Six Sigma Green belt

Course curriculum

Define Measure and Solve problems

 Selecting a project

Project Charter Introduction to MSA

Attribute agreement analysis

Brainstorming

Poka yoke Control Plan

Root Cause Analysis

Fishbone Affinity, 5 Why, Pareto Analysis

Process FMEA

Value Add/ Non-Value Add Analysis

Sampling methods. Hypothesis Testing Common hypothesis tests and their practice

Scatter Diagram, correlation, and Regression

Statistics, Process Stability and Capability

Types of data, measures of central tendency & spread

Descriptive Statistics

Graphical tools

Common cause, Special cause, Control charts

 Specification Limits

Sigma Level as a metric, Z table and DPMO

 Pp and Ppk analysis

Defects vs Defectives,

Baseline for discrete data

Yield and Rolled Throughput Yield