WHO SHOULD ATTEND?

• Product/Process Design Engineer
• R&D Scientists, or QA Personnel, Manufacturing, Manager
• Plant Managers and Production technicians.

COURSE DESCRIPTION

Design of Experiment (DOE) is a powerful statistical technique for improving product/process designs and solving production problems. A standardized version of DOE, as forwarded by Dr. Genichi Taguchi, allows one to easily learn and apply it in manufacturing and production problem investigations. Since its introduction in the U.S.A. in early 1980’s, the Taguchi approach of DOE has been a design optimization tool in the hands of the engineering and scientific professionals.

COURSE CONTENT

• Overview- concepts of quality engineering
• New Definition of Quality
• Loss to the society from poor quality
• Standardized technique

Learning Objectives:

• How to set up experiments and analyze results
• Optimize product and process designs
• Solve technical problems in design and productions
• Lay out validation test plans for robust products

COURSE INSTRUCTOR

This seminar is led by Ranjit K. Roy, Ph.D., P.E., PMP, and Mechanical Engineer. Dr. Roy specializes in the Taguchi approach to quality improvement and engineering quality improvement topics.

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