

## **CERTIFICATE IN SIX SIGMA GREEN BELT**

Today's business leaders are turning to Six Sigma Green Belt training to ensure a competitive edge, solve organizational problems, improve service levels and develop the capability to initiate and sustain performance improvement. Green Belts' acquired knowledge of data collection, analysis, process mapping and lean implementation allows them to play a vital role in Six Sigma Lean initiatives. Typically, Green Belts are assigned to Six Sigma projects within their area of responsibility.

Building on these learning objectives, this programme prepares participants to lead projects and contribute to improvement efforts in the services and manufacturing sectors. The programme is both practical and hands on.

### **COURSE CONTENT**

#### **(Across Phases)**

- Project charter, VOC to CTQs, Kano Model, SIPOC
- Process capability, segmentation and stratification
- Measurement system analysis (attribute gage R&R)
- Box plot, rolled throughput yield, process map analysis
- Pareto, concept of lean, C&I matrix, hypothesis testing
- Correlation, TRIZ, C&B matrix, mistake proofing, FMEA
- Process management charts, SPC, response plan
- Fishbone diagram, data collection plan, normality study
- Run chart, control chart, sampling strategy, regression
- Change Management