

**Name: MISS PRACHI DASHRATH MOHITE**

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Date of birth: 27-10-1976  
Email: [prachi272010@yahoo.com](mailto:prachi272010@yahoo.com)  
Cell: 9860321951 / 7875192221  
Qualification : ME in Electrical Power System in first division.

**PROFESSIONAL SUMMARY:**

Currently working with P.E.S. College of Engineering Aurangabad.(Electrical department) as Assistant Professor Senior Scale from 28 June 2005 Till today. (Total experience 12 years)

**MEMBERSHIP OF COMMITTEES**

Sr.no.	Topic	Award	Date of joining
1.	The Indian Society for Technical Education	Life Member	2013
2.	The institution of Engineers (India)	Member (MIE)	31/7/2014
3.	IEEE	ONE YEAR	1/1/15

**ORGANIZED AT COLLEGE LEVEL**

Sr.no.	Topic	Topic
1.	IEEE Student Branch,PESCOEA	Fundamental Programming Concept in Matlab.(2014)
2.	IEEE Student Branch,PESCOEA	Smart city.(2015)

**UNIVERSITY APPOINTMENTS**

1. Invigilation duties (All Exam)
2. Worked in CAS
3. Paper setter
4. Paper assessment
5. Practical oral internal
6. Practical oral external
7. Worked as CS and US at University exam

**COLLEGE APPOINTMENTS AND RESPONSIBILITIES**

1. BE Project guide

2. Electrical department Computer maintenance incharge
3. Class teacher(Every academic)
4. Teeep seminar I/c
5. Warden
6. Conducted and arranged Tours
7. Time table incharge
8. Worked in various college commitees
9. Invigilation duties (All Exam)
10. Worked in ARC

## PROJECT

M.E.	Reduction of frequency on speed of system
B.E.	Electronic voting machine

## RESEARCH ACTIVITY :

Selected at Rank 4 at DrBabasahebAmbedkar University Aurangabad for pursuing Ph.D.

## INTERNATIONAL JOURNALS

[1] **Prof. Prachi D. Mohite**, Prof. S. S. Kamble, Prof. Shweta AbhayKhalatkar, “Smart Bypass Diode For Smart Power”, International Journal of Science & Engineering Development Research (IJSER) ISSN 2455-2631, Impact factor 2.87, Vol 1 Issue 5, May-2016.

[2]**Prof. Prachi D. Mohite**,Prof. S. S. Kamble,Prof. Shweta AbhayKhalatkar , “ Warranty Analysis of Bulbs “ International Journal Of Engineering Development And Research (IJEDR) , ISSN 2321-9939, Impact factor3.97 ,Vol 4 Issue 3 August 2016.

## INTERNATIONAL CONFERENCES/SEMINARS

[1]**Prof. P. D. Mohite**, Prof. S. S. Kamble, Prof. S. A. Khalatkar, “ Improved data mining for hourly solar radiation” International Conference.2016

[2]**Prachi D Mohite**, “Special Electrical Machines For Renewable Energy”, All India Seminar (With International Participation) on Clean Energy Renewable energy and Energy Conservation, Institution of Engineers (I) Nagpur Centre, Nagpur, March 5-6 2016 pp.23

[3]**Prachi D Mohite**,“ Renewable Energy Interfaces”. All India Seminar (With International Participation) on Clean Energy Renewable energy and Energy Conservation, Institution of Engineers (I) Nagpur Centre, Nagpur, March 5-6 2016 pp.22

[4] B. N. Chaudhari, M. S. Ballal, **P. D. Mohite** and P.P.Holay, “Wind Electricity Generation and Associated Harmonics”, All India Seminar (With International Participation) on Clean Energy and Energy Conservation, Institution of Engineers (I) Nagpur Centre, Nagpur, October 13-14, 2012 pp.194-200.

[5] B. N. Chaudhari, M. S. Ballal and **P. D. Mohite**, “Pitch Angle and Power Controls of Wind Turbine”, All India Seminar (With International Participation) on Clean Energy and Energy Conservation, Institution of Engineers (I) Nagpur Centre, Nagpur, October 13-14, 2012 pp.50-57.

