



**Bachelor of Business Administration (B.B.A) ISM Semester – II**

<b>Course Code</b>	<b>UM02 SEBBS 04</b>	<b>Title of the Course</b>	<b>Industrial Safety Management</b>
<b>Total Credits of the Course</b>	<b>02</b>	<b>Hours per Week</b>	<b>02</b>

<b>Course Objectives</b>	1. To impart basic knowledge of industrial safety.
	2. To create awareness of various industrial hazards among students.
	3. Conducting preventive measures for industrial safety in an organization.

<b>Course Content</b>		
<b>Unit</b>	<b>Description</b>	<b>Weightage (%)</b>
<b>1.</b>	<b>Introduction to Industrial safety :</b> <ul style="list-style-type: none"> <li>• History and development of safety movement, Safety programs, Need for safety,</li> <li>• Safety legislation: Acts and rules, Safety standards and codes, Safety policy: safety organization and responsibilities and authorities of different levels.</li> <li>• Accident sequence theory, Nature of Accident, Process of accident, Causes of accidents,</li> <li>• Accident prevention and control techniques, Plant safety inspections, Job safety</li> <li>• Analysis and investigation of accidents, First aid, Financial costs-direct and indirect,</li> <li>• social costs of accidents, Compilation procedure for financial costs, Cost data, quality and its limitations-Budgeting.</li> </ul>	<b>50%</b>
<b>2.</b>	<b>Industrial safety management:</b> Management Principles, Levels of Management-Lower, Middle and Top, <ul style="list-style-type: none"> <li>• Types of Management –Line and Staff, Authority,</li> <li>• Accountability and Responsibility of Management.</li> <li>• Span of Management, Delegation and decentralization of authority.</li> <li>• Role of Management in Industrial Safety:</li> <li>• Planning for Safety- Definition, Purpose, Nature, Scope and Procedure.</li> <li>• Range of planning, Types of plans, Management By Objectives (MBO),</li> <li>• Policy formulation and implementation</li> <li>• <b>Organizing for Safety:</b> Definition, need, nature and principles, Health and Environment, Organization structure, functions and responsibilities,</li> <li>• <b>Directing Safety:</b> Definition, process, principles and techniques, Leadership–Styles, Role, functions and attributes of a good leader.</li> </ul>	<b>50%</b>





<b>Teaching –Learning Methodology</b>	These are teacher-centered methods, learner-centered methods, content focused methods and interactive/participative methods.
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<b>Evaluation Pattern</b>		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

<b>Course Outcomes</b>	
1.	Students will get basic information about workplace hazards and preventive measures.
2.	Role of management for industrial safety.
3.	Rules and Regulations of Government for prevention of industrial accidents.
4.	Safety measures in plant and maintenance of equipments.

<b>Suggested References</b>	
Sr. No.	References
1	Fundamentals of Industrial safety & health by K.U. Mistry.
2	Factories Act, 1948
3	Accident Prevention Manual for Industrial Operations (ISBN: 978-08-7-912024-5) , National Safety Council , 1121, Spring Lake Drive, Itasca, Illinois 60143 USA
4	Industrial Safety Hand Book, William Handley, Megraw-Hill.
5	Industrial Safety Management- By L.M.Deshmukh- TaTa Mc-graw hill
6	Techniques of Safety Management (ISBN: 978-18-8-558139-6), Dan Petersen, McGraw-Hill Book Co. Ltd., New York, N.Y. USA,
7	Industrial Safety and Environment, A.K.Gupta, Laxmi Publications, New Delhi.
8	Industrial Safety: Concepts and Practices , K.T. Kulkarni, Pune Vidyarthi Griha Prakashan, 1786, Sadashiv Peth, Pune.





9	Industrial Safety, Health and Environment Management Systems, R.K.Jain and Sunil S.Rao, Khanna publishers , New Delhi (2006)
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On-line resources to be used if available as reference material

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