

# ARUN ARORA

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**Seeking position in Production&Operations, Process Enhancement and Man Management/ Quality Assurance with an organisation of repute**

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## Career Summary

- Result oriented professional with **over 28 years** of extensive experience in **Production / Operations Excellency through lean Manufacturing, TPM, Process Re-engineering and Team Management.**
- **Working from Sept'2010 to till date with M/S Mahindra & Mahindra Limited (FD- TRACTORS) (winner of TPM advance special Award from JIPM)), Rudrapur as Module Senior Manager – Transmission ,Hydraulics Assembly and Tractor Assembly.**
- **Worked from March'1992 to Sept' 2010 with M/S Escorts Ltd. (AMG-Farmtrac Tractors), Faridabad as Chief Manager – Rear Axle Assembly , Rear Axle Shaft Machining & Process Quality.**
- Proven track record in implementing cost saving measures to achieve substantial reduction in terms of raw materials, manpower and effective resource utilization.
- Skillful in enhancing systems to bring greater cost efficiency levels & energy reductions.
- Resourceful at strategizing techniques and implementation of the same for maximum utilization of manpower, machinery and materials to deliver quality output.
- Proficient in developing & streamlining systems with proven ability to enhance operational effectiveness and meet operational goals within the cost, time & quality parameters.
- Resourceful at strategizing techniques for maximum utilization of manpower.
- Effective communicator with excellent negotiation skills, leadership qualities and analytical power for building a strong & motivated team to achieve operational excellence

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## Core Competencies

- Planning & executing production operations to meet requirements at optimal cost meeting customer needs in terms of PDCQSME by ensuring best manufacturing practices and benchmarking.
- Coordinating plant activities for the setup standards with accountability for strategic utilization & deployment of available resources to achieve organizational objectives.
- Preparing SOPs, control plans, manuals & work instructions for operations for the unit, documentation of quality system TS 16949 / MEM / OHSAS 14001 and maintaining reports for facilitating decision making by the management.
- Stimulating culture conducive to continuous improvement amongst the site team to ensure enhanced productivity and waste elimination.
- Planning, allocating and administering human resources at the site and ensuring timely coaching/ mentoring of team to enable full realization of employee potential.
- Analyzing processes/ applications and recommending process modifications to enhance operational efficiency.
- Achieving productivity improvements & eliminating non-value added operations, lean & MOST implementation.
- Practicing quality standards with key emphasis on improving quality and improvement opportunities.
- Executing cost saving techniques / measures and modifications to achieve substantial reduction in O&M expenditures and to increase operational profit.
- Leading/ motivating teams ensuring their career development and positive contribution to the company.
- Imparting training to various personnel's, thereby ensuring optimum performance.
- Determining the manpower requirement in accordance with the manpower rationalization and production norms.
- Resolution of Quality issues in field, In-house (F.A.I&PDI)& upkeep quality standard of product & image.
- Practicing employee engagement activities through SGA / CIT / QC STORY & TPM (Implementation of JH on machines and on Assy lines)
- Planning and Optimum utilization of Revex and Capex.
- Use of Digitization for enhancing operational efficiency of assembly lines.

## Employment Details

### M/S Escorts Ltd. (AMG-Farmtrac Tractors), Faridabad

#### Growth Path:

Mar'91-March'92	Apprentice
April '92-March'95	Junior Engineer
April '95-March'97	Engineer
April'97-March'03	Senior Engineer
April'03- March'05	Assistant Manager (Grade2)
April'05-March'08	Manager (Grade3)
April '08-March '10	Sr. Manage(Grade 4)
April '10-Sept.'10	Chief Manager (Grade 5)

### M/S Mahindra & Mahindra Limited (Farm Equipment Sector), Rudrapur

Sept '10-Jan '12	Section Manager – Transmission and Hydraulic Assy. (Grade L7 M)
Jan'12 -March'12	Section Manager - Transmission , Hydraulic and Tractor Assy.(Grade L7 M)
March'12 – April '16	Senior Manager - Transmission , Hydraulic Assy ( Grade L6 M)
April'16 – Sept'19	Senior Manager - Transmission , Hydraulic Assembly (Grade L5 M)
Oct '19- Till date	Senior Manager - Tractor Assembly (Grade L5 M)

