

Name **Mr. Prasad J. Kadam**
M.Tech (C.O.E.P)

Designation Assistant Professor

Department Electrical Engineering

Date of Joining the Institute 24/08/2005

Education M-tech, Electrical Power system, 2010
College of Engineering Pune
B.E. (Electrical) - 2004

Branch / Specialization Electrical Power System

Areas of Interest Electric vehicle, Electrical Power System, Active Power Filters, Power Converter design, Embedded System Design, PLC and SCADA

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Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	23/01/23 to till date	Assistant Professor
MIT Art, Design and Technology University, Rajbaug, Pune	2/05/2022 to 13/01/2023	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	16/08/2011 to 29/09/2017	Assistant Professor
Trinity College of Engineering and Research	31/08/2010 to 13/08/2011	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	12/12/2007 to 2/7/2008	Lecturer

**Finolex Academy of
Management and
Technology, Ratnagiri**

24/08/2005 to 31/05/2007

Lecturer

**Nanu Engineers PVT.
LTD.**

27/06/2005 to 23/08/2005

Jr. Engineer

**Dr.Babasaheb Ambedkar
Technological University,
Lonere**

06/09/2004 to 07/05/2005

Lecturer

Total Experience – 14 Years and 3 months

Awards / Honors / Prizes

1. **Received Top Performers award from IIT Bombay for being amongst the top performer in FDP on 'Use of ICT in Education for online and blended learning' (Top 383 out of 4051 Participants)**
2. **Published three Papers in National Conference.**
3. **Won 1st prize in literature in intra college level competition.**
4. **Qualified GATE 2007 :- AIR :- 913 (GATE SCORE : 412)**
5. **Qualified GATE 2015 :- AIR :- 2947 (GATE SCORE : 546)**
6. **Qualified GATE 2022 :- AIR:- 5618 (GATE SCORE : 442)**

Certification Course / Refresher Courses completed – 6

1. **Currently pursuing Nanodegree in Electric Vehicle Technology from DIYguru certified by Automotive Skill Development Council.**
2. **Completed four week Faculty Development Programme on Use of ICT in Education for Online and Blended Learning conducted by IIT Bombay.**
3. **Completed Certified PLC Programmer Certification from PROLIFIC, Pune.**
4. **Completed Embedded System Design Certification from C.O.E.Pune.**
5. **Completed IBM Mainframe Training Certification from Maintec, Pune.**
6. **Completed 12 week course on " Design of Photovoltaic Systems " from Indian Institute of Science Bangalore.**

Papers Published

Papers Presented/Published in National/ International Conferences – 03

National Conferences – 03

- 1 : P. kadam, L. Fernandes, and M. Modak, " *Estimation and Implementation of Compensation Current Reference for a Single-Phase Hybrid Active Power Filter using AVR microcontroller*, " in 2nd National Conference on ‘ Recent Advances in Science and Technology (RAST-2k16)’
- 2 : L. Fernandes, M. Modak, and P. Kadam, "*Design and Implementation of Inverter for BLDC Motor Controller* , " in 2nd National Conference on ‘ Recent Advances in Science and Technology (RAST-2k16)’
- 3 : M. Modak, P. Kadam, and L. Fernandes, " *Incorporation of Uncertainties in Power Flow Solution of Distribution Systems in Presence of Distributed Generation using Interval Arithmetic*, " in 2nd National Conference on ‘ Recent Advances in Science and Technology (RAST-2k16)

Number of Workshops, Seminars, STTPs, FDPs Attended – 11

STTP / FDPs

1. **Completed four week Faculty Development Programme on Use of ICT in Education for Online and Blended Learning conducted by IIT Bombay.**
2. **Two week** AICTE sponsored Faculty Development Program on “ **Select Topics in Signal Processing and Machine Intelligence with Hands-on**” organized by Department of Electronics and Telecommunication Engineering, College of Engineering, Pune.
3. **One Week** AICTE sponsored FDP on “ **High Voltage and Partial Discharge**” organized by Department of Electrical Engineering, V.J.T.I, Mumbai.
4. Two Day Training Program on “**PLC and SCADA**” Organized by Department of Electrical Engineering, **PVG’s COET,Pune and Analogic Automation, Pune.**
5. One day International Tutorial On “**GAS INSULATED TECHNOLOGY**” jointly organized by **IEEE INDUSTRY APPLICATIONS SOCIETY** and **IEEE POWER and ENERGY SOCIETY** held at **PUNE**

