

Electrical Engineering Department

FACULTY PROFILE

Prof. Mohini R. Bhadikar



Qualification:	Diploma in Electrical Engineering B.E. in Electrical Engineering M.Tech in Electrical Drives and Control
Designation:	Assistant Professor
Date of Joining:	19/09/2022
Teaching Exp.:	2.5 Years (Polytechnic)
Industrial Exp.:	00
Mobile No.:	9767481773
E-mail:	mbhadikar13@gmail.com

Subject taught:

Polytechnic Subjects :

1. Elements of Electrical Engineering
2. Electrical Power Generation
3. Electrical Materials and Wiring
4. Utilization of Electrical Energy
5. Emerging Trends in Electrical Engineering
6. Wind Power Technology.

Engineering Subjects :

1. Engineering Material Science.
2. Electrical Safety.
3. Electrical Utilization and Transmission.
4. Power System Operation Control Lab-Practical's.
5. Network Theory.
6. High Power Multi-level Converter.

**Research/
Publications:**

1. Mohini Bhadikar, Dr. S. M. Badave, Ruchita P. Dahad "Study Of Analysis Of Improved Active Power Filter With Power Quality Features" The International journal of analytical and experimental modal analysis (IJAEMA) ISSN NO: 0886-9367 Volume XII, Issue IV, April/2020.

	<p>2. Mohini Bhadikar, Dr. S. M. Badave, Ruchita P. Dahad “Improved 15 Level Inverter Based SSA Driven Multi Level Shunt Active Power Filter For Power Quality Enhancement” The International journal of analytical and experimental modal analysis (IJAEMA) ISSN NO: 0886-9367 Volume XII, Issue XI, November/2020.</p>
<p>Training/ Workshop attended:</p>	<ol style="list-style-type: none"> 1. Transformer Maintenance Workshop. 2. Programming Secrets Workshop. 3. MATLAB Simpower System Implementation And Modeling Workshop. 4. Research Methodology And Data Analysis Technique Workshop. 5. Analytical Techniques for Applied Research an Interdisciplinary Workshop. 6. Advanced Design Procedure for Power Electronic Devices In MATLAB Simulink Workshop. 7. Professional Development workshop on Digital Creativity skills as a part of Adobe Academics Essentials program. 8. Five Days online FDP work shop on Universal Human Values organized by AICTE. 9. One week FDP on Modern Approach in Electrical Engineering organized by MGM Polytechnic, Aurangabad. 10. One week National level FDP on G Suit and Allied tools in education, Teaching and E-Content Development by Sant Gadage Baba University, Amaravati. 11. One week Faculty development program in Moodle: Learning Management System (LMS) by STES’S Smt. Kashibai Navale College of Engineering, Pune. 12. Live Online Training Program on Creative Entrepreneurship by Matoshri Pratishtan Vishwabharati Polytechnic Institute, Nanded. 13. One week Faculty development program in “E-content Development in Teaching” by Sarswati Kala Mahavidyalaya Dahihanda Akola, Sant Gadage Baba University, Amaravati.

14. Four Days online FDP workshop on Renewable Energy Conservation and Management organized by MGM Polytechnic, Aurangabad.
15. One week Online Faculty development program on “Advancements in Emerging Technologies” by Vivekanand Education Society Polytechnic, Mumbai.
16. Webinar on “Simulink and Simscape Electrical For Research and Teaching”.

Role and Responsibilities:

1. Working as a Warden in MIT Girl's Hostel, Aurangabad.
2. Departmental Timetable Coordinator, Dept. of Electrical Engineering, MIT Polytechnic, Aurangabad.
3. Departmental Website, News Letter, Communication and Maintenance Coordinator, Dept. of Electrical Engineering, MIT Polytechnic, Aurangabad.
4. Departmental Lab In charge of Electrical Engineering, MIT Polytechnic, Aurangabad.
5. NAAC- SWAYAM-NPTEL Coordinator, Dept. of Electrical Engineering, VDF Group of Institutions, Latur.
6. Departmental SWAYAM-NPTEL Coordinator, Dept. of Electrical Engineering, VDF Group of Institutions, Latur.
7. Departmental Alumini Coordinator, Dept. of Electrical Engineering, VDF Group of Institutions, Latur.
8. Departmental Feed-back Coordinator, Dept. of Electrical Engineering, VDF Group of Institutions, Latur.
9. Departmental Activity Chart Coordinator, Dept. of Electrical Engineering, VDF Group of Institutions, Latur.
10. Departmental Guest Lecture Coordinator, Dept. of Electrical Engineering, VDF Group of Institutions, Latur.
11. Cultural Committee Coordinator of Dancing VDF Group of Institutions, Latur.
12. Photo Committee Coordinator of Sport Event of "Volley Ball" under Solapur Zone in VDF Group of Institutions, Latur.
13. DBATU, Summer Remedial Exam 2022 Paper setting.
14. Any other work assigned by HOD.

Committee Involvement: