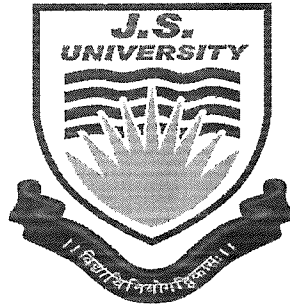


J.S. University, Shikohabad

Established by UP Govt. Act No. 07 of 2015

Recognized by U.G.C. under section 2 (f) of Act-1956




Value Added Course

Quality Control

VAC-195

FACULTY OF COMMERCE

	J.S. University, Shikohabad Faculty of commerce	Value Added Course
		AY: 2021-22

Quality Control

Duration: 30 Hours.

Course Objectives:

- Quality objectives are goals for the value of products, services and processes. It is a basic quality management process to establish a set of quality objectives. Unlike a quality policy, that is set at the top level of an organization,
- quality objectives can be specific to a department, team, process
- To understand the concept of Quality
- To understand the Implication of Quality on Business
- To Implement Quality Implementation Programs
- To have exposure to challenges in Quality Improvement Programs Quality

Control Course outcomes:

- To realize the importance of significance of quality
- Manage quality improvement teams
- Identify requirements of quality improvement programs.

Module-1

Introduction - Quality, Total Quality Management, Quality Cost, Leadership. Significance of quantitative analysis in quality control, Different techniques of analysis, Preliminaries and definitions, Significant figures, Rules for retaining significant digits, Types of errors..

Module-2

TQM Principles- Customer Satisfaction, Employee Involvement, Continuous Process Improvement, Supplier Partnership, Performance Measures.

Module-3

Statistical Process Control (SPC)- Seven tools of Quality, Statistical Fundamentals, Six Sigma. Impurity Profiling. TQM Tools- Benchmarking, Quality Function Deployment (QFD), Taguchi's Quality Engineering, Total Productive Maintenance (TPM).

Module-4

Chromatography technique, HPLC, TLC, Paper, column, liquid and gas chromatography, uses, application.



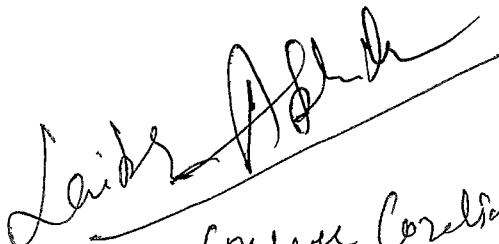
J.S. University, Shikohabad
Faculty of commerce


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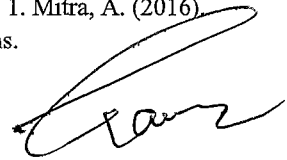
AY: 2021-22

References:-

1. Dale, B. (2015). Total quality management. John Wiley & Sons, Ltd. 1. Mitra, A. (2016).
2. Fundamentals of quality control and improvement. John Wiley & Sons.


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