Workshops

6. Two Week **ISTE workshop** on “ **Analog Electronics**” Conducted by **IIT Kharagpur** under the National Mission on Education through ICT.
7. Two day **ISTE workshop** on “**Aakash for Education**” Conducted by **IIT Bombay** under the National Mission on Education through ICT

8. Two days workshop on "**AVR Microcontrollers**" Organized by Department of Electrical Engineering, **C.O.E. PUNE**.
9. Two Day workshop on "**LOW POWER EMBEDDED SYSTEM DESIGN** using **MSP430**" jointly Organized by Department of Electrical Engineering, **C.O.E.PUNE and Texas Instruments India**.
10. Two Day Workshop on "**Energy Auditing**" Organized by Department of Electrical Engineering, **Finolex Academy of Management and Technology**.
11. Two Day Workshop on "**Repair and Maintenance of Electrical Home Appliances**" Organized by Department of Electrical Engineering , **Finolex Academy of Management and Technology, Ratnagiri**

Students projects Guided at Under-graduate Level

1. **PLC based Fire Protection in Mall**
2. **Speed control of Induction motor by interfacing VFD and PLC**
3. **Airport baggage handling and sorting system using PLC**
4. **PLC based automatic Drawbridge**
5. **PLC based Automatic Railway gate controller and Obstacle detector**
6. **Flapper type vertical Axis wind turbine**
7. **PLC based Automatic bottle filling plant**
8. **Demonstration panel for various applications of PLC**
9. **Speed control of Single phase Induction motor using Cycloconverter.**
10. **Grid interconnection of Renewable energy sources at the Distribution level with power quality improvement features.**
11. **Protection and control of single phase Induction motor.**
12. **Fault Detection and Protection using PLC**
13. **Variable Frequency Drive**
14. **High Temperature Muffle Furnace**

1. Conducted Four Days Workshop on “ **Basics of PLC** ” as a Resource Person involving Implementation of different process controls using **ALLEN BRADLEY Micrologix** 1400 1766 series B PLC at **Finolex Academy of Management and Technology** .
(Four Times)
2. Conducted two days workshop on “ **PLC and SCADA**” as a resource person at **A.I.S.S.M.S. College of Engineering ,Pune.**

Professional Membership

1. Society of Automotive Engineers , India. (S.A.E India)

Exam Duties

1. Was appointed as an **Assistant CAP (Central Assessment Process) Co-ordinator** by Mumbai University for June 2013 examination.
2. Appointed as a **Subject In-charge** for Designing the syllabus of few subjects by Mumbai University.
3. Carried out exam related duties such as **Paper Setter, Moderator, Examiner and External Examiner** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.

Other Experience

University/College Level Committees

1. Worked as a member of **NAAC Documentation committee** for **Criterion-V** at University level in **MIT-ADT University, Pune**
2. Worked as a **team leader** for **Outreach Promotional Activity** of **MIT ADT university**
3. Worked as a **Member** of **E-magazine Committee** in **Finolex Academy of Management and Technology.**
4. Worked as departmental organizing **committee member** in 2nd National Conference on “**Recent Advances in Science and Technology**”
5. Worked as a member of **Academic and Career Counseling Committee** (Chiplun division) in **Finolex Academy** of Management and Technology, Ratnagiri. (2015-2017)
6. Worked as a **Departmental Website Co-ordinator** in **Finolex Academy of Management and Technology** (July 2015 to Sept. 2017)
7. Worked as an **Assistant Training & Placement officer** in **Finolex Academy** since **December 2011 to May 2015**

8. Worked as a member of **NAAC Documentation committee** for **Criterion-I** in **Finolex Academy**
9. Worked as **faculty In-charge** of **Electrical Engineering Students Association**.(2014-2015)
10. Worked as Faculty coordinator for " **Rajyageet Gayan Program** "
11. Working as a member of **Cultural Committee** in **Finolex Academy of Management and Technology**.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Basic Electrical & Electronics Engineering	SEM-I	11
2.	Power System Planning and Reliability	SEM-VIII	4
3.	High Voltage Engineering	SEM-VII	5
4.	Project Management	SEM-VI	3
5.	Electrical Power Systems – I	SEM-V	4
6.	Electrical Power Systems – II	SEM-VI	3
7.	Electronic Instruments & Instrumentation	SEM-IV	3
8.	Microprocessors Fundamentals & Applications	SEM-V	2
9.	Electrical Machines – I	SEM-IV	2
10.	Electrical Machines – I	SEM-V	1
11.	Numerical Methods with C & MATLAB	SEM-III	2
12.	Switchgear and Protection	SEM -VI	1
13.	Industrial Automation	SEM- VI	1