

M. Ranjith Kumar,  
No.158, Anna Street, TV Nagar, Thirumangalam ,  
Anna Nagar, Chennai 600040.

Email id:mohanrenukadevi5@gmail.com  
Mob no : 8667728489

## PROFILE:

Well-qualified **Quality Control Engineer & Quality Assurance Engineer** proficient in documentation, reporting, and compliance standards. Meticulous and methodical professional with a deep understanding of manufacturing and production operations.

## PERSONAL TRAITS:

- Ability to Work in a Team
- Problem Analysis Skill
- Self-Improvement
- Keen to Learn New Things
- Optimistic & Smart worker

## EXPERIENCE:

SRIMUKHA PRECISION TECHNOLOGY PVT LTD  
(MARCH 2024 - Present)

ASHOK LEYLAND, ENNORE (March 2021 – March 2024)

## KNOWLEDGE IN:

- SPC, MSA, FMEA
- 5S Concepts
- 7 QC Tools
- GD&T

## JOB RESPONSIBILITIES:

○ Conducting Study and Maintaining <b>SPC, MSA, and FMEA</b> Records for IATF 16949	○ Carryout Corrective action & preventive action for customer complaints ( <b>8D</b> )
○ Recording Daily and Documenting <b>MIS</b> Reports	○ Eliminating customer complaints by taking <b>CAPA</b> for that issue
○ Making <b>Error Proofing</b> for the Critical process & repeated issues,	○ To prepare <b>JDI</b> to eliminate the same problem recurrence
○ Giving Quality confirmation to the finished product using <b>SAP</b> ,	○ To prepare <b>One point lesson</b> to avoid the wrong assembly
○ Checking the <b>EDM</b> component by using a layout diagram	○ <b>Conduct 5S, Product, Layered CTQ, and Process Audit</b> Inspection as per the control plan

## TECHNICAL SKILLS:

- Able to operate **5CMM** and have knowledge in 5CMM reports.
- Knowledge in **SAP, ERP ( ROAD MAP ) , MS-OFFICE 365.**
- Can Handle any **Variable & Attribute** Gauges.
- And Also, Special Instruments like **2D Trimos** height gauges, **LYCA Particle Tester**, **Millipore** Cleanliness Tester, **Accu Plus**
- Hardness Tester, & Surface Roughness Tester.
- Profile Projector, Contour Measuring Machine, **Jenoptik** Machine & Video Machine.

## PROJECTS & ACHIEVEMENTS:

Project Description	Project Observation & Analysis	Action Taken	Achieved Results
<b>Poka-Yoke</b> (Controlled Approach with Fixed Value Method)	ICC Raised for Engine Seized & Found Cause of <b>Wrong Cam Bush Assembly</b>	<b>Cylinder With Pin Arrangement</b> Installed and <b>Checking Mechanism</b> implemented at End of The Cam Bush Pressing Cycle.	0- ICC & ECC on That Defect
<b>Poka-Yoke</b> (Controlled Approach Motion Step Method)	<b>Wrong Type liner Pressing</b> Leads to Rework and Liner Damage	Implemented <b>AI Camera</b> to Detect Liner Grades Before Pressing	Reduced From 112903 PPM to 16129.03 PPM In Q-Gate Achieved
<b>5-S</b> (1S-2S-3S)	Inspection Cycle Time Was High Because of Gauges Mixed Up and Frequently got Wear and Damaged	Provided <b>Dedicated Gauge Box with Specific Slots in Foam</b>	Searching Time Reduced, Zero Possibly of Gauge Damage

## ACADEMIC PROFILE:

Degree/ Course	Institution	Board/University	Year of passing	Percentage
B.E (Mechanical& Automation Engineering)	Agni College of technology	Anna university	2020	7.12(CGPA)
HSC	ST. Anthony's Matriculation Higher Secondary School	State Board	2016	67%

## INPLANT TRAINING:

1. SINTEX – BAPL LTD, Sriperumbudur, Chennai  
Duration: 6 Days (With Certificate)
2. TAFE, Kelambakkam, Chennai  
Duration: 5 Days
3. SUPER AUTO FORGE PVT LTD, Medavakkam, Chennai  
Duration: 6 Days (With Certificate)
4. CIPET, Industrial Estate, Guindy, Chennai  
Duration: 3 Days