

**Name** **MR. Leslie Fernandes**  
**B.E.(Electrical), M. Tech Power Systems**

**Designation** Assistant Professor  
**Department** Electrical  
**Date of Joining the Institute** 02/09/2011  
**Education** B. E Electrical (2007-11)  
M.Tech Power Systems (2013-15)  
**Branch / Specialization** Power Systems  
**Areas of Interest** Power Electronics and Power Systems  
**Email** leslie.fernandes@famt.ac.in



### Academic Appointments

Name of the University / Institute / Industry	Duration	Designation
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 02/09/2011 to till date</b>	<b>Assistant Professor</b>

**Total Experience – 6.5 Years**

### Awards / Honors / Prizes

1. Received a 'Pat on the Back Award' from Hella India Automotive Private Limited for work in Internship Project Titled 'Design & Implementation of BLDC Motor Controller'
2. Received First Prize in National Level Technical Paper Presentation Contest Held at Finolex Academy of Management and Technology for the paper titled 'Co-generation in Electrical Micro grids.'

### Seminars/Lecture/Invited Talks Conducted

1. Conducted four days workshop on " **Basics of PLC** " with hands on practical sessions covering Micrologix 1400 1766 series B PLC (Thrice)

#### Papers Presented/Published in National / International Journals - 04

1. Leslie Fernandes, Priyanka Bandagale, "Applying Machine Learning approach for improving Health Care Services" in the JETIR International Journal (ISSN: 2349-5162)
2. 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)'
3. 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)'
4. 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)'

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#### Number of Workshops, Seminars, STTPs, FDPs Attended - 08

1. Completed workshop in 'Machine Learning' conducted by IIT Kharagpur.
2. Completed **NPTEL Online Certification** in '**Solar Photovoltaic Systems**' conducted by IIT, Kharagpur during Jan to Apr 2018
3. Attended Two Week **ISTE STTP** on '**Electrical Power System**' Conducted by IIT Kharagpur under the National Mission on Education through ICT (MHRD) from 12<sup>th</sup> June 2017 to 15<sup>th</sup> July 2017
4. Attended a workshop on 'Business Skill Development Programme' conducted by MSME Development Institute, Mumbai.
5. Attended a workshop on 'Energy Auditing' conducted by EESA, Finolex Academy of Management & Technology.
6. Attended a workshop on 'National Training Program For Rural Distribution Franchisee' conducted by MSEDCL.
7. Attended a workshop on 'Analog Electronics' conducted by Indian Institute of Technology Kharagpur
8. 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.

## College Exam Duties

1. Carried out exam related duties such as **Examiner, External Examiner & scrutiny officer** for conducting theory, practical and oral exam as appointed by Board of Examination, Mumbai University.

## Other Experience

### College Level Committees

1. Working as a **Library advisory committee member** Finolex Academy of Management and Technology, Ratnagiri.
2. Working as a department coordinator for **NAAC Criteria 5 committee**
3. Working as departmental website coordinator committee member
4. Worked as a **Training and Placement Co ordinator(2015-18)**

## Subjects Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Electrical Machine II	T.E Electrical (Sem V)	1 Year
2.	Electrical Measurements & Measuring Instruments	S.E. Electrical (Sem - Iii)	1 Years
3.	Electronic Measurements & Measuring Instruments	S.E. Electrical (Sem - IV)	1 Years
4.	Industrial Electronics	S.E. Mechanical (Sem - IV)	2 Years
5.	Analog & Digital Integrated Circuits	S.E. Electrical (Sem - IV)	3 Year
6.	Conventional & Non Conventional Power Generation	S.E. Electrical (Sem - Iii)	3 Year
7.	Power Electronics	S.E. Electrical (Sem-III)	2 Year
8.	Principles of Control Systems	S.E. Electronics (Sem-III)	1 Year