



Training Course	Lean Six Sigma Green Belt
Course Language	English
Course Duration	Total Number of hours : 24 Hours
Course Objectives	<ul style="list-style-type: none">• Understanding of the concepts, implementation & objectives of Six Sigma• Ability to use a structured approach to process improvement• Ability to use DMAIC (Define, Measure, Analyze, Improve and Control) Methodology• Skill to predict, prevent and control defects in a process• Understanding of the elements of waste• Skills to achieve sustainable quality improvement through process improvement
Course Content	<p>Course Key Topic Area Includes:</p> <ul style="list-style-type: none">• Statistical and other analytical methods for identifying and understanding sources of variation• History of Six Sigma• Problem solving• Basic statistics and displays of data• Process mapping and measurement techniques• Six Sigma tools and techniques• DMAIC process improvement roadmap• How to establish customer requirements• How to measure and quantify process performance
Learning Outcomes	<p>At the end of the program the trainees will be able to:</p> <ul style="list-style-type: none">• Lean Six Sigma for service and every other type of business or industry• To create shorter cycle time for production• How to implement faster response time for services• Ways to lower costs to provide products and services• Customer satisfaction improvement• Increase productivity from fewer resources



Target Audience	<ul style="list-style-type: none">• Engineers / Executives / Professionals working in different sectors seeking knowledge of Six Sigma as a management tool for process improvement at their work place.• Quality and Process Managers, Engineers and Executives who need to have a better understanding of Six Sigma and the application of Six Sigma in process / quality improvements.• Production Managers, Production Supervisors and Customer Service Managers.• Consultants who want to incorporate Six Sigma in their service offerings and help their clients implement it.
Course Material /Exams / Technology used/ Details Relevant to the course.	The course includes a series of presentations, tutorials, discussions, workshops, quiz and examination