

Model One:

Quality Methodology and Application

- The Quality Gurus
- Company -Wide Quality Control Concepts
- Quality Information Systems
- Fundamental Concept on Management
- Inspection Methods
- Quality Audit

Model Two:

Policy Management — Conceptual model and implementation

- Set up the Mission, Value, Vision, and Strategies
- Environment analysis and SWOT analysis
- The development of objectives and strategies
- The implementation of strategies
- The frameworks of the strategy management and Hoshin management

Daily Management — Concept and Implementation

- Job description and daily performance management
- Work breakdown and standardization
- The implementation of daily management
- The daily performance management
- Process management and improvement
- The integration of performance management with reward systems

Model Three

Metrology

- Metrology Measurement
- Foundation of SI Systems
- Measurement Errors

- Surface Characteristics
- Methods Used To Study Surface Texture
- Symbols Used
- Surface Measurement Terminology
- Study of Dynamic Force (Country Specific in Red)
- Principles of Thermometry
- Study of Energy, Work and Power
- Study of Sinking and Floating
- Principles of Electrostatic

Reliability

- Reliability and Maintainability
- Measurement of Reliability
- Bath Tub Curve
- Reliability Prediction
- Techniques for Achieving Higher Reliability
- Reliability Testing
- Maintainability
- Basics of Statistical Thinking
- Design of Experiments

M o d e l F o u r

Quality Tools and Techniques

- Seven Tools (Seven Basic Tools of Quality) and their application
- Probability Distribution in Quality Management
- Statistical Inference in Quality Management
- Correlation Analysis and Regression Analysis
- Acceptance Sampling
- Quality Function Deployment (QFD)