

Faculty Profile



1. Name of Faculty: Dr. Purushottam N Padghan
2. Present Position: Lecturer Selection Grade
3. Address : Department of Electrical Engineering,
Government Polytechnic, Mumbai
49, Aliyaware Jung Marg, Kherwadi,
Bandra E, Mumbai-400051
4. Mobile No. : 9869772266, 8975642846
5. E-Mail Id : pnpadghan1066@gmail.com
6. Date of Joining (Govt. of Maharashtra): 15/01/1996
(Govt. Poly. Mumbai): 01/08/2015
7. Total Teaching Experience in Years: 31 Years
8. Memberships of Professional Organizations/Bodies:
 - a. Life Member of ISTE (LM 31031)
 - b. IEI (India) Member M-166677-5
 - c. Chartered Engineer M-166675

QUALIFICATIONS: (Graduation and Onwards)

Sr. No.	Degree	College/University	Class	Year of Passing
1	BE (Electrical Power System)	SSGM College of Engineering, Shegaon, Buldhana, Amravati University	I st Class	1988
2	ME (Electrical Power System)	PVG's College of Engineering & Technology, Pune, Pune University	I st Class	2004
3	PhD (Electrical Engineering)	Jadavpur University, Kolkata, India.	---	2016

CAREER DETAILS:

Sr. No.	Organization	Designation	Duration	Period	Work Done in Brief
1	R.S. Polytechnic, Pedambe (Chiplun)	Lecturer in Electrical Engineering	03/09/1990 to 17/09/1991	1 Year	Academic & Development of Labs
2	Khopoli Polytechnic, Khopoli (Raigad)	Lecturer in Electrical Engineering	18/09/1991 to 09/07/1994	2 Year 10 Months	Academic, Development of Labs, Project Guide, Sports activity I/C & College Phase activities
3	VPM Polytechnic, Thane	Lecturer in Electrical Engineering	10/07/1994 to 31/08/1995	1 Year 1 Month	Academic, Development of Labs, Project Guide, Member of organizing committee for Conference in collaboration with MEDA & College Phase activities
4	K.J.Somaiya Polytechnic, Vidya-Vihar, Mumbai	Lecturer in Electrical Engineering	07/09/1995 to 30/11/1995	3 Months	Academic
5	Govt. Polytechnic, Pen Dist. Raigad	Lecturer in Electrical Engineering	15/01/1996 to 06/07/2005	9 Years 6 Months	Academic, Development of Labs, Project Guide, Sports activity I/C & College Phase I/C & activities, Worked as I/C Head of Department (HOD) of Instrumentation & Control Engineering for 9 & 1/2 years, Worked as I/C Head of Department (HOD) of Chemical Engineering for 7 & 1/2 years, Gymkhana Vice-President, Student Co-operative I/C, Industry Visit & Expert Lecturer Organization
6	Govt. Polytechnic, Malvan Dist. Sindudurg	Lecturer in Electrical Engineering	07/07/2005 to 19/01/2006	6 Months	Academic & Development of Labs, Project Guide

7	Govt. Polytechnic, Thane	Lecturer in Electrical Engineering	20/01/2006 to 15/02/2014	8 Years 1 Month	System Analyst, Academic, Gymkhana Vice-President, Deputed at DTE for Degree admission process, Deputed at MSBTE (CDC Cell): Coordinator - During this course of time, port folios like organization of content updating programme, students technical paper presentation and quiz competition programme, organization of career fairs, organization of industrial training for faculties and soft skill training for MSBTE staff, revision of curriculum from “c” to “E” scheme, organization of demos for various software’s which are in need for content updating, lab manual verification, eligibility certificates, virtual learning canter activity, etc., are successfully handled.
8	Govt. Polytechnic, Gadchiroli	Lecturer in Electrical Engineering	16/02/2014 to 31/07/2015	1 Year 5 Months	Academic & Development of Labs, Project Guide, Industry Visit & Expert Lecturer Organization
9	Govt. Polytechnic, Mumbai	Lecturer in Electrical Engineering	01/08/2015	6 Years 5 Months	Academic & Development of SGP Lab, Worked as I/C Head of Department (HOD) of Electrical Engineering for 5 months, Industry Visit & Expert Lecturer Organization, Industry Based Project Coordination (Omnific Solutions), CDC I/C, PBOS / BOS I/C, NBA-Criterion – 4 In-charge PR/OR exam I/C, Yoga I/C, Consultancy Cell I/C, CEP Coordinator – IBMS Course Committee Member: Students Induction Pr. Committee Member: School Connect Prog Committee Member: Swatchhata Abhiyan Committee Member: CSR activity

TRAINING COURSES ATTENDED:

