Faculty Profile



1. Name of Faculty: Dr. Mahesh Sakharam Narkhede
2. Present Position : Lecturer in Electrical Engineering
3. Address : Government Polytechnic, Mumbai
4. Mobile No. : 9423184340
5. E-Mail Id : msnarkhede@ymail.com
6. Date of joining (Govt of Maharashtra) : 01.08.2001

 (Govt. Poly. Mumbai) : 28.07.2015

1. Total Teaching Experience in years: 21
2. Memberships of professional organizations/Bodies :AMIE, LMISTE

**QUALIFICATIONS: (Graduation and Onward)**

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| **Sr.** **No.** | **Degree** | **University** | **Class Award** | **Year of Passing** |
| 01 | BE (Electrical) | Pune | First | 1992 |
| 02 | ADCSSAA | MSBTE | First | 1997 |
| 03 | ME | Panjab | First | 2010 |
| 04 | PhD (Virtual Power Plant) | Panjab |  | 2016 |

**CAREER DETAILS:**

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| **Sr. No.** | **Organization** | **Designation** | **Duration** | **Period** | **Work Done in Brief** |
| 01 | Ovac Switchgear Services, Nasik | Service Engineer | 1992-1993 | 1 Year | Worked as a Service Engineer for 33kV, 220kV, 400kV SF6 Gas Circuit Breakers.  |
| 02 | Carbon Everflow Ltd, Nasik | Maintenance Engineer | 1993-2001 | 8 Years | Operation and maintenance of PLC operated Batch Weighing System, Hydraulic Extrusion press, Material handling systems and related instrumentation, Boilers, Oil fired furnaces, Recto-formers, DG sets, EOT Cranes, Lathes and CNC lathes. |
| 03 | Government ITI (Girls), Nasik | Principal | 2001-2001 | 3 Months | Administration |
| 04 | Government Polytechnic | Lecturer | 2001 – Till Date | Till Date | In charge HOD (Electrical ) , In charge HOD ( Computers ) , I/C Staff Development Cell, CEP Coordinator, Lecturer |

