



ABHIJIT BHATTACHERJEE

Mobile: +91-9417261624
E-mail: er.abhijitldh@gmail.com

TOP MANAGEMENT LEVEL PROFESSIONAL IN NPD, (PLASTIC, SHEET METAL, MACHINING), PRODUCT DESIGN, TOOL DESIGN, TOOL ROOM & PROJECT MANAGEMENT

Targeting Top Management level assignments in **NPD, Product Design, Tool design, Project Management** /Vendor Development / Prototyping/Press Tool/Mould/Fixture design and manufacturing with an organization of repute
Achievement-driven/New machine selection installation and proving/high performance management professional with outstanding qualifications in all phases of business operations; at ease with budget limitations, deadlines, and high pressure situations

|| Profile Summary



- A visionary professional with expertise of **over 23 years** in managing the NPD, Product Design, Tool design and Development project management from conceptualization, finalization of product specifications, client management, change request management and cross-functional coordination.
- Tyre design & Development
- Home Appliances, Switches Development
- Handling Automobile customers of Honda 4 Wheeler, Honda 2 Wheeler, Autoliv, Suzuki, Maruti, Takata, Daikin etc.
- Active member for cost cutting/ productivity enhancement of existing products by improving design / process and adoption of new technology. Recently able to reduce 20% cost in Existing range of scissors.
- Proficient in R&D, Design, Testing & Validation, Process Improvement and Systems Designing initiatives
- Expertise in New Product initialization Management process comprising capturing voice of customer thru Market Research & Survey/Analysis, Concept Drawings & Designing, Prototyping, acquiring approvals from Senior Management, DFMEA, Product design for assembly & manufacturing, Product Development, APQP documentation, Control Plan, Patent Procedures, Query Resolution, Mass production
- Successfully accomplished product Design and development projects comprising working on jigs & fixtures, Presstool design, Injection Mold Design, SPM, Automation & manufacturing, trial outs and process establishment, pilot sample lots and PSA meetings for products including Scissors, Kitchen knives, Electrical Tackers & Staplers, Pneumatic Tackers
- Proficiency in catching key requirement point, preparing concept & product drawings and suggesting deviations in design, identifying any changes taking approval and making final modifications in components for routine production
- Supervising team members; allocating resources and guiding team members till final delivery
- Active member of framing requirement for new machinery as per new project requirement, outsourcing suppliers, validating requirement and successful installation.
- Super heading Tool development regarding activities.

|| Skill Set



NPD & Tool Room Management
Product Innovation.

Concept Designing & Prototyping
Design Review & Verification
Team Management

Project Management
productivity Enhancement
Design Validation

|| Work Experience



Since Sep 20 Working as Head Engineering with Rise Appliances pvt limited

The organization is a manufacturer of home appliances and personal care equipment

Key Result Areas:

- Accomplishing various projects in stipulated time, working with team of 7
- New Product development, Line setup, arranging trials, verifying results implementing modifications
- Vendor followup
- PPAP documents as per requirement
- Looking after cost saving works in coordinating with respective departments

Since March 19 Working as Deputy General Manager NPD & Tool Room with Sanko Gosai Bawal.

The organization is a manufacturer of Plastic parts to be used in Honda 4 Wheeler, Honda 2 wheeler, Suzuki 2 wheeler, Autoliv, Maruti, Daikin, Panasonic etc

Key Result Areas:

- Accomplishing various projects in stipulated time, spearheading a team (10 comprises of AGM, Sr. Manager, Manager, AM, DM, senior Engineer & Engineers) for NPD activities.
- APQP documentation, as per IATF, Autoliv, HES & MACE requirements.
- Vendor /Supplier Management for Injection mold, Fixtures & SPM development
- Looking after daily Activity of Preventive maintenance Tool Room

Since Aug'09 with Kangaro Industries Limited, Ludhiana as New Product Design & Development

The organization is a manufacturer of world class Staplers, Punching Machines, File Clip, Professional Gun Tacker, all type of professional, general purpose & kid's scissors and professional Pneumatic Tools for industrial applications

Key Result Areas:

- Accomplishing various projects in stipulated time, spearheading a team (Design Engineer) for converting Concept to Product Design and Design to Production
- Steering & implementing MIS, KRA KPI, 5S and Lean in the organization
- Designing & setting up project for complete range of Salon Scissor, Tailor Scissor, Kitchen Knife, Kitchen Scissor & Peelers
- Supervising & contributing towards projects of Stapler, Tacker, Punching Machine, Office Scissors, Tailor Scissor, Salon Office Scissor, and Horticulture Scissor
- Proficiently designing& developing complete line of Electrical Stapler, Pneumatic Tacker & Electrical Tacker
- Offering immense efforts as a core member of a group working towards finalizing the industrial design concept
- Managing development of several vendors for tool manufacturing and batch shop production
- Working as a team member for a team managing productivity improvement & cost reduction
- Conducting & offering training to enhance skills of team members from time to time

Highlights

- Attained the completely indigenous development and commercialization of products like Stapler, Tacker, Scissor, Knife, Electrical Stapler & Pneumatic Tacker)
- Compiled a report on performance of product and developed new activities for improvement purposes
- Evaluated competitor's (StanleyBostitch, Fiskar, Victorinox, JA Henckels, Wrustoff) samples & identified performance gap

Jan'06 – Aug'09 with Ralson India Ltd., Ludhiana, Punjab as Assistant Manager

The organization is a market leader in Cycle, Two Wheeler, Four Wheeler, Tractor, LCV, HCV, ADV and Commercial Tyres

Key Result Areas:

- Spearheaded a team for designing & development of new tyres, executed design calculations of tyre profile, specification, process design and implementation
- Led mold design, manufacturing process planning and process & equipment design
- Offered assistance towards design & development of High-tech Bi-cycle Tyres, Tubes & Hubs Auto Tyres for Two Wheelers, Three Wheelers & LCV Tyres
- Managed design & development of Press Tools, Jigs & Fixtures & SPMs along with establishment standard specifications for smooth running of production
- Collaborated with Production Dept. for routine issues & resolved matters related to product feedback from the market

Apr'03 – Jan'06 with Purewal & Associates Ltd., Jubbar, Dist, Solan (H.P.) as Senior Design Engineer

The organization is manufacturer of "Maxima" watch. It is the largest watch components manufacturing company in India. The company manufacturer mechanism (movement) includes all gear & opinion, very precise plastic parts, watch cases & chains

Key Result Areas:

- Led design & Development of watch, designing of injection molds pf progressive press tool for very precise watch parts and programming of Agiematic CD wire cut machine using PEPs software
- Managed designing & manufacturing of various jigs & fixtures for precise watch components manufacturing and inspection
- Collaborated with various outside vendors for jobs like wire cutting, jigs & fixture manufacturing and so on

Jul'01 – Mar'03 with Kangaro Industries Ltd. Focal Point, Ludhiana as Design Engineer

Key Result Areas

- Led design & modeling for new products using Autodesk's Mechanical Desktop & Inventor, DEL Cam Power Shape & Pro-E
- Steered design of Press Tools (Progressive Dies, Blanking, Piercing, Stamping, Drawing & Bending Tools) for sheet metal component, jigs, fixture and gauges
- Steered design of injection molds, insert type mold & pressure die casting dies, managed packaging design (Blister Packaging & Cartoons Design) and developed tooling for same

Technical Expertise

- | | | |
|--|--|---------------------------------------|
| • Solid Works, Autodesk Inventor and Del Cam Power Shape | • Installation of Tooled Up Machinery | • Making APQP documents Quality Plans |
| • Benchmarking & Surveys | • Vendor Development for Tooling & Fixture | • Risk Management |
| • Prototype Model | • Gauge Design and Quality Assurance | • Lean Implementation |
| • Machine shortlisting as per process requirement | | |

IT Skills

- | | | |
|--------------------|-------------------|-------------------------|
| • Microsoft Office | • Keynote, 3d Max | • Photoshop, Corel Draw |
|--------------------|-------------------|-------------------------|

|| Education



- MBA (Operational Management) from IGNOU with CGPA 7 in 2008
- B.Tech. (Production Engineering) from Guru Nanak Dev Engineering College, Ludhiana with 70.54% in 2001

|| Personal Details



Date of Birth: 8th July 1979
Languages Known: English, Hindi, Punjabi and Bengali
Permanent Address: 1267\1, St. No. - 3, Near Shimlapuri, Near Bharat Dharam Kanda – 141003, Ludhiana