Sr. No.	Course Name	Duration	Place	Training Agency	Remarks
1	An Introduction to Computer Hardware, Peripherals & Troubleshooting	25/06/2001 to 06/07/2001	Government Residential Women's Polytechnic, Yavatmal	AICTE-ISTE	(2 weeks)
2	Digital Control and Robotics	27/05/2002 to 07/06/2002	Government College of Engineering, Pune	AICTE-ISTE	(2 weeks)
3	Campus Wide Network Administration	13/01/2003 to 25/01/2003	Dr. Babasaheb Ambedkar Technological University's Institute of Petrochemical Engineering, Lonere, Dist.-Raigad	AICTE-ISTE	(2 weeks)
4	Development of Multi-Media Based Courseware Material Instruction set for Technical Teachers	17/02/2003 to 01/03/2003	Saamira's Institute of Man-Made Textiles, Warali, Mumbai	ISTE	(2 weeks)
5	Development of Generic Skills	06/01/2004 to 10/01/2004	VPM's Polytechnic, Thane	MSBTE	(1 week)
6	Statistical Quality Control and Total Quality Management	19/07/2004 to 23/07/2004	National Institute of Technical Teachers Training and Research, Chandigarh	AICTE	(1 week)
7	Modern Practices in Electrical Industries	05/02/2007 to 09/02/2007	Government Polytechnic, Nashik	MSBTE	(1 week)
8	Industrial Training	23/05/2007 to 18/07/2007	Fortech Computers, Shivaji Nagar, Pune	Directorate of Technical Education, Maharashtra State, Mumbai	(8 weeks)

9	Disaster Management and Mitigation Techniques	22/09/2014 to 26/09/2014	Government Polytechnic, Nashik	AICTE	(1 week)
10	High Voltage & Partial Discharge	14/03/2016 to 19/03/2016	Veer mata Jijabai Technological Institute, Matunga, Mumbai	AICTE (QIP)	(1 week)
11	NBA and Curriculum Development	18/04/2016 to 22/04/2016	Government Polytechnic, Mumbai	NITTTR, Bhopal	(1 week)
12	Industrial Automation Practice through ICT	15/01/2018 to 19/01/2018	Government Polytechnic, Mumbai	NITTTR, Chandigarh (through ICT)	(1 week)
13	Problem Based Learning through ICT	25/06/2018 to 29/06/2018	Government Polytechnic, Mumbai	NITTTR, Kolkata (through ICT)	(1 week)
14	Energy management Conservation and Sustainable Development	17/12/2018 to 21/12/202018	Government Polytechnic, Mumbai	MSBTE	(1 week)
15	NBA Accreditation (ICT)	24/04/2019 to 26/04/2019	Government Polytechnic, Mumbai	NITTTR, Kolkata (through ICT)	(1 week)
16	Tools for Online Teaching & Learning Process (Online)	20/04/2020 to 17/05/2020	Dept. of Pharmacy, G.P. Jalgaon	MSBTE	(4 week)
17	Matlab Applications in Engineering and Science (Online)	27/04/2020 to 01/05/2020	Government College of Engineering Karad & Rajkiya Engineering College Azamgarh	TEQIP-III	(1 week)
18	Online Orientation Training Programme for Mentors (Online)	03/06/2020 to 10/06/2020	AICTE, New Delhi	National Initiative for Technical Teachers Training	8 Days (1 week)
19	Role of Technical Institutions in Fostering Innovation and Entrepreneurship (Online)	04/09/2020 to 08/09/2020	Centre for Innovation, Incubation and Entrepreneurship, National Institute of Technology,	TEQIP-III	(1 week)

			Shilong, Meghalaya		
20	Overview of SAP Business One ERP (Online)	05/10/2020 to 17/10/2020	Government Polytechnic, Mumbai in association with Transfinite Innovative Solutions Pvt. Ltd. Mumbai	Transfinite Innovative Solutions Pvt. Ltd. Mumbai	(2 weeks)
21	Recent Advances in Condition Monitoring of Power Equipment (Online)	25/01/2021 to 30/01/2021	National Institute of Technology Calicut	NIT, Calicut	(1 week)
22	Microgrid Protection (In Collaboration with Typhoon HIL) ICT	25/10/2021 to 29/10/2021	NITTTR Chandigarh	NITTTR	(1 week)

Publications:

Sr. No.	Title of Paper	Name of Conference/Journal	Published Year
1	Biogeography-Based Algorithm for High Voltage Electrode Surface Optimization of a single-phase GIS Bus Terminal”.	<i>Serbian Journal of Electrical Engineering</i> , Vol.11, No.2, pp.213-231	June 2014
2	“Optimization of Field Stress with the application of Stress cone used in Cable Joints”.	<i>Communicated to IEEE journal</i>	--
3	“Effective Field Optimization of High Voltage Electrode Surface by Biogeography Based Algorithm”,	<i>IEEE, First International Conference on Condition Assessment Techniques in Electrical Systems CATCON-13</i> , Paper ID: 50, Kolkata, India	Dec.2013
4	“Biogeography Based Optimization and It’s Applications – An Overview”.	<i>Proceeding of National Conference on Electrical, Electronics and Computer Engineering, CALCON-11</i> , Kolkata, India	November 2011
5	“Use of Green Engineering and Green Infrastructure for the development of Rural Areas’	<i>18th Student ISTE Convocation 2015 on Technology for Rural Development to Accomplish Vision India 2020</i> , Kings College of Engineering, Thanjavur, Tamil Nadu.	2015