### Job Roles & Responsibilities across tenures (Mahindra & Mahindra limited)

- Responsible of delivering output as per plan for both Tractor n Transmission and Hydraulic assy, meeting customer requirement by optimum utilization of Resources.
- Responsible for achieving all PDCQSME parameters as per given target in order to improve bottom line as well as top line with various cost reduction initiatives and value engineering ideas and focus on defect free Tractors and zero CVL by **robustness of processes**.
- Responsible for **fostering culture of high Morale** at shop floor with various **employee engagement** activities like Aakarman cost Saving, TPM activities, implementation of RISE Philosophy.
- Responsible for **creating safe working environment** at shop floor by ensuring implementation of OHSAS 18001 and EHS activities like safety audits, Identification of near miss, action on first aid injuries, closures of Management Programmes and ensuring updation Of HIRA and AI.
- Focus on employee safety and fatigue reduction by ensuring Ergonomic study at each station.
- Focus on **continuous improvements** at shop floor by ensuring implementation of Innovation projects through MYB and MGB and various other improvements activities through POKA -YOKE, Motion study etc.
- Ensuring **skill enhancement & competency** level of Employees through Dexterity and on the job training.
- Responsible for ensuring reduction in revenue Budget by controlling Consumables and Non consumable items
- Owner of Team's Man Management and development of officers through TNI.
- Effective Use of **Digitization** for operational efficiency.

### Job Roles & Responsibilities across tenures (Escorts limited)

#### Projects Undertaken:

- Strategic Cost Reduction -Compressed Air Leakage (DMAIC Project). Saving of 1.5 cr.
- Customer Satisfaction-Elimination of Oil Leakage fromPTO Shaft Seal.
- Capacity Enhancement - EPI Rear Axle Assy.
- Resolution of field issues – Crown Wheel Breakage, PTO Slippage in Rotavator Applications, Leakage from Rear Axle shaft in EPI -65 Models,Leakage from PTO Plate. Leakage from Brake rubber boot in EPI Model , Axle Shaft Breakage
- In-process Quality Improvement : Poke- yoke through PFMEA
- Productivity Improvement - De-bottleneck of Critical / bottleneck operations of Axle Shaft Machining.
- Conducting studies & its implementation on Rear Axle AssemblyLine & Rear Axle Shaft Line.
- Cost Reduction – Through Value Engineering
- Establishment of Rear Axle Shaft line : Re-Engineering

#### As Chief Manager (Grade 5):

- Responsibility for the operational function of Rear Axle Assembly Line with R/A Shaft Cell as a Head.

#### **As Sr. Manager (Grade4)**

- Responsible for an operational function of Rear Axle Assembly Line with R/A Shaft Cell.
- Over all System Improvement Through
  1. **Financial Excellence:** Reduction in Manufacturing cost
  2. **Customer Excellence:** Resolution & elimination of In-house and field quality issues with higher responsiveness to customer complaints.
  3. **Process Excellence:** Improve in-process Quality & Reliability of product, Improve productivity, improve safety & Environment & deliver defect free new products on time.
  4. **People & Organizational Excellence:** Improve Employee Engagement, Improve Employee Competence & Skill Level, Work Place Improvement

#### **As Manager (Grade3):**

- Owner of Team's man management & development plan.
- Skill updation of team
- Implementation of TS / ISO quality system.
- Review & action on shift of consumable items at the shop floor for cost impact.
- Overall in charge for CAPEX & OPEX cost saving & performance of the Rear Axle Shaft cell.

