

BBS College of Engineering and Technology

Department of Business Administration

Lecture Plan

Name of Course	MBA
AKTU Course Code	
Branch	Department of Business Administration
Semester	Third
Subject	QUALITY MANAGEMENT
Total Number of Students	19
Name of Faculty	Ms. Preeti
Number of Lecture Proposed	40

S.No	Unit No	Topic	C O	No of Lectures Required	Actual Date of Completion	Suggested Reference
1	1	Evolution of Quality Management, Concepts of Quality, Quality Control v/s Quality assurance , Dimensions of Quality	1	4	09/09/2025	Lt. Gen. H. Lal, “Total Quality Management”, Eastern Limited
2		Principles of Quality, Deming’s, Juran’s & Crosby’s Quality Philosophy, Quality Cost,		2	11/09/2025	Lt. Gen. H. Lal, “Total Quality Management”, Eastern Limited
3		Quality Leadership, Role of Top Management.		2	17/09/2025	Lt. Gen. H. Lal, “Total Quality Management”, Eastern Limited
No of Lectures Required to complete Unit 1				8		
4	2	Basics of QMS, 7 QC tools, Regression Control Charts, Process Capability and Analysis, Measurement system Analysis, Design and Analysis of Experiment (DOE)	2	3	24/09/2025	Menon, H.G, “TQM in New Product manufacturing”, McGraw Hill
5		Acceptance sampling plan, Different Cost associated with Quality like Assurance cost, Failure cost , prevention cost		3	0710/2025	Menon, H.G, “TQM in New Product manufacturing”, McGraw Hill

6		rectification cost, appraisal cost, Process failure mode and effect analysis (PFMEA), Understanding Service Quality, case studies.		2	09/10/2025	Menon, H.G, “TQM in New Product manufacturing”, McGraw Hill
No of Lectures Required to complete Unit 2				8		
7	3	Quality Function Deployment, Robust Design and Taguchi Metho	3	3	16/10/2025	Besterfield, D H et al., Total Quality Management, 3rd Edition, Pearson Education
8		Design Failure Mode & Effect Analysis, Product Reliability Analysis.		4	04/11/2025	Besterfield, D H et al., Total Quality Management, 3rd Edition, Pearson Education
No of Lectures Required to complete Unit 3				7		
9	4	Meaning of TQM, Elements of Total Quality Management, Quality	4	2	11/11/2025	Greg Bounds, “Beyond Total Quality Management”, McGraw Hill
10		Circles, Six Sigma, Six sigma for Process Improvement, Six Sigma in Product Development & Design. Benchmarking,		4	19/11/2025	Greg Bounds, “Beyond Total Quality Management”, McGraw Hill
11		Quality Function Deployment (QFD), Taguchi’s Quality Engineering, Total Productive Maintenance (TPM)		3	26/11/2025	Greg Bounds, “Beyond Total Quality Management”, McGraw Hill
No of Lectures Required to complete Unit 4				9		
12	5	ISO-9000 and it concept of Quality management, ISO 14001,	5	4	04/12/2025	Greg Bounds, “Beyond Total Quality Management”, McGraw Hill

13		ISO 22000, ISO 27001, OHSAS 18001 and QS 9000, Indian Quality standards, Quality Audit, Quality Awards		4	16/12/2025	Greg Bounds, “Beyond Total Quality Management”, McGraw Hill
No of Lectures Required to complete Unit 5				8		
