



# VEDANG ANAND KORDE

B.E. - Mechanical Engineering

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Nagpur, Maharashtra, India - 440024

## BRIEF OVERVIEW / CAREER OBJECTIVE / SUMMARY

To pursue a rewarding career, seeking a job in challenging and healthy work environment demanding my skills and efforts to explore and adapt myself in different fields.

## KEY EXPERTISE / SKILLS

C Python Core Java CATIA SolidWorks

## EDUCATION

**Yashwantrao Chavan College of Engineering, Nagpur**

2018 - 2022

B.E. - Mechanical Engineering | CGPA: 7.07 / 10.00

**Shri Niketan Uchcha Madyamik Vidyalaya, Nagpur**

2017

12<sup>th</sup> | Nagpur | Percentage: 74.31 / 100.00

**Montfort School, Nagpur**

2015

10<sup>th</sup> | CBSE | CGPA: 8.40 / 10.00

## INTERSHIPS

**MeshMatrix**

Academic Intern

01 Jan, 2022 - 30 May, 2022

**Key Skills:** Hypermesh Hyperworks FEM CAE

FEM, Meshing of 1D, 2D and 3D elements was carried out on different elements which was followed by the different types of analysis.

## PROJECTS

**Dynamic Crash Analysis on Car Chassis**

01 May, 2022 - 30 May, 2022

**Mentor:** Prashik Nagdeve

**Key Skills:** Hyperworks HyperMesh FEM Finite Element Analysis

Dynamic crash analysis was conducted against a rigid wall by considering that car body is made up of steel material.

**Design And Fabrication Of Electric Scooter**

**Mentor:** G M Dhote

**Key Skills:** SolidWorks Research ANSYS

The project deals with the design and fabrication of an Electric scooter. As the initial step, a literature survey on related systems and projects was conducted. Then the concept was converted in 3D model using requisite design procedure. Material selection was carried with rigorous literature review and understanding the practical applications. Analysis for its suitability was carried out with ANSYS which shows good result. Afterwards, fabrication was carried out to check the performance of the scooter in actual practice. Results are very impressive, as we were able to achieve the objectives.

## ASSESSMENTS / CERTIFICATIONS

**Introduction to Programming with MATLAB**

**Key Skills:** MATLAB

MATLAB provided a better solution for the computational modeling and simulation which was easier with the mathematics and has easier codes to understand and employ for the solutions for the transfer of heat in a visual format.

**Autodesk CADD for Manufacturing Specialization**

**Key Skills:** Fusion 360

Use of Autodesk Fusion 360 for Practical CNC Machining, 3-Axis Machining, Creating Toolpaths for a CNC Lathe and Multi-axis CNC.

**Programming for Everybody (Getting Started with Python)**

CO-CURRICULAR ACTIVITIES

- Worked as Member of Event publicity team, Mechfiesta (Departmental annual fest) at Yeshwantrao Chavan College of Engineering.

PERSONAL INTERESTS / HOBBIES

- Hobbies include listening to music, watching and playing football, cricket

IMs

- WhatsApp - 9011101752

PERSONAL DETAILS

**Gender:** Male

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,Nagpur, Nagpur, Maharashtra, India - 440024

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