**TRAINING COURSES ATTENDED:**

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| **Sr.No** | **Training Name** | **From Date** | **To Date** | **Organization** | **Period** |
| 1 | DACUM WORKSHOP | 11/03/2002 | 19/03/2002 | CANADA INDIA INSTITUTE INDUSTRY LINKAGE PROJECT (CIIILP) | 2 Weeks |
| 2 | TOTAL QUALITY MANAGEMENT | 15/07/2002 | 19/07/2002 | NITTTR, BHOPAL | 1 Week |
| 3 | PRACTICAL USE OF MATHEMATICAL MODELING AND SIMULATION  | 03/03/2003 | 08/03/2003 | MKCL,PUNE | 1 Week |
| 4 | DEVELOPMENT OF DEMAND DRIVEN TRAINING PROGRAMME WORKSHOP | 04/08/2003 | 25/08/2003 | CANADA INDIA INSTITUTE INDUSTRY LINKAGE PROJECT (CIIILP) | 4 Weeks |
| 5 | COMPUTER VISION | 01/03/2004 | 12/03/2004 | DR.BATU, LONERE, ***AICTE &*** ***ISTE*** | 2 Weeks |
| 6 | INDUCTION TRAINING PROGRAMME , PHASE- I | 07/06/2004 | 18/06/2004 | NITTTR, BHOPAL | 2Weeks |
| 7 | ISTE STTP- MECHATRONICS | 13/12/2004 | 24/12/2004 | NITTTR, CHANDIGARH &ISTE | 2 Weeks |
| 8 | REPAIR OF CELL PHONE & MICROWAVE OVEN | 05/09/2005 | 09/09/2005 | NITTTR, CHANDIGARH | 1 Week |
| 9 | WIRELESS COMMUNICATIONS & MOBILE COMPUTING | 06/02/2006 | 17/02/2006 | NITTTR, CHANDIGARH & ***AICTE*** | 1 Week |
| 10 | OFFICE AUTOMATION AND WEB DESIGNING | 18/09/2006 | 22/09/2006 | NITTTR, CHANDIGARH & GOVT.POLYTECHNIC,NASHIK | 1 Week |
| 11 | REPAIR & MAINTENANCE OF CONSUMER ELECTRONICS | 28/05/2007 | 01/06/2007 | NITTTR, CHANDIGARH | 1 Week |
| 12 | INDUCTION TRAINING PROGRAMME, PHASE- II | 27/08/2007 | 07/09/2007 | ***AICTE***, NEW DELHI & GOVT. POLYTECHNIC,NASHIK | 2 Weeks |
| 13 | DEVELOPMENT OF LIFE SKILLS | 22/10/2007 | 01/11/2007 | MSBTE, MUMBAI | 1 Week |
| 14 | DIGITAL SYSTEM DESIGN USING VHDL | 26/11/2007 | 30/11/2007 | NITTTR, CHANDIGARH | 1 Week |
| 15 | OPTICAL FIBERS & THEIR APPLICATIONS | 24/11/2008 | 28/11/2008 | NITTTR, CHANDIGARH | 1 Week |
| 16 | EDUCATION AUDITINIG & FEEDBACK MECHANISM FOR TECHNICAL INSTITUTES | 25/05/2009 | 29/05/2009 | NITTTR, CHANDIGARH | 1 Week |
| 17 | AUTOMATION IN INDUSTRIES | 25/04/2011 | 29/04/2011 | NITTTR, CHANDIGARH | 1 Week |
| 18 | VIRTUAL INSTRUMENTATION | 05/09/2011 | 09/09/2011 | NITTTR, CHANDIGARH | 1 Week |
| 19 | ENERGY MANAGEMENT | 19/09/2011 | 23/09/2011 | NITTTR, CHANDIGARH | 1 Week |
| 20 | MATLAB AND ITS APPLICATIONS | 14/11/2011 | 18/11/2011 | NITTTR, CHANDIGARH | 1 Week |
| 21 | SIGNALS AND SYSTEMS-ISTE WORKSHOP | 02/01/2012 | 12/01/2012 | NITTTR, CHANDIGARH | 2 Week |
| 22 | ADVANCES IN SEVICE ORIENTED ARCHITECTURE AND WEB SERVICES – ISSUES AND CHALLANGES | 03/09/2012 | 07/09/2012 | Pondicherry Engineering College, Puducherry | 1 Week |
| 23 | SOLID STATE CONTROL OF ELECTRIC DRIVES THROUGH ICT | 02/09/2013  | 06/09/2013 | NITTTR, CHANDIGARH | 1 Week |
| 24 | FACTS AND THEIR APPLICATIONS | 09/06/2015  | 13/06/2015 | G. H. RAISONI COE NAGPUR | 1 Week |
| 25 | RECENT TRENDS IN POWER ELECTRONICS, DRIVES AND STORAGE TECHNOLOGIES FOR EMERGING APPLICATIONS | 05/10/2015 | 09/10/2015 | VJTI , MUMBAI | 1 Week |
| 26 | NBA AND CURRICULUM DEVELOPMENT | 18/4/2016 | 22/4/2016 | NITTTR BHOPAL, GP MUMBAI | 1 Week |
| 27 | REFRESHER TRAINING PROGRAMME FOR OFFICERS OF HIGHER TECHNICAL EDUCATION DEPARTMENT | 17/10/2016 | 21/10/2016 | YASHADA, PUNE | 1 Week |
| 28 | FOUNDATION PROGRAMME IN ICT FOR EDUCATION | 03/08/2017 | 07/09/2017 | IIT BOMBAY | 2 Week |
| 29 | HANDS ON PRACTICES IN LabVIEW | 20/11/2017 | 24/11/2017 | NITTTR, CHANDIGARH | 1 Week |
