

## Mallikarjun Basavraj Awate

Assistant Professor (Mechanical Engineering)  
NK Orchid College of Engineering & Technology,  
Solapur-413002, Maharashtra, India.

**Contact Number:** +91-9975262107, +91-8888883667

**Email:** [mbawate4u@gmail.com](mailto:mbawate4u@gmail.com)

**Date of Birth & Sex:** 01.12.1984, Male

**Marital Status:** Married

**Languages Known:** English, Hindi, Marathi, Kannada.



### EDUCATIONAL QUALIFICATIONS

Degree	Institute	Percentage	Year
M. E. (Design Engineering)	W.I.T. Solapur, Maharashtra, India	70.91%	November-2013
B. E. (Mechanical Engineering)	College of Engineering Pandharpur, Maharashtra, India	63.52%	July-2009

### EXPERIENCE

Institute	Year (from-to)	Designation
Nagesh Karajagi <i>ORCHID</i> College of Engineering & Technology, Solapur	01.06.2011 till date	Assistant Professor
Brahmdevdada Mane Polytechnic, Belati, Solapur	01.06.2010 to 31.05.2011	Lecturer

### SUBJECTS TAUGHT

1. Machine Design –I	5. Machine Drawing & Computer Graphics-II (AutoCAD 2010)
2. Machine Design –II	6. Energy Engineering
3. Analysis of Mechanical Elements	7. Basic Mechanical Engineering
4. Machine Drawing & Computer Graphics-I	8. Industrial Engineering

### SOFTWARE PROFICIENCY

- AutoCAD 2010

### PROJECTS

- “Finite Element analysis of Tires subjected to Static loads” at P.G. Level
- “Performance analysis of pump coupled with Gas Engine” at U.G. Level.

## PRESENTATIONS & CONFERENCES

- Presented Paper on “**Finite Element analysis of Tires subjected to Static loads**” in *International Conference* at MCCIA, Pune, India. (26<sup>th</sup> July 2013)
- Presentation Paper on “**FEM analysis of Gas Turbine Blade**” in *National Conference* at SIT, Lonavala, India. (25<sup>th</sup> & 26<sup>th</sup> February 2011)

## PUBLICATIONS

- Published paper on “**Design and Fabrication of Fertilizer Spreading Machine**” in *International Journal for Research in Applied Science & Engineering Technology*, Vol. 6, Issue 7, July 2018.
- Published paper on “**Vehicle Accident Prevention System Embedded with Alcohol Detector**” in *International Journal for Research in Applied Science & Engineering Technology*, Vol. 5, Issue 5, May 2017.
- Published paper on “**Design and Development of Combined unit for an Air-conditioning and Refrigeration and Simulation of Systems**” in *SS International Journal of Multidisciplinary Research*, E-ISSN: 2395-7964
- Published a paper on “**Finite Element analysis of Tires subjected to Static loads**” in *International Journal of Advances in Management, Technology & Engineering Sciences*.

## MEMBERSHIP

- Lifetime member of **ISTE**

## WORKSHOPS ATTENDED

- Successfully completed an AICTE approved Faculty Development Program (FDP 301x) on “**Mentoring Educators in Educational Technology**” conducted by Indian Institute of Technology, Bombay, India. (14<sup>th</sup> May to 5<sup>th</sup> July 2018)
- Successfully completed workshop on “**Train the Trainer**” under **Distance Ready-Engineers (DRE)** program by TATA Technologies, Pune, India. (7<sup>th</sup> & 8<sup>th</sup> October 2017)
- Successfully completed an AICTE approved Faculty Development Program (FDP 201x) on “**Pedagogy for Online and Blended Teaching Learning Process**” conducted by Indian Institute of Technology, Bombay, India (14<sup>th</sup> September to 12<sup>th</sup> October 2017).
- Successfully completed an AICTE approved Faculty Development Program (FDP 101x) on “**Foundation program in ICT for education**” conducted by Indian Institute of Technology, Bombay, India. (3<sup>rd</sup> August to 7<sup>th</sup> September 2017)
- Participated in 1-week Workshop on “**Matlab & Simulink**” at SKNCOE, Pune, India. (5<sup>th</sup> to 10<sup>th</sup> December 2016)

- Successfully completed workshop on “**Train the Trainer**” under **Distance Ready-Engineers (DRE)** program by TATA Technologies, Pune, India. (11<sup>th</sup> to 13<sup>th</sup> December 2014)
- Attended two weeks *ISTE* workshop on “**Fluid Mechanics**” conducted by Indian Institute of Technology, Kharagpur, India. (20<sup>th</sup> to 30<sup>th</sup> May 2014)
- Attended two weeks *ISTE* workshop on “**Engineering Mechanics**” conducted by Indian Institute of Technology, Bombay, India. (26<sup>th</sup> November to 6<sup>th</sup> December 2013)
- Attended two weeks *ISTE* workshop on “**Applied Thermodynamics**” conducted by Indian Institute of Technology, Bombay, India. (11<sup>th</sup> to 21<sup>st</sup> December 2012)
- Attended two weeks *ISTE* workshop on “**Introduction to Research Methodology**” conducted by Indian Institute of Technology, Bombay, India. (25<sup>th</sup> June to 4<sup>th</sup> July 2012)
- Attended one week *AICTE* sponsored workshop on “**Persona for Effective Teaching**” conducted by Walchand Institute of Technology, Solapur, India. (21<sup>st</sup> to 25<sup>th</sup> June 2011)

#### **ONLINE COURSES**

- Successfully completed NPTEL Course on “**Laws of Thermodynamics**” (July-August 2017)

#### **EXPERT TALKS**

- Delivered Expert lecture on “**Financial Management**” at SSWP, Solapur India on February 14, 2018.
- Delivered Expert lecture on “**Interview Techniques & Group Discussion**” at SSWP, Solapur India on June 25, 2016.
- Delivered Guest lecture on “**Personality Development & Interview Techniques**” at SSWP, Solapur India on December 27, 2014
- Delivered Guest lecture on “**Design of Machine Elements**” at BM Polytechnic, Solapur, India on March 06, 2014
- Delivered Expert lecture on “**Antifriction Bearing & Ergonomics, Aesthetic Consideration in Design**” at SVSMD’S Polytechnic, Akkalkot India on February 13, 2014.

#### **INDUSTRIAL TRAINING**

- Completed 2-week industrial training at **M/S Saurabh Flexipack Systems Pvt. Ltd.** Pune, India. (12.06.2017 to 26.06.2017)
- Completed 1-week industrial training at **Central Railway Workshop, DRM Office, Solapur**, India. (15.06.2016 to 21.06.2016)
- Completed 2-week industrial training at **Thermax Ltd. Enviro Division, Solapur**, India. (22.12.2015 to 31.12.2015)

### **ADDITIONAL RESPONSIBILITIES**

- Working as **Sports In-charge** from 01.06.2011 till date at N.K.O.C.E.T, Solapur, India.
- Appointed as an **External Examiner** by Solapur University for subject “**Computer Aided Machine Drawing**” at BMIT, Solapur, India on November 3, 2018
- Appointed as an **External Examiner** by Solapur University, Solapur India for subject “**Machine Design-II**” at NBNSCOE, Solapur, India on November 1, 2018
- Worked as certified Trainer for **Distance Ready-Engineers (DRE)** program by TATA Technologies, Pune, India.

### **DECLARATION**

*I hereby declare that the information and facts stated above are true and correct to the best of my knowledge and belief.*

*(References available on request)*