

Continuous Improvement Using Lean Manufacturing Aspects



THEMATIC AREA: Manufacturing

WEBINAR TITLE: Continuous Improvement Using Lean Manufacturing Aspects

TIME & DATE:

DURATION: 1 Hour

VENUE: Webinar (Online)

CONTACT: education-chair@ieee-ukandireland.org

> WEBINAR HIGHLIGHTS

This Webinar is designed to examine the secrets behind Japanese management success starting from an approach that is called "Lean" or "Just-In-Time (JIT)". The importance of this approach both as philosophy and as a method of operations planning and control will be discussed. Lean systems principles, concepts and elements as a radical departure from traditional management practice will be clarified. Requirements, benefits arising from and problems encountered with Lean systems implementation will be discussed. Muda. Pull system, Jidoka, Kanban and 5'S will be briefly described Concepts, examples, and case studies shall be given from a wide variety of engineering and management discipline.

> WHO SHOULD ATTEND

This Webinar is intended for engineers in working in production and management positions, but will be very useful for engineers working in various industrial, planning and managerial sectors, general managers and postgraduate participants in industrial engineering and engineering management.

> WEBINAR OBJECTIVES

1. Define key aspects of Japanese successful management.
2. Illustrate what is the "Lean" approach and how is it different from traditional management practice?
3. Clarify the characteristics of the lean philosophy?
4. Identify the main elements of lean systems?
5. Describe are the techniques of Lean systems?
6. Explain how can Lean systems be used in planning and control?
7. Make clear that Lean systems can be used in service operations
8. Indicate how can Lean systems and traditional techniques coexist?
9. Make participants realize some Japanese phrases such as (Muda. Pull system, Jidoka, Kanban and 5'S, Poka-yoke, Andon,etc.).

> THE TRAINER



Dr. Rami Al-Hadeethi is an international, award winning Associate Professor of with a M.Sc. and a PhD. in Industrial Engineering and Operations Management; both degrees were obtained from the United Kingdom. His solid understanding of business administration in an engineering context, passion for learning, and consultative leadership style are the driving forces behind a progressively successful 25+ year career. Internationally-recognised consultant with a unique prospective on mixing engineering knowledge and administrative abilities in the design, development, organizing and delivery of several worldwide short training Webinars that covers an extensive range of engineering disciplines and business-related topics.

> WEBINAR CONTENTS

1. Continuous improvements using Lean system approach.
2. Eight Types of Waste MUDA.
3. Just-In-Time Characteristics of Japanese companies
4. Strategic characteristics of Lean systems.
5. Supply chain Considerations in Lean systems
6. Process Considerations in Lean systems:
 - a. Pull Versus Push Systems,
 - b. Jidoka,
 - c. Kanban System, and
 - d. 5'S.
7. Human Considerations in Lean systems.
8. Toyota Production System (TPS).

> ACCREDITATION

This Webinar is accredited by IEEE UK and Ireland Section.

> TRAINING WEBINAR STYLE

This training Webinar is practical, participatory and personal. We focus on real issues and help participants to benefit from the techniques covered, rather than just discuss them. A variety of learning methods are employed to stimulate interest and meet the differing needs of participants– including illustrated presentations, discussions, and case studies.

> REGISTRATION



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