All organizations who are eager to enhance the quality of their operations, processes, products and/or services should consider adopting a strategy known as Six Sigma. Six Sigma aims to identify and correct errors in design and reduce the amount of variability in business and non-business processes and operations. Six Sigma projects follow a predetermined series of steps that have a measurable financial goal, such as an increase in revenue or decrease in costs.

Course Contents

Define
- Evolution of Quality Concept
- Value Stream Mapping-Exercise
- Six Sigma and other Quality Approaches
- Six Sigma DMAIC Process & Project Selection
- Six Sigma Organizational Structure and Roles
- Developing a Project Charter
- SIPOC Analysis

Measure
- Identifying Process Parameters Affecting CTQ
- Process Capability Analysis
- Measurement System Analysis R&R Analysis

Analyze
- Assuring Process Understanding
- Special and Common Causes of Variation.
- Conducting Hypothesis Testing.

Improve
- Benchmarking-Exercise
- Design of Experiments-Exercise

Control
- Statistical Process Control Charts
- Developing Statistical Process Controls

Resource Person
Mr. Imtiaz Ahmed is an expatriate Pakistani who has 15 years experience of working with multinationals in North America in quality management and project management. Besides organizing trainings in Six Sigma Quality Management, Lean Management, Service Quality management, he has also conducted trainings in Primavera P6 and Project Management, Project Monitoring, Customer Service Excellence and Achieving Personal Effectiveness. He is a senior consultant and has experience of doing consultancy projects in Quality Management, Business Process Improvement, Service Quality Improvement, Project Management and Monitoring of Project Performance.

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Course Fee
Rs.18,500/- (payable to “PDC NUST courses”) inclusive of all course materials and refreshments. 20% extra fee will be charged for Engineers who would like to get one CPD point.