

Statistical Process Control (SPC) Workshop

Description:

This one-day workshop on **Statistical Process Control (SPC)** introduces participants to the powerful tools and techniques for monitoring and controlling processes in various industries. SPC is a data-driven methodology that helps identify process variations and improve quality by using statistical methods. During the workshop, participants will learn how to apply SPC tools like control charts, process capability analysis, and process improvement strategies to optimize production processes and ensure consistent product quality

Duration: 1 Day (8 Hours)

Class Size: 12 Max.

Target Audience: Managers, Engineers, Quality Practitioners , Data Analysts, Frontline staff

Pre-requisites: None

Outcomes:

- ✓ **Understand** the fundamentals of Statistical Process Control (SPC).
- ✓ Learn to create and **interpret control charts** for process monitoring.
- ✓ Gain insights into identifying process variations and their causes.
- ✓ Understand the concept of **process capability** and how to assess it.
- ✓ Be able to use **SPC techniques** to make data-driven decisions for continuous improvement
- ✓ Develop the skills to **implement SPC** in real-world industrial environments

