

<b>Name</b>	<b>MR. SUMIT S. MALUSARE</b> <b>ME(Machine Design), Mechanical</b>
<b>Designation</b>	Assistant Professor
<b>Department</b>	MECHANICAL ENGINEERING
<b>Date of Joining the Institute</b>	21/07/2008
<b>Education</b>	BE( Mechanical Engineering),FAMT,Ratnagiri ME(Machine Design),FAMT,Ratnagiri
<b>Branch / Specialization</b>	Machine Design
<b>Areas of Interest</b>	Theory of machines, Gear design, Assembly design
<b>Email</b>	Sumit.malusare@famt.ac.in



### Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
<b>Finolex Academy of Management and Technology, Ratnagiri</b>	<b>From 21/07/08 to till date</b>	<b>Assistant Professor</b>

**Total Experience – 9 Years**

### Students projects Guided at Masters Level

1. Brake parameter analysis.
2. Effect of addendum modification on gear performance

### Seminars/Lecture/Invited Talks Conducted

1. Conducted guest lecture on **“Education and Opportunities Abroad”** held on **16<sup>th</sup> August 2017** at **Finolex Academy of Management and Technology, Ratnagiri.**
2. Conducted workshop on **“Mechanical Equipment Design Using Solid Works”** held on **25<sup>th</sup> & 26<sup>th</sup> March 2017** as a resource person at Finolex Academy of Management and Technology Ratnagiri organized by Department of Chemical Engineering.

3. Conducted workshop/Technical visit for “**Students of Diploma in Fisheries Engineering Program**” on 30<sup>th</sup> Oct 2015 at Finolex Academy of Management and Technology Ratnagiri.

## Papers Published

### Papers Presented/Published in National / International Journals - 01

#### International Journals – 02

1. Paper presented titled “**Stress Analysis of Meshing Gears with Addendum Modification**” in 3<sup>rd</sup> international conference on Latest Innovations in Science, Engineering and Management, Vol 06, issue 02, February 2017.

### Papers Presented/Published in National/ International Conferences - 2

#### International Conferences – 02

- 1 Paper presented titled “Review of Magneto rheological Fluid and its Applications” In International Journal of Advances in Management, Technology and Engineering Sciences, IJAMTES, Vol. 2, Issue 9 (III), pp. 99 – 103, June 2013.
2. Paper presented titled “**Stress Analysis of Meshing Gears with Addendum Modification**” in 3<sup>rd</sup> international conference on Latest Innovations in Science, Engineering and Management, Vol 06, issue 02, February 2017.

### Number of Workshops, Seminars, STTPs, FDPs Attended – 31

#### STTPs and FDPs

- 1 Attended One Day workshop on ‘**Six Sigma: An Overview**’ Conducted by Mechanical Engineering Department at FAMT, Ratnagiri, held on 13<sup>th</sup> April 2012.
- 2 Attended 2 Day ISTE Workshop for Teachers on “Aakash for Education” Conducted by IIT Bombay under the National Mission on Education through ICT held on 10 and 11 th November 2012.
- 3 Attended Two week workshop on “Introduction to Research Methodology” Conducted by IIT Bombay under the National Mission on Education through ICT held on 25 June to 04 July, 2012-2016
- 4 Attended Two week workshop on “Fluid Mechanics” Conducted by IIT Bombay under the National Mission on Education through ICT held on 20 May to 30 May, 2014.

#### Two Week or One Week Workshops

#### Workshops

- 1 Attended **One Week Workshop** on “**Funding Schemes Available for Research Proposals**” Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri from 13<sup>th</sup> February to 23<sup>rd</sup> April 2016
- 2 Attended One Day workshop on ‘**Six Sigma: An Overview**’ Conducted by Mechanical Engineering Department at FAMT, Ratnagiri, held on 13<sup>th</sup> April 2012.
- 3 Attended 2 Day ISTE Workshop for Teachers on “Aakash for Education” Conducted by IIT Bombay under the National Mission on Education through ICT held on 10 and 11<sup>th</sup> November 2012.
- 4 Attended Two week workshop on “Introduction to Research Methodology” Conducted by IIT Bombay under the National Mission on Education through ICT held on 25 June to 04 July, 2012-2016
- 5 Attended Two week workshop on “Fluid Mechanics” Conducted by IIT Bombay under the National Mission on Education through ICT held on 20 May to 30 May, 2014.

### Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

### College Exam Duties

1. Worked as an **CAP coordinator** for the 2016 paper assessment at **FAMT ENGG CAP**.
2. Worked as departmental organizing **committee member** in 2<sup>nd</sup> National Conference on “**Recent Advances in Science and Technology**”
3. Worked as Assistant **Senior Supervisor** of **engg 2010 Winter Exam**.

### Other Experience

#### College Level Committees

1. Result Analysis Committee.
2. NAAC Criteria V
3. Represented College in **Science Exhibition Organized by United School, Chiplun, Dec 2017**

#### Judge Panel / Staff Selection Committee / Subject Expert

1. Worked as a Judge for inter collegiate research festival “ AVISHKAR 2016-17” Held at Collage of Fishries ,Shirgaon, Ratnagiri, 30<sup>th</sup> Dec 2016.

## Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Machine Design II	BE MECH (Sem VII)	7 Years
2.	Mechanical Vibrations	TE MECH (Sem VI)	6 Years
3.	Power Plant Engineering	BE MECH (Sem VII)	4 Years
4.	Theory of Machines I	SE MECH (Sem IV)	4 Years
5.	Design of Mechanical Systems	BE MECH (Sem VIII)	3 Years
6.	Machine Drawing	SE MECH (Sem III)	3 Years
7.	Theory of Machines II	TE MECH (Sem V)	1 Years