



## **QUALITY MASTERS GROUP**

### **Six Sigma Yellow Belt Training Session**

***1 Week: 5 full-day sessions***

#### **Process Mapping** **Day 1**

- a. Learn various process mapping techniques

#### **Cause and Effect Analysis** **Day 2**

- b. Understand how to reduce variables using cause and effect analysis
- c. Learn also how the Ishikawa diagram is developed and used to identify variables in your process
- d. Learn 5-whys method for root cause analysis

#### **Failure Mode and Effects Analysis** **Day 3**

- e. Learn how FMEA is used to identify problems associated with a process or a product
- f. Learn how FMEA is used to reduce/eliminate probable causes for a problem.

#### **Measurement System Analysis** **Day 4**

- g. Learn the importance of measurement systems
- h. Learn how both quantitative and qualitative measured data can be analyzed to find how good the measurement system is.

#### **SPC and Capability Analysis** **Day 5**

- i. Learn how to construct control charts for both continuous and discrete data
- j. Learn how to distinguish between common and special cause variations.
- k. Learn the concepts of central limit theorem and sub-grouping
- l. Learn how Cp and Cpk are estimated for normal and non-Normal datasets