COURSE TITLE

Total Quality Management

Course Learning Outcomes:

On successful completion of the module students will be able to:

- To get familiarized with the basic concept and framework of Total Quality management
- To Understand the contribution of Quality Gurus in TQM Journey
- To grasp the nature and importance of various components that constitute TQM
- To describe and discuss the role of techniques used in TQM

Gist of this course in maximum 3 to 4 lines

Over the years Total Quality Management has become very important for improving firm's processing capabilities in order to sustain competitive advantages. This course provides a fundamental yet comprehensive coverage of TQM. The course contents sufficient theory to ensure the sound understanding of the basic concepts. At the same time, practical approach is stressed throughout.

Detailed syllabus

| Unit | CONTENTS OF THE COURSE | No. of Lectures |
|-------------------|---|--------------------|
| 1 Introduction to | 1.1 What is Quality? - What is Total Quality? | 10 |
| TQM | 1.2 Difference between Quality Management and Total Quality Management | |
| | 1.3 Indian perspective of quality (value for money) | |
| | 1.4 Need for TQM- | |
| | 1.5 Principles of TQM | |
| 2. Philosophy of | 2.1 Gurus of TQM- Quality Management Philosophy of Deming and Juran | 14 |
| TQM | 2.2Deming's Fourteen Points of Quality Management- | |
| | 2.3Ten steps of quality Management of Juran | |
| | 2.4 Crosby's "Absolutes of Quality" and his Fourteen Steps of Quality | |
| | Management | |
| | 2.5 Integration of Deming, Juran and Crosby's Quality Management Philosophies | |
| | to TQM | |
| | 2.6 Taguchi's Philosophy of Quality Engineering | |
| 3. Components | 3.1 Internal Components: | 12 |
| of TQM | Leadership | |
| | Quality Policy and Statements | |
| | Organizational Structure | |
| | Role of HR in TQM | |
| | 3.2 External Components: | |

| | Customers' Satisfaction | |
|-------------------|---|----|
| | Impact on/of- Suppliers, Investors and Society | |
| | 3.3 Contextual application of TQM | |
| 4 Introduction to | 4.1 Six Sigma | 10 |
| techniques used | 4.2 Kaizen | |
| in TQM | 4.3 7 Habits of Highly Effective People | |
| 5. Case Studies | TQM Applications : Successful implications and Failures | 8 |
| in TQM | | |
| | | 54 |
| Teaching | 1. Case study discussion | |
| O | 2. Flipped Class room for study of books prescribed in syllabus | |
| Methodology: | 3.Games and simulations | |

Suggested Reference Books:

- 1. Total Quality Management By Besterfield Dale H.
- 2. Out of Crisis W. Edwards Deming
- 3. Total Quality Management Principles and Practice By S. k. Mandal
- 4. The seven habits of highly effective people By Stephen Covey
- 5. Getting started and achieving results with TQM by William Winchell