

Name: **Prof. Mandar P. Bhawalkar**

Designation: Assistant Professor

#### Contact Details:

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#### Educational Qualification:

- Ph.D. ( Electrical Engineering)
- ME Electrical ( Power Systems)
- Adv. Dip in Computer Applications
- Certified Energy Auditor

**Research Interests:**Renewable Energy, Power Quality, FACTS Devices

**Field of Consultancy(Aspiring):**Renewable Energy, Power Quality

**Consultancy offered: 03**

1. **Kirloskar Brothers Ltd.** – Residual Voltage Test on Pump Motor to be installed at Narora Nuclear power plant. 2013
2. **Kirloskar Brothers Ltd.** – Residual Voltage Test, Run Down Test and Inrush Current Test on 150HP Pump being installed in nuclear power plant. 2014
3. **Kraft Powercon India Pvt. Ltd.** – Testing of rectifier transformer units 2013-2014

#### Experience:

- 1) Industrial Experience (total years) : 1.5 years
- 2) Teaching Experience( total number of years): 18 years

#### **Research Projects :**

**1.Title** Development of Reluctance Generator for wind energy applications

**2.Area** Renewable Energy Sources

**3.Sponsoring Agency:** BCUD SP Pune University

**4.Duration** 2013-2015

**Publications:**

1. **International Journals:**                   **04**
2. **IEEE Xplore:**                               **08**
3. **National Journals:**                       **11**
4. **International Conferences :**       **12**
5. **National Conferences :**               **05**

**Books Published:** Book Chapter “ Optimal Design of Brushless Doubly Fed Reluctance Machine” published in book Optimization and Control of Electrical Machines , 2018, pp. 33-54, InTech Open ISBN 978-1-78923-4

**PG/PhD guidance:** PG Students Guided - ME (Electrical Power system) : 09 Completed , 01 Ongoing

**Professional Society Memberships:**

IEEE—41609797

Member of IEEE Industry Application Society

ISTE --- Life Member of ISTE membership number LM 36752

Institution of Engineers, India - Life Member M-148603-3

Elected Member of Electrical Division Board Pune Local Centre Institution of Engineers Pune Local Centre for duration 2019-2021.

**Recognitions/ Awards:**

1. Recognized Post Graduate teacher of University of Pune.
2. Secured Second Rank in Pune University at ME Electrical

3. Bagged Best Paper Award in International Conference ICACDOT 2016 at I2IT, Pune.
4. Bagged Best Paper Award in International Conference ICASE 2012 at Hyderabad.
5. Received Second Prize for paper in Annual Paper Meet, Nov 2014 at Institution of Engineers, Pune Local Centre.
6. Received Third Prize for paper in Annual Paper Meet, Nov 2014 at Institution of Engineers, Pune Local Centre.
7. Recipient of Aadarsh Shikshak Puraskar from Dadaji Vaishampayan, Kalyan in 2004.

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