

# Anjali Sonawane

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6351340535

Alwar

3+ Years Experienced, Organized mechanical Engineer with a background in **NPI & IED Lead** in Possession of strong communication and leadership Skills.

## EXPERIENCE

### Ashok Leyland Ltd

#### NPI Lead & Industrial engineer (Techno Commercial)

Jan 2020 to till Date

#### NPI

- Coordination with Central Planning and NPI team for Mfg. line **feasibility study, tools and facility planning, procurement, Installation** and Commissioning at Mfg. Plants
- **Layout planning** of New Models/New Processes.
- Design feasibility reviews in **DELMIA**, Participate in DFMEA, Conduct trials at mfg./assembly lines etc.
- Capacity Planning, Drive Cycle time Reduction Projects, Work content and Motion Study etc. using MOST/MTM.
- Hands on experience in **Zero base costing, budgeting, negotiations and cost management** etc.
- Direct interactions with tools suppliers, supplier induction and **DAP Sign-off & Coordination PO processing**
- **PPAP Validation** on New Part Fitment Process with Supplier and Quality
- Synchronize with cross-functional teams for new product / process readiness along with all documentation work
- Part level change analysis of **3D & 2D drawings** using **DELMIA ,CREO & CATIA software**
- Coordinating with MPL team for updation of **Bill of Materials** for New / Pre-existing Products in **PLM**
- Backing VI & NPQ team for carrying out **DFMEA** by providing **ORT** (On-Road-Test) vehicle data of Proto vehicles
- Investigating **Root Cause Analysis** for ORT vehicles failure parts & ensuring RCA report circulation for design updation
- Prepare project timelines and identify all resources requirement for manufacturing processes of new product
- Monitor status of all new products and ensure effective execution of projects according to required policies, procedures and government regulations.
- Tracking & Ensuring closure of all new product sign-off points (**ECR, BQR, QCR, MCR**)
- Log updation & Communication of **Stage I, Stage II & Stage III Vehicles** (i.e., from **Proto** to **SOPP** to **Regular** production)

- **Planned manpower requirements** for effective control over contractual headcount/CPC manpower and improve direct labour productivity.
- Generate **HECU Factor** of New processes & product for costing purpose.
- Developed, implemented and maintained **HECU & Labour Productivity report** to inform management and facilitate continuous improvement analyses at the shop floor level.
- Enhanced Line capacity/Efficiency by Using methodology of **Lean Manufacturing & line balancing**
- Maintaining & circulating daily loss analysis report pertaining to **MOH & POH Cost**.
- **Long term settlement (LTS)** Sign-off with union- Revised manning norms
- Management of outsourcing activities on CPC
- Analysed the impact & determined the additional manpower requirement when the new process added to the existing process through data analysis
- Conducted studies pertaining to **cost control, cost reduction**.
- Recognized various methods to improve the manufacturing process by eliminating **NVA's activities**.
- Responsible for conducting **ergonomics job evaluation** and provide corrective actions.
- Participated in process improvement projects for Improving **Capacity enhancement**.
- Analysed large amounts of data using Minitab and MS Excel to determine trends and patterns.

### Diploma Engineer Trainee

Nov 2019 to Dec 2019

- Studied about the business environment, personal effectiveness, function skills & relationship skills
- Learned about collaborative working, customer centricity & strategic visioning.
- Hands on **Service training** at STC Namakkal (Tamil Nadu).
- Hand on Training on **Electronics, Sensor, Actuators & Other electrical & Electronics Devices** Used in BS6 at Bengaluru (Karnataka).

### Skills

#### TECHNICAL SKILLS

Line Balancing  
Lean Manufacturing  
Kaizen  
MOST Study  
Time Management  
Manpower Management  
Core QC Tools  
Budgeting

#### SOFTWARE SKILLS

SAP  
Delmia  
CATIA (CAD tool)  
CREO (CAD tool)  
Minitab  
MS Office

#### SKILLS

Team Player  
Multitasking  
Decision Making  
Problem Solving  
Adaptability  
Time Management

## Qualifications

Course	Name of the Institution	Year of Study	CGPA/ Percent
Diploma In Mechanical Engineering	Government Polytechnic, Nagpur (Autonomous Institute of Govt. of MH)	2016-2019	87%
School	SS Patil Vidya Mandir (Maharashtra State Board)	2015-2016	82%

## Certifications

- CREO Parametric
- CATIA
- Green Belt Training (Problem Solving)
- Six Sigma Principal - Kennesaw state University
- Introduction to Data Analysis Using Excel - Rice University

## Languages

- English - Excellent
- Marathi – Excellent (Native)
- Hindi - Excellent
- Gujarati - Medium