Revised Syllabus of Courses of Bachelor of Management Studies (BMS)
Programme at Semester IV
with Effect from the Academic Year 2017-2018

3. Core Courses (CC)
7. Production & Total Quality Management

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Production Management	14
2	Materials Management	16
3	Basics Of Productivity & TQM	16
4	Quality Improvement Strategies & Certifications	14
	Total	**60**

Sr. No.	Modules / Units
1	**Production Management**
	Production Management • Objectives, Components–Manufacturing systems: Intermittent and Continuous Production Systems. • Product Development, Classification and Product Design. • Plant location &Plant layout– Objectives, Principles of good product layout, types of layout. • Importance of purchase management.
2	**Materials Management**
	• **Materials Management**: Concept, Objectives and importance of materials management Various types of Material Handling Systems. • **Inventory Management:** Importance–Inventory Control Techniques ABC, VED, FSN, GOLF, XYZ, SOS, HML. EOQ: Assumptions limitations &advantages of Economic Order Quantity, Simple numerical on EOQ , Lead Time, Reorder Level, Safety Stock.
3	**Basics Of Productivity &TQM**
	• **Basics Of Productivity &TQM:** Concepts of Productivity, modes of calculating productivity. Importance Of Quality Management, factors affecting quality; TQM– concept and importance, Cost of Quality, Philosophies and Approaches To Quality: Edward Deming, J. Juran , Kaizen , P. Crosby's philosophy. • **Product & Service Quality Dimensions, SERVQUAL** Characteristics of Quality, Quality Assurance, Quality Circle : Objectives Of Quality Circles, Ishikawa Fish Bone, Applications in Organizations. Simple numerical on productivity
4	**Quality Improvement Strategies &Certifications**
	• **Quality Improvement Strategies &Certifications:** Lean Thinking, Kepner Tregor Methodology of problem solving, Sigma features, Enablers, Goals, DMAIC/DMADV. TAGUCHI'S QUALITY ENGINEERING, ISO 9000,ISO 1400, QS9000. Malcolm Baldrige National Quality Award (MBNQA), Deming's Application Prize.