

Name:

Prof. Omkar S. Pawaskar

Designation:

Assistant Professor

Contact Details:

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Educational Qualifications:

- M.E. (Electrical Power Systems), BVDUCOE, Pune, May 2008.
- B.E. (Electrical), Pune University, Pune, August 2005

Experience:

- Teaching: 18 Years

Research Interests:

- Power Quality
- Power Systems
- Power Systems Protection

Field of Consultancy (Aspiring):

Power Quality

Number of Publications: 08

International Journal: 02

International Conference: 02

National Conference: 04

Number of PG Students Guided: 04 + 01 (Pursuing)**Number of FDPs / STTPs organized: 02****Number of Workshops organized: 03****Number of FDPs / STTPs attended: 02****Number of Workshops attended: 05****Number of Conferences / Seminars attended: 02**

Number of Online Certification Courses done: 04

Number of Webinar attended: 10

Number of times served as a Resource Person: 06

Number of times served as a Reviewer / Judge: 04

Details of Research papers published:

1. "Harmonic Analysis of Different Types of Discharge Lamps" has been published in the "Journal of Instrumentation and Innovation Sciences (e-ISSN: 2456-9860)", in Volume 7 Issue 1, 2022, Renuka Joshi, Pratiksha Gurav, Siddhi Naik, Sushmit Tayade, Omkar Pawaskar, Gauri Karve
2. Paper titled, " Design and Simulation of various Batteries used in Electric Vehicle to Improve **“Performance of Electric Vehicle using Simulink”** has been published in the "Journal of Instrumentation and Innovation Sciences (e-ISSN: 2456-9860)", in Volume 7 Issue 1, 2022, Kajol Kate, Omkar Pawaskar
3. Sania Walunjkar, Prathamesh Tagare, Aditya Nawale, Anuja Patil, Omkar Pawaskar, “Design simulation and Analysis of Dynamic Wireless Charging of Electric Vehicles” in International Journal of Innovative Research in Science, Engineering & Technology (IJRSET), Volume 10, May 2021, e-ISSN 2319-8753
2. Sania Walunjkar, Prathamesh Tagare, Aditya Nawale, Anuja Patil, Omkar Pawaskar, “Design simulation and Analysis of Dynamic Wireless Charging of Electric Vehicles” in IEEE TECHNICOKNOCKDOWN-2021, TKD-21, SIT, Lonavla, May 2021
3. Ms.Tejashtree Pimprikar, Omkar Pawaskar, “Virtual Synchronous Generator- A New Trend in Technology for Smart Grid Integration”, , DOI: 10.1109/ICICET.2018.8533823, Electronic ISBN: 978-1-5386-5510-8, USB ISBN: 978-1-5386-5509-2 in International Conference on Information, Communication, Engineering and Technology 2018, [Organized by IEEE Pune Section & Zeal Education Society's Zeal College of Engineering and Research, Narhe, Pune, India
4. Miss. Pooja P. Katyarmal, Omkar Pawaskar, ‘Impacts of addition of photovoltaic system to Distribution Grid.’ Vol 40, pp 250-255,Nov 2016, ISBN No. 978-81-924990-4-8 in 32nd National Convention of Electrical Engineers and National Seminar on “ Sustainable Development in Indian Power Sector in Next Decade”, held at Institution of Engineers(India), Pune local Center
5. Aakash Bhole, Omkar Pawaskar, ‘An Analysis of adjustable speed PFC BL-SEPIC and ZETA converter Fed PM BLDC Motor” in 8th International conference on Advances in Electrical Measurements and Instrumentation Engineering EMIE-2019
6. M.P.Bhawalkar, O. Pawaskar, A. Pendase, Pallavi wagh, S. Kulakarni, M. Sonawane, M. Kulkarni, “Production friendly design and development of brushless DC machines”, ISBN no:978-4-88686-098-9, in International conference of Electrical Machines and Systems (ICEMS) Tokio, Japan

7. Omkar Pawaskar, Prof. Mrs. S. S. More, ToD Tariff in Maharashtra: Need for Further Refinement to Ensure Adequate Demand Response in NCAPS-09, at KKWCOE&T, Nashik
8. Omkar Pawaskar, Prof. Mrs. S. S. More, ToD Tariff Structure, Effective DSM Tool in 23rd National Convention of Electrical Engineers and National Seminar on “Sustainable Development in Indian Power Sector in Next Decade”, held at Institution of Engineers (India), Pune local Center

Details of FDPs / STTPs attended in last 5 years:

1. One week online FDP on Advances in Electrical Engineering during 8.6.2020 to 13.6.2020
2. 3 days Faculty Development Program on ‘Outcome based Education’ from 6th October-8th October 2020
3. 3 Days FDP on ‘Advanced Pedagogy for Empowering Teachers’ from 11th March to 13th March 2020 organised by MHRD and AISSMS COE, SPPU
4. 2 Weeks FDP on Research Opportunities in Electrical Engineering from 7th May to 16th May 2020 organised by GCOE, Karad
5. 1 week FDP on ‘Present Trends and Research on Electric Vehicles’ from 27th May to 31st May 2020 organised by Rajarambapu Institute of Tech Islampur
6. 1 Week FDP on Advanced Teaching tools, techniques and methodologies for outcome based Education from 1st June to 6th June 2020 organised by AISSMS, COE, Pune
7. Attended Faculty Orientation Program for SE Electrical 2019 course Organised by PES’s Modern College of Engineering, Pune on 27th March 2021.
8. Worked as Resource person in SE 2019 course refresher course for subject Electrical Measurements & Instrumentation organised by SIT, Lonavla
9. Worked as Resource person in SE 2019 course refresher course for subject Power Systems I organised by Modern COE, Pune

Major Portfolios Handled: (college level and department level)

- College Examination Officer for 2 years
- Timetable coordinator at college level for 5 years
- Timetable coordinator at department level for 13 years till date
- Student association coordinator of department for 5 years
- Exam coordinator of department for 3 years
- NDLI club Secretary of college since April 2021
- Medical checkup for FE students for 10 years
- Class teacher