

<b>Name</b>	<b>MR. MANGESH S. MODAK M.TECH(POWER SYSTEMS)</b>
Designation	Assistant Professor
Department	Electrical
Date of Joining the Institute	21/04/2007
Education	B.E(ELECTRICAL)2003 M.TECH(POWER SYSTEMS) COEP PUNE 2015
Branch / Specialization	POWER SYSTEMS
Areas of Interest	Signal processing, power systems, electrical machines
Email	Mangesh.modak@famt.ac.in



### Academic Appointments

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

**Total Experience – 10 Years**

### Awards / Honors / Prizes

1. Secured 79% marks in NPTEL online certification course on Industrial automation and control jan to april 2016
2. Secured 75% marks in NPTEL online certification course on foundation of wavelet and multirate digital signal processing jan to febl 2017
3. Secured 58% marks in NPTEL online certification course on Design of photovoltaic systems july to octl 2016

## Papers Published

### Papers Presented/Published in National / International Journals - 03

#### national Journals – 03

1. "Estimation and Implementation of Compensation Current Reference for a Single- Phase Hybrid Active Power Filter using AVR microcontroller, " P. kadam, L. Fernandes, and M. Modak in Asian journal of convegence in technology
2. "Design and Implementation of Inverter for BLDC Motor Controller "L. Fernandes, M. Modak, and P. Kadam, in Asian journal of convegence in technology
3. " Incorporation of Uncertainties in Power Flow Solution of Distribution Systems in Presence of Distributed Generation using Interval Arithmetic, "M. Modak, P. Kadam, and L. Fernandes, Asian journal of convegence in technology

### Papers Presented/Published in National/ International Conferences - 03

#### National Conferences – 03

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

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

#### STTPs and FDPs

1. Attended 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, C.O.E.P.
2. Attended 5 days AICTE sponsored STTP on 'MATLAB,ETAP and their Applications' organized by Fr.C.Rodrigues institute of technology, vashi, Navi mumbai
3. Attended 5 days AICTE-ISTE sponsored STTP on 'Power quality and industrial drives' Organized by gayatri Vidya parishad college of engg, vishakhapatnam.

4. Attended Two Day workshop on 'Simulation of Electronic circuits and power electronic systems using SEQUEL' Organized by Department of Electrical, Electronics, electronics and telecommunication department of ,FAMT,Ratnagiri.
5. Attended 5 days STTP on 'Renewable ENERGY TECHNOLOGIES AND APPLICATIONS' organized by Fr.C.Rodrigues institute of technology, vashi, Navi mumbai of Mumbai.
6. Attended Two Week ISTE workshop on 'Introduction to research methodologies' Conducted by IIT Bombay under the National Mission on Education through ICT
7. Attended 2 Day ISTE Workshop for Teachers on "Aakash for Education" Conducted by IIT Bombay under the National Mission on Education through ICT
8. Attended 3 Day Workshop on "Power system analysis softwareDigsilent power factory" Organized by Dept. of Electrical Engg ,COEP,pune.
9. Attended 1 Day workshop on "Power quality monitoring and mitigation in electrical systems" Organized by COEP.Pune.
10. Attended 1 day workshop on "Rules and Practices for Electrical earthing" at COEP.pune
11. Attended three day workshop on "Electrical safety in INDIA" organized by IAS/PES chapter, IEEE pune section

### Professional Membership

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

### Other Experience

#### College Level Committees

1. Working as a **Website coordinator** of **Website Administration committee** (WAC) of Finolex Academy of Management and Technology, Ratnagiri.
2. Working as a department coordinator for **NAAC Criteria 2 committee**

### Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Power system operation and control	B.E(elect) (Sem - VII)	08 Year
2.	B.E.E	F.E. (Sem - I)	8 Years
3.	Electrical machines III	T.E.Elect (Sem -VI)	3 Years
4.	Signal processing	S.E.Elect (Sem -IV)	4 Years
5.	Control systems	T.E.Elect (Sem -VI)	1 Years
6.	Electrical measurments and measuring instruments	S.E.Elect (Sem -III)	2 Years

7.	FACTS	B.E(elect) (Sem - VIII	4 Years
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