



Training on Introduction to LEAN ENGINEERING

Course Duration: TwoDays(8-sessions)

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INTRODUCTION

Essentially, lean is centered on making obvious what adds value by reducing everything else. Lean manufacturing is a management philosophy derived mostly from the Toyota Production System (TPS) (hence the term Toyotism is also prevalent) and identified as "lean" only in the 1990s. TPS is renowned for its focus on reduction of the original Toyota seven wastes to improve overall customer value, but there are varying perspectives on how this is best achieved. The steady growth of Toyota, from a small company to the world's largest automaker, has focused attention on how it has achieved this success.

OBJECTIVES

Explain how lean principles and practices apply to engineering

- Explain the importance of customer value and the "front end" of engineering
- Describe tools for lean engineering
- Describe how lean engineering enables lean in the enterprise, throughout the product lifecycle
- Apply lean engineering techniques to redesign a simulated product

COURSE CONTENT

- Concept of Lean
- Value Stream Mapping
- Push Pull forces
- Eight Engineering Wastes
- Cycle Time, PDVSM
- IPPD Integrated Product and Process Development

CERTIFICATE

- **Participants qualifying written examination shall be awarded certificate of successful completion of the course.**

WHO SHOULD ATTEND

- Technical Managers • Quality Engineering Team • Quality Managers • Laboratory Personnel • Production Managers • Quality Management

Consultant • Engineers • Quality Control Executives • Metrology/Standard room personnel • S.Q.C/ SPC Team

Students from Engineering, Management, and Science Streams.

About us

Shreyas Quality Management System is a Consultancy Development Centre(CDC), Govt. of India Accredited, and IMS(ISO9001QMS,14001EMS & OHSAS18001)certified Training & Consultancy Organization focused on organizational performance improvement through the globally accepted tools such as ISO 9001, ISO14001 EMS, ISO5001EnMS,TS16949,NABL ISO 17025,ISO15189,ISO27001 ISMS,OHSAS 18001, SIX SIGMA, 5 S/Kaizen, TQM, quality costs, design of experiments(DOE) etc. It has helped many organizations both from manufacturing and service sectors to analyze and improve their performance through well-established systems. It has team members possessing a wide spectrum of professional qualifications, experience and expertise which could effectively and efficiently address improvement issues which are of importance to your business / organization. It has provided consultancy to more than 200 organizations both from manufacturing and service organizations for quality improvement.

Organised by-

SHREYAS QUALITY MANAGEMENT SYSTEM (SQMS)

(Consultancy Development Centre, Govt. of India Accredited, and IMS certified Training & Consultancy Organization)

Training & Consultancy for-

- Six Sigma, TQM - Quality Award, Quality Cost, TPM, SQC
 - ISO 9001QMS; ISO 14001 EMS, QS 9000, OHSAS 18001, ISO 27001 ISMS, ISO 50001 EnMS
 - ISO 17025/15189 (NABL Accreditation), NABH, HACCP, SEI-CMM,
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