

# PRIYA PANDEY

## Executive – New Part Development (APQP | PPAP | GD&T)

New Delhi, India | +91 7060521542 | p422438@gmail.com | Priya Pandey - Escorts Kubota Limited | LinkedIn

### PROFESSIONAL SUMMARY

New Part Development professional at Escorts Kubota with hands-on experience across forged and machined drivetrain components. Skilled in drawing feasibility and GD&T interpretation, executing APQP→PPAP deliverables, proto build & validation, supplier coordination, and inspection/quality assurance. Exposure to global Kubota and Escorts programs (EV, autonomous, export platforms). Known for a structured, ownership-driven approach, cross-functional collaboration, and first-time-right launches

### PROFESSIONAL EXPERIENCE

#### **Escorts Kubota Limited**

*Executive, New Part Development (R&D)*

New Delhi

July 2025 - Present

- Lead GD&T feasibility for forged/machined drivetrain parts; define special characteristics & CTQs.
- Execute APQP phases including proto builds, validation, and industrialization; author PPAP documents (Process Flow, PFMEA, Control Plan, MSA inputs, dimensional reports).
- Review supplier processes (Comer India, Bharat Gears, GNA Gears, Milestone Gears, Sadhu Gears) and support tooling, trials, and PPAP approvals.
- Drive issue resolution using 5-Why and 8D; support IATF 16949-compliant documentation & change management (ECN).
- Support Kubota E75 global program and Escorts platforms (68HP, 35HP, EROM, Worldmax, Autonomous, Wetland, EV, Export).

#### **Escorts Kubota Limited**

*Graduate Engineer Trainee (GET)*

New Delhi

July 2024-July 2025

- Support Kubota E75 global program and Escorts platforms (68HP, 35HP, EROM, Worldmax, Autonomous, Wetland, EV, Export).
- Supported APQP/PPAP tasks including supplier follow-ups, feasibility checks, and in-process inspection.
- Gained exposure to forging, machining, GD&T reviews, and quality tools (MSA basics, SPC charts).
- **SELECTED PROJECTS & PLATFORMS-**
  - Kubota E75 drivetrain components - GD&T interpretation, inspection planning, supplier validation.
  - Escorts platforms - NPD execution for drivetrain and critical forging components.

### INTERNSHIP

#### **Ashok Leyland**

*Industrial Ergonomics*

Pantnagar

June 2023

- Conducted REBA & RULA posture assessments; recommended workstation adjustments to reduce musculoskeletal risk.

#### **TATA Motors**

*Rejection Control (DMAIC)*

Pantnagar

June 2022

- Supported a DMAIC project on rejection reduction; contributed to root cause analysis and corrective actions tracking.

### CORE SKILLS & TECHNICAL STRENGTHS

- APQP & PPAP execution (Process Flow, PFMEA, Control Plans)
- GD&T interpretation (ASME Y14.5) for manufacturability & Dimensional inspection, CTQ identification
- Forging & machining of gears, shafts, camshafts, forks, spindles
- MSA (GR&R), SPC, root cause analysis (5-Why, Ishikawa), 8D CAPA
- Supplier development, RFQs, technical reviews, PPAP Level submissions, tolerance stack-up awareness

## **EDUCATION**

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**G.B. Pant University of Agriculture & Technology, Pantnagar**

Uttarakhand

*B.Tech - Industrial & Production Engineering*

**CGPA - 7.9**

July 2020-July 2024

- ACADEMIC PROJECT-

### **Design & Development of a Flexible Minimum Quantity Lubrication (MQL) System**

Built a cost-effective MQL solution to improve machining efficiency and tool life while reducing cutting-fluid usage; focused on sustainability and process optimization.