

**Name****MR. MANGESH SHRIPAD MODAK**  
**BE, M-tech**

Designation

Assistant Professor

Education

BE in Electrical, 2003

M-tech in Power Systems, 2015

Branch /  
Specialization

Power Systems

Areas of Interest

Power Systems, soft computing, Electric  
vehicles

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Mobile no

9405352356

Date of Joining  
theInstitute**21/04/2007****Academic Appointments**

Name of the University / Institute/ Industry	Duration	Designation
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>21/04/07 to till date</b>	<b>Assistant Professor</b>
<b>Total Experience – 16 Years</b>		

**Patent Filled and Published**

NA

**Books Written**

NA

**Research Project**

NA

**Papers Reviewed - 00****Students projects Recently Guided at Undergraduate Level**

1. Development of GUI for load flow studies

2. Power system state estimation using arduino
3. Fuzzy logic controlled AVR
4. Fuzzy logic controlled speed control of DC motor

#### **Seminars Delivered/Expert Lecture/Invited Talks/Workshops Conducted**

NA

#### **Papers Published**

#### **Papers Presented/Published in National / International Journals - 05**

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

#### **International Conferences – National Conferences –**

#### **Number of Workshops, Seminars, STTPs, FDPs, Courses, tutorials Attended –06**

1. Completed 12 week certified NPTEL course on "Design of photo voltaic systems" conducted by Prof. L. Umanand IISC Bangalore, during Aug-October 2017
2. Completed 4 week certified NPTEL course on "Electric vehicle part 1" conducted by Prof. Ashok kumar jain, during Jan-Feb 2023
3. Completed 12 week certified NPTEL course on "Electric Machines", during Jul-Oct 2019
4. Completed 12 week certified NPTEL course on "Principles of Signals and Systems", during Jan-Apr 2019
5. Completed 4 week certified NPTEL course on "Foundations of Wavelets and Multirate Digital Signal Processing", during Jan-Feb 2017
6. Completed 12 week certified NPTEL course on "Industrial Automation and Control", during Jan-Apr 2016

#### **Professional Membership**

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

#### **Exam Duties**

1. Worked in **Syllabus Revision Committee of University of Mumbai** for the branch of Electrical Engineering Designed syllabus of some subjects.
2. 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

#### College/Department Level Committees/Responsibilities

1. Working as a department coordinator for NAAC Criteria 2 committee and Student Association activities

#### Judge Panel / Staff Selection Committee / Subject Expert

1. Worked as a Judge for many college level technical and non-technical events.

### Subjects Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience (Years)
1.	EPS III	B.E. ELECT (Sem - VII)	16
2.	EPS I	S.E. ELECT (Sem -III)	1
3.	Power system planning and reliability	B.E. ELECT (Sem - VIII)	2
4.	Signal processing	T.E. ELECT (Sem – VI)	8
5.	Basic Electrical and Electronics Engineering	F. E. ALL BRANCHES (Sem - I)	13