



Akhil Bharatiya Maratha Shikshan Parishad's  
Anantrao Pawar College of Engineering & Research, Parvati, Pune  
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Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University  
Savitribai Phule Pune University Identification No. PU/PN/Engg. /441/2012, DTE CODE:- EN 6794

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## Faculty Profile



**Prof. Aditya R. Wankhade**  
**MTECH In production Engineering**  
**Experience: 8 Years**  
**Area of specialization- Industrial Engineering, manufacturing**  
**,Six Sigma, Quality control and Quality tools**  
**Subject taught- MP-I ,MP-II, MQC, OR,DME-1, EMM, IE**  
**AND MP.**

[wankhade.aditya@rediffmail.com](mailto:wankhade.aditya@rediffmail.com),  
[adityawankhade28@gmail.com](mailto:adityawankhade28@gmail.com)

Department of Mechanical Engineering

### International Journal Publication Papers:

1. Published A Paper on “ Design of Solar Powered Electric Rickshaw ” in IJRET, June 2020.
2. Published A Paper on “ A Review on design and development of a duel axis solar tracker using parabolic solar panel ” in HERB Publication.
3. Published A Paper on “ Design and manufacturing of liquid carbon dioxide filling machine INS-shikra ” in JETIR, Jan 2019 volume 6, Issue 6( ISSN-2349-5162)
4. Published A Paper on “ Renewable Energy Present Scenario and Ruler Perspectives- Review ” Jan 2019 volume 6, Issue I ( ISSN-2349-5162)
5. Published A paper on “*Detailed investigation, Analysis and Implementation for Improving Quality and Productivity in Rolling Mill Unit*” in IJEIT journal ISSN:-2277-3754,Vol.2 ,Issue 9, March 2013.

6. Published A paper on “*Static Structural Analysis & Optimization of Concept Automotive A-Arm*” published in IJRTER journal Volume 3, Issue 12; December 2017.

#### **International Conference :**

- 1 A paper presented and published on “*An application of Six Sigma in service sector-A case study*” in international conference MANTHAN 2014, at Agnihotri college Engg. Wardha.
- 2 A paper presented and published on “*Application of four wheel steering*” in international conference MANTHAN 2014, at Agnihotri College Engg. Wardha.

#### **National Conference Papers:**

- 1 A paper presented and published on “wind power generation using magnetic levitation” in National conference on National conference on technical revolution [NCTR-2018] , At Anantrao pawar college of Engineering and Research ,Parvati ,Pune
- 2 A paper presented and published on “*Fabrication of Microcontroller based Automatic Cleaning of Solar Panel; A Review*”in National conference on New Trends In Mechanical Engineering [NCNTME-2017] , At D.Y .Patil School of Engineering Academy, Talegaon ,Pune
- 3 A paper presented and published on “*Overall Equipment Effectiveness Improvement by TPM and 5S Techniques in a CNC Machine shop*”in National conference on New Trends In Mechanical Engineering [NCNTME-2017] , At D.Y .Patil School of Engineering Academy, Talegaon ,Pune
- 4 A paper presented and published on “*Efficiency Calculation of Two Wheeler using shaft drive*” in National conference on New Trends In Mechanical Engineering [NCNTME-2017] , At D.Y .Patil School of Engineering Academy, Talegaon ,Pune
- 5 Presented Paper on “*Understanding Implementation of Six Sigma DMAIC Methodology*” in National Conference on Improving Productivity & Quality of Manufacturing System Nov.2012 in GHRCE. Nagpur
- 6 Presented Paper on “*Six Sigma Process Improvement Through Variation Reduction*” in National Conference on Advances in Engineering Technology in (Spandan), Feb-2012 YCCE Nagpur.

- 1 Presented Paper on “*Six sigma implementation for Process Improvement-Review*” in All India seminar on quality Progress 23-24 Feb. 2013, Nagpur

#### **Workshop/Webinars/STTP/FDP Organized:**

1. 1 Day workshop on Basics of 3D Printing Design and application Programming on 26/10/2020
2. 1 Day workshop on CNC Programming on 17/5/2020
3. 1 Day workshop on Electric Vehicle -Career And Business Opportunity on 26/5/2020
4. 1 Day Webinar on Indian and International Automotive Regulation Overview on 30/5/2020

#### **Workshop/Webinars/STTP/FDP Attended:**

1. Attended online Training Session on “Industrial Safety management” Organized by Department of Mechanical Engineering and Training and placement Cell and ISTE Institute Chapter Guru Govind Singh College of Engineering and research Centre, Nashik on 06/7/2021
2. Attended ATAL FDP on “Molecular Manufacturing” Organized by Veermata Jijabai technological institute, from 21/6//2021-25/06/21
3. Attended ATAL FDP on “Product Design and Development” Organized by Govt. College of Engineering Chandrapur, from 14-6-21 To 18-06-2021.
4. Attended ATAL FDP on “ 3D Printing and design ” Organized by Bharati Vidyapeeth College of Engineering , Pune on from 14-9-20 To 18-09-2020.
5. Attended ATAL FDP on “ Waste Management and its impact on Environment ” Organized by Sandeep Foundation from 20-7-20 To 25-07-2020.
6. Attended ATAL FDP on “ Data Science” Organized by Makhanlal Chaturvedi national University of journalism and communication from 7-9-20 To 11-09-2020.
7. Attended on week lectures series on “Mechanical Behaviour”
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34. Syllabus implementation of BE 2015 pattern on 'Tribology' at Imperial college of Engineering , wagholi on 20/02/2018
35. Syllabus implementation of BE 2015 pattern on 'Operation Research' at ZEEL college of Engineering ,Narhe on 3/07/2018.

**Subject Taught:**

Sr.no	subjects	year	Result
1	MP1	2017-18	43.90 %
2	MP2	2017-18	97%
3	OR	2017-18	100%
4	OR	2018-19	63%
5	MP1	2018-19	28%
6	MP2	2018-19	92.31%
7	IE	2018-19	100%
8	MP1	2019-20	90.57%
9	OR	2019-20	100%
10	IE	2019-20	100%
11	MP2	2019-20	100%
12	EMM	2020-21	97.91%
13	OR	2020-21	100%
14	IE	2020-21	100%
15	MP	2020-21	100%
16	DME	2021-22	100%
17	OR	2021-22	100%
18	EMM	2021-22	
19	IE	2020-21	
20	MP	2020-21	