

ANKUR ARORA

E-Mail: AnkurArora93@gmail.com ~ Mobile: +91-7292085654

MIDDLE MANAGEMENT PROFESSIONAL

Plastic Product Development

Highly Dedicated Senior Design Engineer. Adept at handling multiple projects simultaneously in an efficient and cost-effective manner. Mindful knowledge about all relevant safety standards and practices. Expertise in Plastic Part Design & Development.

PROFILE SUMMARY

- Incisive experience of **more than 6 years** in executing demand plans, delivering projects on deadline; achieving significant cost savings through innovative Designs and Machining Process.
- Expertise in planning the work sequence for a project and sourcing of work and ensuring optimum utilization of materials & maximum cost savings and meeting anticipatory orders for monthly operations.
- An excellent negotiator with strong analytical, communication, interpersonal and problem-solving skills
- Robust experience in Interior and Exterior Plastic Parts Development for automobiles.

CORE COMPETENCIES

- | | | |
|-----------------------------|---------------------------|-----------------------------|
| ~ Plastic Product Designing | ~ New Product Development | ~ Lean Six Sigma Black Belt |
| ~ Budgeting & Cost Control | ~ Rapid Proto Typing | ~ Analysis Report Study |
| ~ Vendor Development | ~ Project Management | ~ Resource Optimization |

ORGANIZATIONAL EXPERIENCE

ROKI R&D INIDA (P) Ltd., Gurgaon as Senior Design Engineer - Design & Development (July 2018 -Till date)

Key Result Areas:

- Responsible for providing Design & Development and provide Design support to overseas unit.
- Took responsibilities of RFQ to Production stage Design including ECN.
- Responsible of Design L/O preparation of Plastic Parts Air Intake Systems.
- Coordinate with CAE to perform necessary design changes to meet Performance requirements.
- Coordinate and conduct review meetings with other departments to ensure Design Competence of RFQ proposal.
- Prepare Design Review document for communication with customer.
- Provide VA/VE solution to reduce complexity and time of vibration welded components into on-going Proto Development Phase Project.
- Preparing Documents like Gantt Chart/Timeline Chart, DFMEA ,Tool Go Document , Initial level APQP Documents, QA Table etc.
- Analyse Mold Flow, Finite Element Analysis, Acoustics, sealing and other test performed on part as per the country norms.
- Proposing new idea for reducing the rejections and wastage.
- Study the root cause to resolve all CAD and Tooling related concerns of the component.

Projects Delivered:-

- Model: **P42QR KH1T** : NISSAN, Japan & US
- Model: **P42S KH1T** : NISSAN, US
- Model: **L21B E-Power** : NISSAN, Japan
- Model: **J32V HR14DD E-Power** : NISSAN, Japan
- Model: **W42T Xh7 E-power** : Nissan, Japan
- Model: **WC2D E-Power (RFQ)**: Nissan, Japan
- Model: **P13C XH7**: Nissan
- Model: **P42S KH1T** : Nissan, US
- Model: **P33A KH5T**, Nissan Romania

Rikki Plastic (P) Ltd., Faridabad as Design Engineer – Design & Development (May 2016 –June 2018)

Key Result Areas:

- Design Plastic Injection Moulds and developing 3D Solid Mold Design.
- Develop and Design engineered plastic parts, insert molded parts and assemblies.
- Interact with Customers, Vendors & internal resource, Follow up with them to meet the target dates.
- Analyse Mold Flow, Finite Element Analysis on Plastic.
- Study of drawings, preparing and finalizing the timeline of development (NPD).
- Conducted meetings for joint inspection with suppliers/customers for the proper Tool and part modifications and quality concerns.
- Study the root cause to resolve all CAD, Quality and Tooling related concerns of the component.
- Preparing RFQ for Customers & Suppliers.

Parts Managed:-

- Air Intake Manifold , JCB Global
- Door Handles , JCB India
- Dashboards
- Clips and Hoses ,(JCB , Minda Industries, IAI, Maruti Suzuki)
- Connectors(T-joint, Y-Joint), (IAI, Minda Industries, Maruti Suzuki, JCB)
- Steering Column Covers ,JCB Global
- Bumpers
- Handle Grips , (Harley Davidson, Yamaha , TVS, Yamaha)
- Checker Arms (Multimatic , Hyundai, Ford)
- Speedometer, JCB India

Accomplishments:

In RPPL

- Implemented and evaluated fresh product design adjustments.
- Evaluated and resolved the proper Product Data Management.
- Recommended VA/VE solutions for better Product Performance and cost saving.
- Recommended solutions to R&D for New Product Designing.
- Evaluated and resolved tool life & functionality problems as required.

TRAINING/ Certifications/Workshops/Events

- Certified **Lean Six Sigma Black Belt** from 'Benchmark Six Sigma'.
- Twice attended the "Self-motivational Training"
- Basic Training for 5S, 7 QC Tools, TS-16949 and Poka-Yoke.
- APQP, PPAP/ISIR & Production Basics.
- Autokriti 5.0 , **Car Overhauling** Workshop by **SAE INDIA** NIT Kurukshetra.
- Successfully managed Yearly College Event (Budget **25Lakhs**) as a Student Head Coordinator.
- Participated in Elite Karting Championship, We Designed and Fabricated Go-Kart and participated in RACE at RPM International Racing Circuit, Bhopal.
- Successfully Designed Go Kart for GKDC'15 by Indian Society of New Era Engineers.

EDUCATION

- Executive M.B.A in **Operations management** from Alliance University in 2021.
- **B.tech in Mechanical Engineering** from Kurukshetra University, Kurukshetra in 2016.
- XIIth , From Bharat Mata Sr. Sec. School, Narela. CBSE Board in 2011.
- Xth , From Raunaq Public School, Ganaur , Sonipat in 2009

PERSONAL DETAILS

Date of Birth: 5th April 1993
Languages Known: English and Hindi
Permanent Address: S/o Ramesh Kumar Arora, V.P.O. – Ganaur Mandi, District Sonipat, Haryana. -131101, India