



## Pravin S. Misal

**(BE Mechanical 2016) (M.Tech CAD CAM & Robotics 2016-18)**  
**(Design Engineer, Jitendra Electric Vehicles Pvt. Ltd. Nashik)**

Actively looking forward for an opportunity in Mechanical Industry where I can implement my engineering as well as industrial knowledge and contribute to company as well as my growth.



Phone: +91 8087537383



Email ID:

[misal.gaurav53@gmail.com](mailto:misal.gaurav53@gmail.com)



Address:

Pl. No. 53, Vadajmata  
Road, Panchwati, Nashik  
422003



[linkedin.com/in/pravin-  
misal-6b6b02138](https://www.linkedin.com/in/pravin-misal-6b6b02138)

### Field of Interest

To do Innovative Engineering  
Projects, Design, Product  
Design, CAD, CAE and Additive  
Manufacturing

### Training Accomplished

Solid Modeling, Assembly,  
Drafting, on PTC Creo, Solid  
Works & Catia V5, Wire frame  
& Surface Design on Catia V5,  
Drafting on Auto CAD

Ansys Workbench (Static &  
Transient Structural, Fatigue &  
Buckling Analysis, Modal &  
Harmonics analysis, Steady &  
Transient Thermal analysis)

Industrial Automation  
PLC Programming

Flexsim for Factory layout  
design, simulation & Production  
Planning



### Work Experience

- **Current Position since October 2018:** Design Engineer– Jitendra New Electric Vehicle Pvt. Ltd. Nashik Maharashtra  
Work on Design of two wheeler components and new project of electric motor bike design
- **Current Position since January 2018:** Part Time CAE Engineer and Trainer– Access CADD A Design Solution Company Nashik Maharashtra  
Work on Ansys 14.5 Static & Transient Structural, Fatigue, Buckling, Rigid Dynamics, Modal, Harmonics & Steady Transient thermal analysis
- **1 Month Internship (August 2017):** Trainee Design Engineer - Elmach packages Pvt. Ltd. Bhiwandi  
Worked on Parametrisation of cutting and perforating Punch and Die of Blister packing machine on PTC Creo and MS Excel



### Academic Projects

**BE Project:** Design and Development of Shell Ovality Checking Machine in Technoforce Solutions Pvt. Ltd. Nashik.

- Designed a machine to measure the inner radius of steam pipes of boiler along its length

**M.Tech Project: (3D Printing)** Design and Testing of Solutions to overcome the material and Printing Limitations of DLP and FDM Additive Manufacturing Technologies

Work Done: Market survey of AM.  
Comparative study of AM Technologies  
Finding out the list of Limitations of DLP and FDM technologies  
Sorting of critical limitations  
Studying existing solutions  
Designed and Tested new solutions to select the best



### Academic Details

Examination	Board/University/Institute	CGPI/%Marks
<b>M.Tech CAD CAM &amp; Robotics</b>	K J Somaiya College of Engineering, Mumbai	8.18
<b>BE Mechanical Engineering</b>	Savitribai Phule Pune University	63.66 % (First Class)
<b>HSC Science</b>	HSC Maharashtra	57.17 %
<b>SSC</b>	SSC Maharashtra	74.76 %