKAR  
M.E. ELECTRICAL (POWER SYSTEM)

**Designation** Assistant Professor

**Department** Electrical

**Date of Joining the Institute** 12/08/2006

**Education** B.E. Electrical (2002)  
M.E. Electrical (2012)

**Branch / Specialization** Power Systems

**Areas of Interest** Electrical Machines, Power System, Protection & Switchgear Engineering

**Email** nitin.kelkar@famt.ac.in

**Personal Homepage link**



#### Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 12/08/2006 till date	Assistant Professor
Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	From 01/08/2005 to 09/06/2006	Lecturer
Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad	From 02/08/2004 to 13/05/2005	Lecturer
M/s Vinyl Chemicals (I) Limited A-21, M.I.D.C. Mahad, Raigad	From 01/02/2003 to 31/01/2004	Apprentice
Total Experience – 15 Years		

## Students projects Guided at Graduate Level

1. Line Following Robot.
2. Design and Fabrication of Soft Starter for Three Phase Induction Motor.

## Seminars/Lecture/Invited Talks Conducted

1. **Delivered Lecture on Controlling Techniques for Permanent Magnet Synchronous Motors at DRDO, Pune.**

## Papers Published

### Papers Presented/Published in National / International Journals - 02

#### International Journals – 01

1. Vaibhav A. Sansare, Milind N. Tagare, Jayant J. Mane and Nitin V. Kelkar, "**Design of Solar Battery Charger with voltage controlled Buck Converter**", Conference proc. Recent Advances in Science and Technology (RAST 2k16), FAMT Ratnagiri, pages 116-121. Feb. 2016
2. Paper titled "**Direct Torque Control of Permanent Magnet Synchronous Motor**" published in International Journal of Scientific and Engineering Research (ISSN : 2219 - 5518).

### Papers Presented/Published in National/ International Conferences - 01

#### National Conferences – 01

1. Vaibhav A. Sansare, Milind N. Tagare, Jayant J. Mane and Nitin V. Kelkar, "**Design of Solar Battery Charger with voltage controlled Buck Converter**", Conference proc. Recent Advances in Science and Technology (RAST 2k16), FAMT Ratnagiri, pages 116-121. Feb. 2016

### Number of Workshops, Seminars, STTPs, FDPs Attended – 14

#### STTPs and FDPs

2. Two week STTP on Electric Power System by IIT, Khragpur under NMEICT from 12/06/2017 to 15/07/2017.
3. Participated in Short Term Course by NITTR, Chandigarh on FACTS devices and Distributed Generation through ICT from 06/02/2017 to 10/02/2017 at FAMT.
4. Participated in 5 days workshop in Mission 10X workshop at SSPM's College of Engineering, Kankvali from 25/05/2009 to 29/05/2009.
5. Training course on PLC and SCADA at Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad from 03/04/2006 to 08/04/2006.

### Conferences and Seminars

6. Attended 2<sup>nd</sup> **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17<sup>th</sup> to 18<sup>th</sup> February 2016.
7. Participated in National Seminar by IEEE Pune Section on Earthing Systems at PVG's College of Engineering and Technology, Pune on 19/02/2011.
8. Participated in Quality Education in Engineering and Technical Institutes on 24/01/2009 at FAMT.

### Two Week or One Week Workshops

9. Completed 12 week course in Power System Analysis conducted by IIT, Khragpur during July-August 2017.
10. **Two week** STTP on **Electric Power System** by IIT, Khragpur under NMEICT from 12/06/2017 to 15/07/2017.
11. Participated in **Five days** workshop in **Mission 10X** at SSPM's College of Engineering, Kankvali from 25/05/2009 to 29/05/2009.

### Workshops

12. Participated in two days National Workshop on Project Based Learning (PBL): Curriculum Design and Implementation for Indian Universities at Vishaniketan's Institute of Management Entrepreneurship and Engineering Technology, Khalapur, Navi Mumbai from 10/01/2015 to 11/01/2015.
13. Participated in 2 days workshop on Signals and Systems by IIT, Khragpur from 02/01/2014 to 12/01/2014 under NMEICT.
14. Participated in 2 days workshop on Aakash for Education by IIT, Bombay from 10/11/2012 to 11/11/2012.
15. Participated in 2 days workshop on Simulation of Electronic Circuits and Power Electronics Systems using SEQUEL from 31/10/2009 to 01/11/2009.

## Professional Membership

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

## College Exam Duties

1. Worked as departmental organizing committee member for RAST-2k16.
2. Worked as a **Senior Supervisor of Engineering 2012 Winter Exam.**

**Optional – Please check following profiles of reputed colleges who have displayed college exam duties or university related duties on college website**

1. [Dr. Arindam Basu, Associate Professor, IIT Kharagpur](#)
2. [Dr. A. K. Thakur, Professor, IIT Patana](#)
3. [Dr. Varsha Turkar, Associate Professor, VIT](#)
4. [Dr. Ganesan Mani, Professor, IIT Kharagpur](#)
5. [Prof. Nilaj Deshmukh, Phd Scholar, IITB](#)

## Other Experience

### College Level Committees

1. Working as a **Core Member** for **Research Development and Consultancy Committee** of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as a **Member** of Process of Extension of Approval by AICTE Committee for Finolex Academy of Management and Technology, Ratnagiri.
3. Working as a **Member** of Institute Magazine Committee for Finolex Academy of Management and Technology, Ratnagiri.
4. Working as a **Core Member** for **Result Analysis Committee** as well as **Departmental Coordinator** of Finolex Academy of Management and Technology, Ratnagiri.
5. Worked as departmental organizing **committee member** in 2nd National Conference on **“Recent Advances in Science and Technology”**
6. Working as a department coordinator for **NAAC Criteria 2 committee.**
7. Working as a **Core Member** for **Discipline Monitoring Committee** of Finolex Academy of Management and Technology, Ratnagiri.

## Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Power System Analysis	T.E. ELCTRICAL (Sem -VI)	2 Years
2.	Electrical Machines II	T.E. ELCTRICAL (Sem -V)	11 Years
3.	Electrical Machines III	T.E. ELCTRICAL (Sem -VI)	10 Years
4.	Protection and Switchgear Engineering	T.E. ELCTRICAL (Sem -V)	2 Years
5.	Electrical Networks	S.E. ELCTRICAL (Sem -IV)	2 Years
6.	Power System Optimisation and Control	T.E. ELCTRICAL (Sem -VII)	1 Year