| 30 | INDUSTRIAL AUTOMATION PRACTICE THROUGH ICT | 15/01/2018 | 19/01/2018 | NITTTR CHANDIGARH, GP MUMBAI | 1 Week |
| 31 | INDUSTRIAL AUTOMATION AND CONTROL | JAN 2018 | APRIL 2018 | NPTEL, IIT KHARAGPUR | 12 Week |
| 32 | BIG DATA AND HADOOP CLUSTER ADMINISTRATION | 11/03/2018 | 15/03/2018 | GP MUMBAI | 1 Week |
| 33 | PROBLEM BASED LEARNING | 25/06/2018 | 29/06/2018 | NITTTR KOLKOTA, GP MUMBAI | 1 Week |
| 34 | INTERACTIVE VIRTUAL LEARNING FOR INDUSTRIAL AUTOMATION | 16/07/2018 | 17/07/2018 | COEP | 2 DAYS |
| 35 | INDUSTRIAL AUTOMATION AND CONTROL | JAN 2018 | APRIL 2018 | NPTEL, IIT KAHRAGPUR | 12 WEEKS |
| 36 | REAL TIME POWER SYSTEM ANALYSIS AND SMART GRID | 01/10/2018 | 20/01/2019 | SWAYAM, NITTTR CHANDIGARH | 16 WEEK |
| 37 | INDUSTRIAL TRAINING | 14/02/2019 | 16/02/2019 | M/S.STRAMA MACHINE  | 3 Days |
| 38 | NBA Accreditation | 22.04.2019 | 26.04.2019 | NITTTR , Kolkota | 1 Week |
| 39 | Laboratory Safety Management | 23.09.2019  | 27.09.2019 | NITTTR , Kolkota | 1 Week |
| 40 | Transferring Teaching and Learning Process through Modern Pedagogical Techniques | 10.01.2020 | 08.03.2020 | Government Polytechnic , Jalgaon | 8 Week |
| 41 | IoT | 10.04.2020 | 14.04.2020 | NITTTR, Chandigarh | 1 Week |
| 42 | Neural Network and CNN | 14.04.2020 | 18.04.2020 | NITTTR, Chandigarh | 1 Week |
| 43 | Moodle Learning Management System | 25.04.2020 | 30.04.2020 | Spoken Tutorial IIT Bombay | 1 Week |
| 44 | Linux Applications in Engineering Education | 27.04.2020  | 01.05.2020 | NITTTR, Chandigarh | 1 Week |
| 45 | TEQIP -IIIsponsored ICT enabled Faculty Development Program on EnergyConservation and Management | 27.04.2020 | 01.05.2020 | Guru Nanak Dev Engineering College, Ludhiana | 1 Week |
| 46 | Environment and Sustainable Development | 18.05.2020  | 22.05.2020 | NITTTR, Chandigarh | 1 Week |
| 47 | Communication Skills and Personality Development | 27.07.2020 | 23.08.2020 | Government Polytechnic, Hingoli | 4 Week |
| 48 | Overview of SAP Business One ERP | 05.10.2020 | 17.10.2020 | Government Polytechnic, Mumbai | 1 Week |
| 49 | AICTE-ISTE approved Orientation / Refresher online programme on Improving Excellence In Teaching | 24.04.2021 | 30.04.2021 | AP COE,Pune | 1 Week |
| 50 | ICT Tools for Teaching and Learning 2 | 28.06.2021 | 02.07.2021 | NITTTR Kolkota | 1 Week |
| 51 | Electrical Safety | 14.06.2021 | 04.07.2021 | National Safety Council | 3 Week |
| 52 | Robotics Process Automation | 23.08.2021 | 03.09.2021 | NIELIT Aurangabad | 2 Week |

**Publications :** Published 8 papers in National / International Conference/ Journals. A paper “Modified Hybrid Wavelet-PSO-ANFIS Approach for Short-Term Electricity Prices Forecasting” in International Conference on Recent Advances and Trends in Electrical Engineering (RATEE-2014), Chandigarh received Best Paper Award.

**Specialization/ Area of Interest:** Specialization in Industrial Automation ( NPTEL Certification).Up till now conducted more than 20 Faculty Development Programmes for the faculties of Polytechnics . Conducted state level online paper presentation competition first of its kind for polytechnic students during Pandemic situation. Developed a Massive Open Online Course (MOOC) on Industrial Automation for students.

**Portfolios handled at institute level(Last 3 years):** CEP Coordinator

**Portfolios handled at department level(Last 3 years):** Laboratory In charge ( Computers, Electrical Measurement and Basic Electronics)