



Mohit Nikhil Wagh

Towards becoming a Better Engineer

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A Mechanical Engineering Enthusiast, like to look for problems around and try to solve them. Believe in WIN-WIN philosophy. Want to be a part of a reputed engineering firm and gain overall knowledge and experience of working in a professional environment, thus developing my technical skills and using them in best interest to benefit the firm. Happy to join projects and ready to help as much as possible.

EDUCATION

B.Tech Mechanical Engineering 9.44 CGPA Vellore Institute Of Technology

2018 - 2022

12th CBSE 87.80 %

Indira National School, Pune

2017 - 2018

10th CBSE 96.20 %

Indira National School, Pune

2015 - 2016

MAJOR PROJECTS

Condition Monitoring and Fault Prediction using Machine Learning

Research Work at VIT

08/2019 - 08/2021

To predict the health condition of a (brake) system or any machine using vibration signals through signal conditioning and machine learning approach.

Achievements/Tasks

- Paper Published in International Journal of Physics
- L&T TECHgium Contest Technical Presentation (National)

Contact: Dr. Jegadeeshwaran R - Senior Prof. VIT University

Conflict & Stress Management at Workplace Project based on Organizational Behavior

10/2020 - 12/2020

A Management Project to handle Stress and Conflicts at the workplace by taking into account both theoretical and practical scenario (contacted HR of manufacturing firm). It was a great learning experience that helped me learn to lead, manage a team efficiently and also improve my communication skills.

Attended Webinar Series 15 weeks To Select Meaningful Engineering Projects

La Foundation DASSAULT SYSTEMES

06/2020 - 10/2020

Participated in value added program for Model-Based Design for Mechatronics and Robotics Systems using MATLAB & Simulink

VIT Chennai

12/2019 - 01/2020

CONTEST PARTICIPATION

- Flipkart Grid 2.0 Robotics Challenge
- Aakruti Product Design Contest
- Attended National Workshop to Achieve Carbon Neutrality
- Cognizant Big Idea Contest

SKILLS

PERSONAL : Time Management, Leadership, Planning,
Team Work, Presentation

COMPUTER : Basics of C++, Java, Python, MATLAB,
Microsoft Office

TECHNICAL : Basic 2D/3D Modeling, Analysis ANSYS,
Simulink, Machining (Fanuc)

OTHER PROJECTS

Sand Casting a Pattern and Critical Process Analysis

Store-IT - A Novel Storage and Retrieval Solution

Turning/Boring Fixture Design for Machining Truck Suspension
Rod Support

Plant Layout Design using TechnoMatix (Siemens)

TATA's Success in Hospitality (Taj) – A Case Study

CERTIFICATES

- CAREER EDGE Certification Course - TCS
- Certified SOLIDWORKS Associate - DASSAULT SYSTEMES
- Industry 4.0 & TQM Certification Course - Tata Steel
- Bearings Certification Course - Tata Steel
- Completed a NPTEL course on Introduction to
Airplane performance - IIT Kanpur

ACHIEVEMENTS

CBSE Nationals at Surat, Gujarat in 2014 Athletics
(100m, Relay 4*100m)

LANGUAGES

Marathi
Native or Bilingual Proficiency

Hindi, English
Full Professional Proficiency

INTERESTS

• Observing the surroundings, nature, communicating with new
people and exchanging ideas, issues and ponder to find
effective solutions.

• Playing and Watching Sports