

Dharmish Kadchha



dk.kadchha@gmail.com



7984030800



[linkedin.com/in/dharmish-k-4593a8193](https://www.linkedin.com/in/dharmish-k-4593a8193)

Summary

- Analytical and detail-oriented Manufacturing/Industrial Engineer with expertise in SPM with 02 years of experience.
- Assembly Process Planning and Engineering Change Management.
- Primary goal is to analyze the 'as-is' state of the existing production process and find opportunities for improvements. Design the 'to-be' state considering state of the art digital tools and techniques.

Experience



Manufacturing Process Engineer

Motherson Automotive Technologies & Engineering

Jul 2022 - Present (9 months)

- Responsible for Development of SPMs (Special purpose machines) and Poke Yokes externally and in-house for number of parts of different customers like Suzuki, MG and M&M with core team of 05 people.
- Responsible for activities like FIR, RFQ, PR, RAS (Capex) & PO for SPMs.
- Techno-commercial discussion with supplier.
- Provided technical assistance for SPMs when issues arose.
- Trained new employees for SPM and assembly operation.
- Identify problems and recommend new processes and machine improvements to improve efficiency and reduce costs.



GET

Motherson Automotive Technologies & Engineering

Jul 2021 - Jul 2022 (1 year 1 month)

- Develop work standards, Sequence of Events, Operator method sheets and establish best methods of manufacturing.
- Design and develop ergonomically sound and safe workstation.
- Design new assembly lines, conduct Line Balancing, prepare Process flow diagrams, Work Instructions, etc.
- Conduct DFMA to identify issues in early stage and avoid delays during physical build
- Conceptualized and built assembly processes, handover to production (SOP) after successful virtual (VB) and physical builds (DB, LPB)



Reduction in Rework and Rejection Occurring During Bearing Production

Austin Engineering Company Limited

Jan 2021 - Apr 2021 (4 months)

- Observed and Identified three problem statement that caused monetary losses
- Travelled, Visited and Brainstormed with operators and company members about the problem for in-depth knowledge about the problem
- Applied simple yet innovative solution for each Industry Defined Problem to reduce the rejection and rework occurring during bearing production

- Optimized the raw material storage system and reduced monetary loss up to Rs. 10 lakhs
- Engaged in research and analyzed research paper and provided solution that reduced rejection and rework to 4%

Education



Nirma University, Ahmedabad, Gujarat, India

Bachelor of Technology - BTech, Mechanical Engineering

2018 - 2021



Gujarat Technological University

Diploma, Mechanical Engineering

2015 - 2018



St. Joseph's High School

GSEB, 10th

Mar 2014 - Mar 2015

Licenses & Certifications



Finishing school programme - Knowledge Consortium of Gujarat



Programming for Everybody (Getting Started with Python) - University of Michigan

KGBGB7HLTZAZ



Financial Markets - Yale University

7336P5MG2RWC



SRISTI Summer School on Inclusive Innovation - UNICEF India



Introduction to programming through MATLAB - Nirma University, Ahmedabad, Gujarat, India



Polo Forest Trekking Camp - Invincible NGO



SCOPE English Proficiency - GOVERNMENT OF GUJARAT

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Skills

Space Saving • Standard Operating Procedure (SOP) • Inhouse SPM (Poke-Yoke) development • Automobile Packaging Development • Enterprise Resource Planning (ERP) • Six Sigma • NPD • Technical Training • Employee Training • Injection Molding