[6] **P. D. Mohite**, “Transformer to boost Power Quality” National Conference at Nagpur on 2 January 2012.

[7] **Prachi D Mohite**, “Throttling Process for Energy Saving” Prachi Mohite, P.E.S College Of Engineering, India, International Conference PCIM China Conference 2009 2 – 4 June 2009, Shanghai 2009 pp 08.

[8] **Prachi D Mohite**, “Benefits And Technologies Of Flexible Ac Transmission Systems” International Conference Power Electronics Intelligent Motion Power Quality May 30 - June 1, 2006 Niirnberg, Germany pp.741-744

#### **NATIONAL / IIT LEVEL CONFERENCES/SEMINARS**

[1] **Prachi D Mohite**, Shweta AbhayKhalatlkar, “Hydropower Development & Environmental Issues”. National Conference, Discovery, 2016, 52(248), 1647-1654.

[2] **Prachi D Mohite**, “Climate deviation adaptation and mitigation”, 3 rd National conference SWARDAM 2016, Sustainable Water Resources Development and management Sponsored by TEQIP phase II, 4 -5 July 2016 At Government college of Engineering Aurangabad, ISBN 978-93-85777-75-2 pp 47-53

[3] **Prachi D Mohite**, Shweta AbhayKhalatlkar, “Performance study and analysis of photovoltaic hydrogen fuel cell hybrid energy system” Indian Institute of Chemical Engineers.CHEMIX 16 A National conference on inter and intra disciplinary blend of chemical Engineering April 2 and 3 2016 VNIT Nagpur, pp 177-181.

[4] **Prachi D Mohite**, “Enhancement Of Grid Energy Storage For Power Grid Stability”, National conference on Recent developments in wind and solar power at Jai Narain college of technology Bhopal 1-2 July 2011, pp 23

[5] **Prachi D Mohite**, “Distributed embedded system for low power”, National level student technical Symposium sponsored by ISTE at Umrer college of Engineering Nagpur, 23-24 Feb 2007. pp 63-65

[6] **Prachi D Mohite**, “UML for embedded system design”, National level student technical Symposium sponsored by ISTE at Umrer college of Engineering Nagpur, 23-24 Feb 2007. pp 60-63

[7] S.S. Dhamse, B.N.Chaudhari, **Prachi D. Mohite**, “Flexible AC Transmission Systems A Technology To Enhance Stability and Transmission Capacity”, National Conference on Recent trends in power systems at Sreenidhi institute of Science and technology Hyderabad, Andhra Pradesh on 30-11-05 to 1-12-05.

[8] S.S. Dhamse, B.N.Chaudhari, **Prachi D. Mohite**, “Embedded power generation”, National Conference on Recent trends in power systems at Sreenidhi institute of Science and technology Hyderabad, Andhra Pradesh on 23 -24 Nov 2005.

[9] ] S.S. Dhamse, B.N.Chaudhari, **Prachi D. Mohite**, “Variables speed drives”, National Conference on Computational Intelligence for Electrical Engineering, At SantHarchand Singh Longowal Central Institute of Engineering and Technology Longowal Punjab on 18-19 November 2005.

[10] S.S. Dhamse, **Prachi D. Mohite**, R G Sharma, “Genetic Algorithm”, National Conference on Trends of Computational Techniques in Engineering, At SantHarchand Singh Longowal Central Institute of Engineering and Technology Longowal Punjab on 15-16 October 2004, pp 188-190.

[11] **Prachi D. Mohite**, Shilpa S Makde, “Massively Parallel Processors” ISTE sponsored National level conference on Engineering technology for rural development at Umrer college of engineering Nagpur, 16-17 January 2004, pp 89.

#### STATE / LEVEL CONFERENCES/SEMINARS

[1]**P. D. Mohite**, “Ground source heat pumps”, Paper presentation competition on Excellence in energy management sponsored by GUJCOST at Atmiya institute of technology and science Rajkot, on March 5 2006.

[2]**P. D. Mohite**, “ Energy efficient drives”, Paper presentation competition on Excellence in energy management sponsored by GUJCOST at Atmiya institute of technology and science Rajkot, on March 5 2006.

