

PARTH GAUSWAMI

MECHANICAL ENGINEER

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CAREER OBJECTIVE:

To leverage my CAD modeling and mechanical design skills to develop efficient solutions in the production sector, while ensuring the quality of product for company growth and advancement.

EDUCATION:

B.E Mechanical Engineering With Minor In NDT Techniques

2022-2026

Government engineering college, Gandhinagar, sector 28.

Higher Secondary Education

2020-2022

K.K. high school, Savarkundala

EXPERTISE:

CAM,
CAD, GD&T,
Manufacturing Techniques,
Product Life Cycle Management,
Manu. Processes,
NDT Tech.

TOOLS:

SolidWorks,
AutoCAD,
Fanuc Simulator,
G-code & M-code

EXPERIENCE:

Summer Internship

July '25

IACE, Gandhinagar

- Get hands on operating exposure of CNC & VMC machine using tool path programming
- Exposure of EV & ICE components working systems

PROJECTS:

Smart Irrigation Of Plants

- Designed and built an automatic irrigation system using real-time soil moisture data to control water flow
- Integrated a relay-controlled water pump and an LCD to display moisture status and system alerts

Design of 4-Cylinder Engine using SolidWorks

- Created 3D models of engine components such as piston, connecting rod, crankshaft, camshaft.
- Assembled the engine virtually, applying mates and motion analysis to validate movement of parts.

EXTRA CURRICULAR ACTIVITIES:

E- cell strategy coordinator

- 2nd runners up at NEC'24 which is national level competition held at IIT-B
- Collaborated with startups and alumni entrepreneurs to enhancing E-Cell's industry visibility.