

Production Preparation Process (3P) integrated with Failure Mode and Effect Analysis, is a unique methodology based on deep research of Toyota Production System. This is an advanced lean concept based of Gemba & engagement of the people close to the product. The approach is found highly effective on new and existing products and processes.

During initial production runs, production lines do get optimized by continuous improvements to increase quality and productivity, but still leaves lot of potential for improvement. **3P process closes the gaps and takes product to a much higher level of Quality & Reliability reducing the cost at same time. 3P is also a great process for searching of simplification.**

During 3P Workshop the product and components are examined comprehensively with respect to customer experience in the market, failures as well as difficulties faced during the life cycle of the product. **3P process brings out all stored knowledge and generates large pool of issues for Kaizen through touch and feel of the product** aided by review against the specifications, individual experiences and brainstorming. **Each problem gets divided into three distinct categories for improvement relating to: Design, Process, and Execution.**

This training is for professionals, who needs to have comprehensive understanding of 3P and p-FMEA, fundamentals, steps involved, implementation plan & methodology and best practices followed in it. Also suitable for working professionals in the areas of:

- A group of participants (4-5) from an organisation selected from a "cross functional team" consisting of planning, industrial, engineering, development, logistics, quality assurance, workers as well as the management, close to the product

and processes and are responsible to improve the product and process.

- Working in Design Dept., Product Development, R&D, Inspection, Testing, Quality Assurance & CAE.
- Working in a techno commercial activities.
- Vendor Development Engineers
- Small & Medium Entrepreneurs
- Scientists from Research Institutions / Laboratories
- Academicians from Institutions.



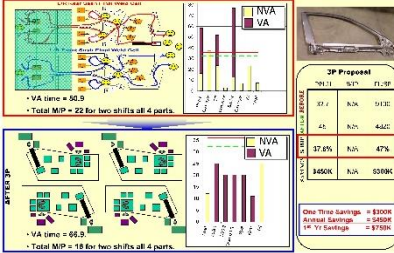
Announces 4 Day Proficiency Improvement Programme

3P (Production Preparation Process) including FMEA (Based on Gemba, Group Exercises & Hands-on)

**25th - 28th April 2017
(Tuesday to Friday)**

ARAI, FID-Chakan, Pune

3P – Eliminating waste prior to New Model



3P – Production Preparation Process

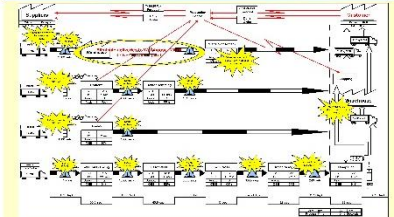
The purpose of 3P is to design and simulate the process with a cross functional team to achieve a higher level of safety, quality, productivity and delivery at start-up.

Author/Lead	Objectives	3P Benefits	Value	WIP	FL-SP	3P Lead Results
<ul style="list-style-type: none"> New Products Design Changes Change in Demand Release late CP Processes Mass Reduction Improvements 	<ul style="list-style-type: none"> Use Minimal Resources to Meet Customer Lead Time Eliminate Waste Prior to Production Start 	<ul style="list-style-type: none"> Design & Simulation Cost Reduction Lead Time Reduction Quality Improvement Design & Quality Review Copyright Light Touch On Time It's Done 	<ul style="list-style-type: none"> Design Approval Simulation Approval WIP FL-SP 3P Lead Results 	<ul style="list-style-type: none"> Simulation Approval WIP FL-SP 3P Lead Results 	<ul style="list-style-type: none"> Design Approval Simulation Approval WIP FL-SP 3P Lead Results 	<ul style="list-style-type: none"> Design Approval Simulation Approval WIP FL-SP 3P Lead Results

Traditional Method: Design & Simulation, Copy of Existing Process, Start Production After Launch

3P Method: Design & Simulation, Copy of Existing Process, Start Production After Launch

Value Stream Mapping



VSM: Shows Production & Information flow from the Customer to Raw Material - Identifies sources of waste and provides a common language

Production Characteristics Results

Category	Value	Target	Delta
Average 3P Improvement	45.1%	58.9%	36.6%

Category	Registration fees (Rs) per person	Registration fees (Rs) inclusive of Service Tax 15 % (per participant)
Industry Professionals	30,000	34,500

Contact for more details & registration :
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