#### **As Assistant Manager (Grade2):**

- Achieving higher production target with reduced OPEX.
- Responsible for establishing of 'Best In-house cross Functional Cost Optimization Measures.'
- Accountable for technical & administrative troubleshooting for competence & production enhancement.
- Playing a key role in controlling production related parameters related to cost, quality & capacity utilization.
- Accountable for process up gradation & quality improvement by using quality tools like cause & effect diagram, SPC.
  - **Projects Undertaken:**
    - Addressing hygiene issues for safety & environment & workplace improvement through implementation of 5'S, TPM & KAIZEN.
    - Establishing Processes to address Field Issue of shaft breakage through PFMEA.
    - Setup reduction on CNC machines through SMED.

#### **As Senior Engineer:**

- Taking up additional responsibility of working with business process re – engineering team for the development of Rear axle shaft product line by study of different processes for Higher Production of shafts in terms of cycle times, lead times, set up times, tools change over times, Inventory requirement in each m/c / stages and evaluation of Operational complexity in terms of various linkage.
- Got opportunity to lead the overall operational activities of the shop floor in Rear Axle Shaft Machining (New Developed product line).
- Looking into line balancing of critical production operations.

#### **Major Gain**

- Reducing lead time, distance traveled manpower deployment, total inventory, scrap cost / tractor, improvement in material flow and material handling.

#### **As Engineer:**

- Playing a key role in manpower planning and deployment on machines, leading functional operations activities in shop with minimum down time and maximize output of CNC Turning shop.
  - **Project Undertaken:** Productivity Improvement through Programming Optimization.

#### **Joined Escorts Limited (Ford Tractors ) in March 1991 as Apprentice and got regularized as Junior Engineer in 1992 in CNC Turning M/c Shop.**

##### **Responsibilities:-**

- a. Ensuring production as per quality & quantity specification, within desired timeline.
- b. Leading & ensuring desired upgrades at the shop floor to maximize resource utilization.

#### **Jun'90-Mar'91 with New Allenberry Works, Faridabad as Junior Engineer – Apprentice**

##### **Job Role & Responsibilities:**

- Responsible for vendor development & meeting production targets.
- Leading process inspections for function, handling raw material management & utilization.
- Functioning as an:
  - ER Manager to identify training and development needs of employees and design training calendar.
  - ER Manager for development of Assessment Centre appraisal techniques.
  - Active Member of team aligned for "development of performance management system and performance appraisal process," for the organization.

- Member of Safety, Welfare & Grievance Committee.

**Noteworthy Contributions:**

- Have won an appreciation award in "Kaizen Conference" organized by JIPM and CII on "Set up Time Reduction", theme presentation in 2000.
- Won 2<sup>nd</sup> merit award in "Insaan" on technical presentation on Business Excellence through Employee Involvement ' and Best HR Practices in Organization in the year 2005 & 2007 respectively.
- Won Best Suggestion Coordinator in the year 2006 & 2007.
- Appreciation & Cash Award for Best Internal Trainer in 2008.

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**Professional Qualifications**

2019 Perusing PhD in Management from Lovely Professional University , Punjab.  
2018 MTech. (Manufacturing Management) From BIRLA INSTITUTE OF TECHNOLOGY , PILANI with 9.75 CGPA  
2016 BSET from BIRLA INSTITUTE OF TECHNOLOGY , PILANI (9.42 CGPA)  
2007 PGDBA (Operations & HRM) Equivalent to MBA from Symbiosis, Pune  
1992 A.M.I.E (Section 'A') from Institution of Engineers (India), Kolkatta  
1990 Three Years Diploma in Mechanical Engineering from Haryana Polytechnic, Nilokheri (Haryana)

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**Teaching Experience**

Associated with Birla Institute of Science & Technology as Guest Faculty for MTECH & BTECH ( Manufacturing Technology )  
Teaching courses Since year 2016 on following subjects.

- Lean Manufacturing
- Material science
- Engineering Measurement
- Casting & Welding
- Maintenance Engineering
- Total Quality Management

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**CTC**

29 L / Annum + ESOP+ Company Vehicle

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**Personal Details**

**Date of Birth:** 13<sup>th</sup> March 1970

**Address:** Tower B-2/4

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Metropolis city,

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STATE- UTTARANCHAL

Marital Status: **Married**