**CURRICULUM** **VITAE**

**SHIVA THAKUR**

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**Career** **Objective:**

To be an asset for a quality driven organization where I can use my technical skills and knowledge and prove my potential for the growth of the organization. To expand my intellectual career and explore the potential of the deep knowledge of designing techniques to tackle the challenges of structural design and simulation.

**Summary**:

* Mechanical Design Engineer with more 2.5 years in 3D modelling and improving Existing Products while enhancing their performance.
* Expert in concepts building 3D and 2D Design modelling Applications to visualize design specification and creating BOM and Drafting activities.
* Hard working, effective, time management, Team Work and Leadership Skill.
* Validation of new project while setting up individual and team goals also possess with capability of managing and retaining of resource, under the management limits and instructions.

**Professional Experience:**

**CURRENT ORGANISATION** : Ecocat India Pvt. Ltd., Faridabad

Ecocat India is an exhaust gas catalyst manufacturer supplying after treatment system to vehicle & engine manufacturers to meet Euro IV, V & VI emission norms.

**DESIGNATION**  : Engineer(R&D)

**DURATION**  : From 8-Aug-2017 To Till Date

**RESPONSIBILITIES**:

* Designing 3D model of various Components and Assembly under customer given packaging Space.
* Designing 2D Drawing of various Components and Assembly along with generic standards.
* Designing new concept of BS-VI system, Micro Corrugation for substrate.
* Designing Urea Tank based on BS-VI system for Diesel application.
* Implement of PFMEA/APQP on catalytic converter and urea tank.
* Calculation of back pressure and Space velocity with the new design concept.
* Responsible for material selection as per the design requirement.
* Responsible for part modelling, drafting, calculation, verifying and proto-making.
* Releasing ECR/ECN as per the customer and internal requirement.
* Knowledge of ERP for maintaining BOM.
* Co-ordinating with the customer for new projects.
* Co-ordinating with proto team for new part development.
* Co-ordinating with CFT for considering manufacturability and feasibility of each Drawings.

**PREVIOUS ORGANISATION** : RAGA ENGINEERS

Supplier, Exporter and manufacturer of Die Casting, Dies, Plastic Injection Mold, Plastic Mold, Jet Coolers, Jet Cooling Machine, Core Pins, Die Casting Vacuum System, Pin End Cutting and Grinding Machine, High Velocity Cooling Machine & Vacuum Pump – 250,500&650ltr.

**DESIGNATION** : Engineer

**DURATION**  : 1 Year 6 Months (From 4-Feb-2016 to 31-Aug 2017) Including 6 month Internship.

**RESPONSIBILITIES**:

* Designing 3D model & 2D drawing of various Components and Assembly on Solid work and AutoCAD.
* Generating Gantt chart till Machine Dispatch.
* Responsible Machine Installation.
* Maintaining BOM in ERP.
* Knowledge over Sheet metal parts, Fabrication work, Manifolds, Hydraulic and Pneumatic Fitting.
* Responsible for Making Checking reports, PPT.
* Responsible for BOM MATRIX of all Machine and also set their Inventory Level.
* Knowledge of Coupling Selection.

**Projects:**

* Design & Development of Urea Tank for Tata, Escorts, Ashok Leyland.
* Design & Development BS -VI system for Tata, Mahindra, AL & VECV for Diesel and CNG application.
* Design & Development of Jet Cooling Machine for Mark Exhaust systems ltd.
* Working on Compact Design BS-VI system selected for product application also gone for Patent Filling.

**Software Proficiency:**

* **CAD** : SOLID WORKS -2019,CREO 2.0, AutoCAD 2012
* **OFFICE PACKAGES** : MS Word, MS Excel, MS PowerPoint.

**Technical Education:**

* B.Tech. in Mechanical Engineering from (Aravali College of Engineering & Management, Faridabad), MDU, 2016.

**Education Credentials:**

* Intermediate fromVidya Mandir Public School, Sector-15, Faridabad(HR), 2012
* High School from Vidya Mandir Public School, Sector-15, Faridabad(HR), 2010

**Extra Curricular Activities:**

* Active participation in college and company cultural programs & sports.
* Blood donor.

**Personal Details:**

Date of birth : 31th March 1995

Gender/Marital status : Male/Unmarried

Father’s Name : Mr. Baljeet Singh Thakur

Mother’s Name : Mrs. Chandresh Thakur

Permanent Address : 1/448 Pathwari Colony, Old Faridabad

Languages Known : English, Hindi, Punjabi

Nationality : Indian

I hereby declare that the information given above is true and to the best of my knowledge.

Date:

Place: (Shiva Thakur)