

# Prasad Tanaji Ovhal

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in prasad-ovhal

Currently pursuing M.Tech from University of Pune at Center for Modelling and Simulation. My objective is to excel in my field through research, skills, creativity and hard work with full dedication to achieve my personal goals as well as goals of the organization.

## Previous Employment

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- **SKF India Ltd**  
*Graduate Apprentice Trainee* *July 2015–July 2016*  
Led team in SKF . Worked as supervisor / channel team engineer. Application of lean manufacturing tools like 5 'S', TPM, SOP, SMED, Kaizen, OEE, CAPA, PDCA, 5 core tools, 7 QC tools.  
Received appreciation from HBU channel manager for reducing resetting time of channel New HUB.  
Received 2'S' certification in TRB/HBU pre/resetting department.  
**SKF Projects:**  
(1) Channel New HBU pre/resetting and tool management.  
(2) Assembly pre/resetting and tool management for channel T3, T4, T5, T6.  
(3) Standard operating procedure projects (20 projects).  
(4) Single minute exchange of die(SMED) project on channel T4, T2.  
(5) Kaizan implementation on channel T6.
- **Design Tech Systems Ltd.**  
*Internship* *November 2014–January 2015*  
Project done on Turbine assembly using UG NX and Meshing is done using hypermesh.

## Education

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### Academic Qualifications.....

- **M.Tech in Mathematical Modeling and Simulation**  
*Centre for Modeling and Simulation, Savitribai Phule Pune University* *2017–Present*
- **Bachelor of Engineering, Mechanical**  
*Pimpri Chinchwad College of Engineering, Savitribai Phule Pune University* *2011–2015*  
First Class (63.86 %)
- **HSC , Science**  
*Navmaharashtra Jr. College, Maharashtra Board* *2010–2011*  
First Class with distinction (82.17 %)
- **SSC**  
*Annasaheb Magar Madhyamik Vidyalaya , Maharashtra Board* *2008–2009*  
First Class with distinction (78.61 %)

## Certification : .....

- CATIA from Central Institute of Plastics Engineering and Technology (CIPET)
- UG NX from DesignTech CAD Academy
- Hypermesh from DesignTech CAD Academy

## Technical Skills

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- **Programming Languages:** C, R, Python , Scipy , Numpy , Matlab/Scilab, Netlogo.
- **Technical Knowledge:** AutoCAD, Solid Edge, Ansys (Basic), MS Office.

## Projects

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- **Ongoing Project:** *'Multi-Label Informed Feature Selection'*

Feature selection of multi-label problem to reduce its dimensionality ,using MIFS. Because of multi-labeling of data ,dimensionality increases which causes lot of problems like limitation to machine learning algorithm,increase in memory storage etc. We have to come with an efficient algorithm for feature selection, which is indeed Multi-Label Informed Feature Selection

- **BE final year project:** *'Fully automated "Human Hoist" for automobile workshops.'*

Design and manufacturing of automated human hoist for automobile workshop, One of the hardest thing about working on cars,whether they are daily drivers or weekend cruisers ,is the constant up and down and bending over the physical toll is difficult.The main objective behind this project is to reduce human effort which is work under beneath cars/buses by laying on floor which makes it a tedious job, so to overcome this human hoist came into picture.Its combination of rolling chair and a stretcher.

**Work done:** Linkage analysis using Adams , CAD model in UG NX , Analysis is also done in UG NX.

## Achievements and extra-curricular activity

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- Currently holding 11th rank in Analytics Vidhya's competition, Loan Prediction III.
- Secured third position for the event Project Competition in MECHFEST-2015 held at Pimpri Chinchwad College of Engineering, Mechanical department.
- Consolation prize in poster competition for Most Marketable Design held at Pimpri Chinchwad College of Engineering, Mechanical department.

## Personal Details:

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- **Date of birth:** 7th March 1994
- **Language Known:** Marathi, Hindi, English
- **Hobbies:** Reading Books, Solid Modeling.

**Date :**

**Place :**

**Prasad T. Ovhal**