

Amit Kumar Verma

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Summary:-

B. Tech in Mechanical Engineering from IIMT Engineering College, Meerut, India affiliated to A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY (UPTU) approved by A.I.C.T.E. and an effective communicator with strong analytical, problem solving abilities.

Presently working with **INDO DANISH TOOLROOM, JAMSHEDPUR, INDIA**. In DESIGN Department since Oct-2018.

Objective

Seeking a challenging position in a quality driven organization to utilize my skills and abilities in the areas of Mechanical engineering, which offers a professional growth in career while being resourceful, innovative and flexible.

Profile Snapshot

- **Design and Development Engineer with 2 year of qualitative experience** in existing as well as new product development.
- Hands on practice: **AutoCad, Solidworks, NX**.
- Design of product according to customer requirements and development of samples accordingly.
- Ensure product and process characteristics are under control when production is launched.
- Good communication skills with troubleshooting, problem defining and solving capabilities and skills in solving technical issues.

Company profile

INDO DANISH TOOL ROOM the productive plant located in Jamshedpur (Jharkhand, India), was built in 1991.

IDTR specialized itself in the production of tools like moulds, jig and fixtures, gauges and die casting. IDTR is a leader supplier of tools for various automotive industries. IDTR is well known for problem solver as per customer requirements.

Customers:- TRLK, CAPARO, HINDUSTAN MOTORS, MARUTI, RSB GLOBAL, SONA GROUP, TATA CUMMINS, TIMKEN, AUTO PROFIL PVT. LTD., INJECTOPLAST PVT.LTD, JMT, TTL, MINDA & STEEL STRIPS WHEEL, TATA STEEL, TATA MOTORS BHEL, HEC, OFD, MINTEQ, IIAP, etc.

Job Responsibilities

- To design required product to meet the functional and fitment requirements of the customer according to information provided and past experiences using **Solidworks, NX** solid part modelling, assembly and drafting modules.
- Engineering Drawing with providing **geometrical dimensions and tolerances (GD&T)** wherever required along with proper symbols regarding critical and important features and ensuring that they are maintained.
- Create **BOM**, product flow and process flow diagrams, process sheets regarding the design project.
- To approach a production issue with a clear logical line of thought and designing for ease of manufacturing and assembly.
- To design and optimization of tools according to customer's need.
- To approach a production issue with a clear logical line of thought and designing for ease of manufacturing and assembly.
- To solve and design product as well as manufactures as per customer requirement via **Reverse Engineering process (knowledge of 3D Scanner & 3D Printer)**.
- Handing over of process to production department after complete validation of product and process.
- Handle various projects and follow the whole project as per discussed in MOU (Memorandum of Understanding). Reviews meeting, updates and communicates with customers as per required.
- Take action against customer complaint and preparing engineering report along with team.
- Proper communication and interaction with suppliers regarding child parts and outsourced parts and checking, advising and ensuring that quality is maintained keeping in mind all aspects of business.

Industrial Projects

Title : Laddle - Silde Gate_XX-80, AL-90, JUQC.

Role : Project Head

Duration : 1 YEAR.

Description: XX-80 is a Ladle Sliding Gate, which is used in steel plants to control the flow of steel from Refractories.

Academic Projects

Title : "Power Generation using Regenerative Breaking system".
Role : Work as team leader
Duration : Three Months.
Description : This is Academic project about the power generation using brakes, which is stores for used to power Electrical appliances including headlight, stereos and air conditioning etc, increase the efficiency by using solar panel at roof top.

Professional Proficiency & Education

- **Post Graduate Diploma in Tool Design & CAD/CAM** from **MSME Tool Room**, Jamshedpur.
- **Software Proficiency:-** **AutoCAD** (drafting and 3D-modelling), **NX** –CAD(Solid modeling/ Assembly/Drafting), **NX Realize Shape**, **SOLIDWORKS** –CAD(Solid modeling/ Assembly/Drafting), **CATIA V5** (solid modeling , sheet metal design) and **Creo3.0** CAD(solid modelling, sheet metal, drafting). **MASTERCAM** (NC-Code generate, Report preparation).
- Industrial Training on **NTPC - Rihand Nagar**, Uttar Pradesh, India.
- Certification **TRYST-2014, IIT Delhi, India. Workshop on Automobile engine design.**

Academic Credentials

2016: B.Tech (ME) from A.P.J. ABDUL KALAM Technical University, Uttar Pradesh, India -secured **65%**.

2012: 12th (Science) under C.B.S.E. from, Shah Faiz Public School, Ghazipur, Uttar Pradesh, India, secured **60%** marks.

2010: 10th under C.B.S.E. from Central public school, Ghazipur, Uttar Pradesh, India , secured **66%** marks.

Personal Skills

- **Strength:** - Positive attitude, Quick learner, Team worker, Hard worker.
- **Hobbies:** - Computing.

Personal Details

Date of Birth: 10.10.1995
Father's Name: Mr. Lal Chandra Verma
Languages Known: (1) English (Speak, Write, Read)
(2) Hindi (Speak, Write, Read)

Declaration

I do hereby declare that all the above statements made by me are true to the very best of my knowledge and belief.

Date:

Signature

Place: TATA NAGAR, JHAKHAND

(Amit Kumar Verma)