Specialization/ Area of Interest: High Voltage Engineering, Power System, Electrical Machines, Switchgear & Protection, Renewable Energy Sources, Power Quality

Portfolios handled at Institute Level (Last 3 years):

- a. ISTE / IEI Students Chapter In-charge / Facilitator
- b. CET CELL Venue Officer for the MAH-MBA/MMS CET 2020 examination at New Delhi
- c. CET CELL Venue Officer for the MAH-MCA CET 2020 examination at YMT College of Management Setor-04, Kharghar, Navi Mumbai
- d. In-charge Coordinator: - Learn Free Open-Source Software -MOOC / Spoken Tutorial / FOSSEE
- e. AQIS – Proposal Tech. Edu. & Sustainability
- f. In-charge for Tree Plantation Abhiyan in the Institute premises
- g. Marathi Bhasha Din - Granth Dindi Ayojan (Active Participation)
- h. Equivalence Committee Member – For the courses P11 to P16 Scheme
- i. Judge for National Level Online Project Competition 2020, organized by Dept. of Computer Engg., G.P. Mumbai
- j. Evaluator during Online Paper Writing Competition hosted by Dept. of Electronics Engg., G.P. Mumbai
- k. Directorate Regional Office Mumbai Activities:
 - Committee Member - “Scholarship for Higher Education in Foreign to Meritorious Students” under this plan enquiry of selected students (domestic)
 - Committee Member – Inspection at Athrava school of Business, Malad, Mumbai
 - Enquiry Committee Member - B-Arch, First Yr Admission at J. J. School of Architecture, Mumbai.
 - Enquiry Committee Member – MBA, First Yr Admission (Inst. Level) at Sydenham College of Management, Curchgate, Mumbai
- l. MSBTE Activities:
 - Chairman of Three Member Committee – Summer-2019 exam RRAC three-member committee.
 - Workshop for development of lab manual- EEC
 - Preparation of QP Profile & Sample QP- PSOC
 - Committee Member – Workshop to prepare Learning Material for the course EETE
 - Committee Member – Under Community college, Student’s exam related enquiry for the course ‘Electronics & Electrical Appliances Repairs – Level-III (G.P. Ambad)
 - Committee Member - Regarding Updation of Approval Process Manual for State Govt. Approved Short Term Courses
 - Enquiry Committee Member - Indian Institute of Cosmetology Trichology Nutrition Pvt. Ltd. (IICTN) Andheri, Mumbai
 - Judge - “PRAVINYA 2020” A state Level Technical Paper Presentation Competition (sponsored by MSBTE) at Pravin Patil College of Diploma Engg. & Technology at Bhayander (E), Thane
 - Appointment as a Paper Setter Offline/Online (SGP-22524, ETEE - 22628)
 - Appointment as a Course expert for QB preparation for prerequisite test for courses EE16206, EE16209, EE16212 & EE16403
 - Appointment as a Course expert for QB preparation for Co exit test for courses EE16305 & EE16404
 - Appointment as a Course expert for moderation of QB for courses EE16211,

EE16306, EE16405

- Expert Committee Member: To discuss & decide about the Spoken Tutorial Software Training Program run by IIT Mumbai

m. Other Institute Activities:

- Copy Case Enquiry Committee Member - Govt. Inst. Of Printing Technology (Even & Odd Sem)
- Exam Squad Member - St. Xaviers Technical Inst. Mahim, Mumbai (Odd Sem)
- Appointment of the External Examiner - St. Xaviers Technical Inst. Mahim, Mumbai (Even & Odd Sem)
- Expert lecturer conducted at G.P. Gadchiroli on “Power Quality”.

Portfolios handled at Department Level (Last 3 years):

- a. CDC In-charge (P-19 Curriculum, P-16 Curriculum)
- b. CEP Coordinator – IBMS Course
- c. Consultancy In-charge (Revenue Generation)
- d. Lab In-charge of Switchgear & Protection Lab
- e. PBOS / BOS meeting activity Incharge
- f. Examination Cell –
 - Setting of Question Paper, Moderation, Assessment, Re-assessment, Exam duty.
 - Committee Member – Enquiry for the Discrepancy in the QP
- g. Industry Visit & Expert Lecturer Organization.
- h. Industry Based Project Coordination (Omnific Solutions) & Project Guide
- i. NBA-Criterion – 4 In-charge
- j. Committee Member: Swachhata Abhiyan
- k. Committee Member: Students Induction Pr.
- l. Committee Member: School Connect Prog
- m. Committee Member: CSR activity
- n. Yoga In charge

Keep less expectation from others and progress with happiness