

# VATAN VASHISHTHA

vatanvashistha@gmail.com

7836810297

A-320 Street No.-05 Prem Vihar, Karawal Nagar  
Delhi

North East Delhi, Delhi

## Summary

B.Tech in Mechanical Engineering at Mahavir Swami Institute of Technology (GGSIPU, Delhi), Jagdishpur Haryana, with a good academic record and a keen interest and practical exposure in the field of Engineering.

## Education

MBA (Marketing & HR)

Swami Vivekanand Subharti University • Meerut

- Pursuing With 67.50%.

B.Tech

08/2021

Mahavir Swami Institute of Technology • Jagdishpur,  
Haryana

- Passed With 75.91%.

Diploma

South Point School of Polytechnic • Sonipat,  
Haryana

07/2017

- Passed With 63%.

Higher Secondary

NIOS • North East Delhi,  
Delhi

05/2018

- Passed with 60%.

Secondary

Sardar Patel Sr. Sec. School • North East Delhi,  
Delhi

05/2013

- Passed with 7.0 CGPA.

## Skills

- Basic Knowledge of Solid works
- Basic Knowledge of MS-Office
- Ability to Work in a Team
- Effective Time Management
- Basic Knowledge of Autocad
- Fast Learner
- Communication Skills
- Leadership

## Experience

Graduate Trainee Engineer  
Smith Industrial Corp. Pvt. Ltd.

03/2022-03/2023

- Provided engineering support to the quality control Department.
- Inspected approximately 10-12 lots of Incoming raw material per day according to approved standards.
- Inspected incoming job work items.
- Clear all the material which pass in quality standard in SAP for Production Purpose.
- Rest Or rejected material go to block in SAP and return to vendor.
- Scheduled testing activities of incoming raw material as per plan like Quarterly or Yearly.
- Scheduled third party testing like ROHS test or Chemical and Mechanical Composition testing as per Standards.

Executive Engineer  
Smith Industrial Corp. Pvt. Ltd

03/2023- Present

- Provided engineering support to Incoming quality as well as to Standard Room.
- Provide Gauges to shop floor quality or production person like Thread Ring Gauges, Plain Plug Gauges, Thread Plug Gauges, Dial Gauges etc.
- Provide Instruments to shop floor like Micrometer, Vernier clipper etc.
- All Instruments and Gauges issue with a new number or unique id which help in to maintain master list, tracking and doing calibration on time.
- Instruments Handled in Standard Room are Plating Thickness Testing Machine, Vision Measuring Machine, Hardness Tester, Zeiss Counter and so on.
- Inspected BOP Items as per approved standards.
- Maintained quality records and documentation.
- Handle Vendor Quality by check the material at vendor side and approve them if it is found ok as per standard.
- Handle Vendor or Supplier Quality when doing some operation at vendor side like shearing in Sheets and convert them into strips check that during that time and accept or reject that on vendors site.

## Languages

---

• English

• Hindi

---

## Academic Projects

### MAJOR PROJECT:

#### PNEUMATIC SHEET METAL CUTTING MACHINE

Normally the sheet metal cutting machine is manually hand operated for medium and small-scale industries. This paper gives an insight about the automatic sheet metal cutting machine. Any automatic machine aimed for economical use of man. In this paper, pneumatic cylinder is used for cutting in easy way which can be use in small scale industries at lower cost. The Sheet Metal Cutting Machine with help of Pneumatic Double acting Cylinder. The Piston is connected to the moving cutting tool which is used to Cut the Sheet Metal. The main advantage of Pneumatic Sheet Metal Cutting Machine is to improve Product Quality, Repetition of work and increasing Production rate.

### MINOR PROJECT:

#### SOLENOID ENGINE

Electric Vehicles are becoming increasingly attractive alternative to the car with combustion engine, considering the effect on the environment as well as economical factors such as gradual increasing price of fluid fossil fuels, Maintenance and others. Due to the Fact that these vehicles are widely known for their zero emission and powered by renewable energy sources. The idea of the Project is to take another alternative design of EV Prime mover to replace existing electric motor. So, a SOLENOID Will be used to replace the electric motor as prime mover. For this Prototype of a solenoid is designed, build and tested.

## Courses

---

- SolidWorks, Internshala  
Jun 2021 - Jul 2021
  - E-Learning Program on Bearings, Tata E-Learning  
Jun 2020 - Jul 2020
  - AutoCAD(2D & 3D), Vision Computer Academy
  - Apr 2017 - Jul 2017
- 

## Hobbies

- Reading Books
- Learning new Skills (Technical and non-Technical)
- Watching Political Debates
- Do Some Social Work etc.