#### Workshop/STTP/STC

[1]One day workshop on “**Research Methodology**” held on 20 August 2016 At P.E.S College of Engineering Aurangabad

[2]One week National level STTP DST sponsored and ISTE approved on “**Modelling and Simulation**” organized by Department of mechanical Engineering Maharashtra Institute of Technology Aurangabad From 27 June to 2 July 2016.

[3]Five days workshop on “ **FPGA Prototyping with Xilinx tools**” organised by NIELET Aurangabad from 14 June to 18 June 2016.

[4]One week on “ **Design of Experiments and Optimization Techniques. (STTP)**” From 9-13 May 2016 Organized by Department of Mechanical Engineering D.I.E.M.S Aurangabad.

[5] NaMPET Phase II One week STC on “**Power Electronics Applications in micro grids Enabling green Energy. (STC)**” organised by Electrical Engineering Department ,VNIT ,Nagpur from 6-10 April 2016.

[6] Two day Seminar on “**Clean Energy, renewable energy and Energy Conservation 2016**” held on 5-6 March 2016 by IEI Nagpur.

[7] STC on “**Distributed Generation and Power Quality (STC)**” organised by Electrical Engineering Department ,VNIT ,Nagpur 15-16 Dec 2015.

[8]Energy Cell 2014-2015 “**Electrical Safety**”organized by CMIA energy cell and CEEAMA at P.E.S college of Engineering Aurangabad.

[9] One week STTP sponsored by IETE during 2-6 June 2014 organized by Department of Information Technology At P.E.S College of Engineering Aurangabad on “**Big data analysis**”

[10]One week STTP on **REMECOAT 2013(TEQIP II)** at Government College of Engineering Aurangabad, held on December 16-20 2013.

[11]One Day workshop By NIELIT “**Intellectual property Rights**” on 3 JUNE 2013.

[12] Two day Seminar on “ **Clean Energy and Energy Conservation 2012**” October 13-14, 2012

[13] Thirteen days” **Faculty Development Programme**” (FDP) under sponsorship of Department of Science and technology Government of India New Delhi and EDII, At MCED from 12-24 Dec 2011.

[14]Five days Development programme “**Advanced Workshop of Wipro Mission10x**” held on 22-23 July 2011,at MGM Aurangabad.

[15] Two Day workshop on High impact teaching skills attested by **Dale Carnegie Training** on 18-19 April 2011.

[16] Five Day **Mission 10 X** Workshop At MGM Aurangabad, 18-22 April 2011

[17] Three day Awareness camp By MITCON “**Entrepreneur Awareness Program**” at P.E.S College of Engineering Aurangabad on 27-29 Jan 2011.

[18]One week MHRD Sponsored STTP in “**Simulation Software in Electrical Engineering (STTP)**” Conducted by VNIT Nagpur During 9-13 Nov 2009

[19]Two Day Seminar in coordination with BHABA on “**Peaceful Uses Of Atomic Energy**” held on 7-8 Sept 2007.

[20]One day workshop on **Open source PHP and MYSQL** conducted on 16 Jan 2007 organized by TEQIP services.

## OTHER ACTIVITIES

Sr.no.	Topic	From – To	Place
1.	National level Women’s conference	7 Oct 2006	Aurangabad

2.	Ing life Insurance Kitchen Queen Contest	9 May 2012	Aurangabad
3.	One Day workshop for Woman	3 Mar 2012	Aurangabad

### **ACHIEVEMENTS**

Sr.no.	Topic	For
1.	Mission Learning Approach Practitioners Certificate	Implementing MxLA

### **AREA OF INTEREST :**

1. *Electrical circuits,*
2. *synthesis and analysis,*
3. *Software Programming in Electrical Engineering.*

### **SOFTWARE KNOWLEDGE**

Cursory Introduction:	Pascal
Operating systems:	Dos
Languages:	C and C++
Back end:	Foxpro, MS Access and Oracle
Front end:	Visual basic
Packages:	MS-Office
Simulation:	Matlab and Pspice