

Pratap N. Deshmukh

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Academic Qualifications:

| Sr. No. | Degree held | Specialization | Name of University/College | Year of Passing | Percentage(%) / Grade |
|----------------|--------------------|--|-----------------------------------|------------------------|------------------------------|
| 1. | M.E. | Production(Manufacturing & Automation) | Pune University/D.Y.Patil Akurdi | 2013 | 7.60 CGPA |
| 2. | B. E. | Prodcution Engineering | Pune University/V.I.T Pune | 2006 | 65.06 |
| 3. | Diploma | Prodcution Technology | MS-BTE/BVJNIOT,Pune | 2003 | 69.64 |

Details of Teaching Experience (in reverse chronological order): Experience [Teaching]: 7.10 yrs

| Sr. No | Designation / Post held | Period | Name of Institute | Nature of Appointment |
|---------------|--------------------------------|--------------------|--|------------------------------|
| 1. | Lecturer | Aug 2009-Aug 2010 | Bharati Vidyapeeth's College of Engineering,Pune | UGC Order(Probation) |
| 2. | Asst Professor | Aug 2010-July 2012 | Bharati Vidyapeeth's College of Engineering,Pune | UGC Order |
| 3. | Asst Professor | Aug 2012-Dec 2016 | RMD-SSOE ,Warje | Management Order |
| 4. | Asst Professor | Dec 2016-till date | RMD-SSOE ,Warje | UGC Order(Probation) |

Details of Industrial Experience (in reverse chronological order) Experience [Industry]: 2.6 yrs

| Sr. No | Designation / Post held | Period | Name of Employer | Nature of Appointment |
|---------------|--------------------------------|--------------------|---------------------------|-------------------------------|
| 1. | GET(graduate Engineer Trainee) | Dec 2006-May 2007 | Turbo Gears Ind. Pvt Ltd. | Management Trainee(Probation) |
| 2. | Assistant Manager | May 2007-July 2009 | Turbo Gears Ind. Pvt | Permanent |

Publications/conference/Paper Published in National/International Journal:

- **“Development and Analysis of Electrospun Nanofibers for Filtration Applications”**for 1st International Conference on Functional Materials for Defence ICFMD-2012, 18-20th May 2012. At Defence Institute of Advance Technology, Khadakwasla Pune, India. By P.N. Deshmukh, Dr.S.M. Shendokar
- **“Low Cost Manufacturing of 1-D Nanostructures Using Electrospinning”**, An International Conference on PRECISION, MESO, MICRO, AND NANO ENGINEERING On December 10-11, 2011 at College of Engineering., Pune, By P.N. Deshmukh, Dr.S.M. Shendokar
- **“Evaluation of Crashworthiness for SAE Materials under Ductile to Brittle Transition Temperature (DBTT)”** International Journal of Engineering and Technology (IJET) ISSN : 0975-4024, Vol 6 No 5, page no. 2129-2135, Oct-Nov 2014 by Amol Bhanage, Nilesh Satonkar, Pratap Deshmukh, Rupesh Sundge
- **“Design and Implementation of Automated Emergency Breaking System in modern vehicles by modifying brake pad assembly”** International Journal of Research in Engineering & Advanced Technology ISSN: 2320 – 8791 with IF 1.5
- **“Design Improvement of Handle Bar Assembly of an Automobile using FEA”** International Journal of Engineering sciences and Research Technology (IJESRT) ISSN : 2277-9655 Scientific journal IF 3.44 and Other IF 1.8
- **“Effects of Dimensional Tolerances on ogive shaped casing”** International Journal of innovative research in Science, Engineering and Technology. ISSN(Online): 2319-8753 ISSN(Print): 2347-6710, Vol 5, Issue, 5, May 2016, IF 5.442
- **“Design, Optimization and stiffness Analysis of DE Adaptor for Alternator”** International Journal of innovative research in science, Engineering and technology. ISSN(Online): 2319-8753, ISSN(Offline) 2347-6710, Vol 5, Issue 6, June 2016.
- **“Asses, Analysis and Improve shift quality of five speed automated manual transmission for LCV”** International Journal of innovative research in science, Engineering and technology. ISSN(Online): 2319-8753, ISSN(Offline) 2347-6710, Vol 5, Issue 6, June 2016.
- **“Numerical Simulation of Swirl decay in Turbulent Flow”** International Journal of innovative research in science, Engineering and technology. ISSN(Online): 2319-8753, ISSN(Offline) 2347-6710, Vol 5, Issue 6, June 2016.

Achievements: - In Academics

- Mission 10X(Wipro) level one and two certification completed

Achievements: In Company

- Successfully developed 15 components in NPD.
- Cycle time reduction on grinding machine to improve production by 20 %.
- Setup time reduction ID/OD Grinding operation which has improved machine and operator utilization.
- Win Award of 10000/- for Good performance.