

## Semester Lecture Plan

<b>Name of the College: Government College of Arts, Science and Commerce, Sanquelim</b>		
<b>Name of Faculty: Prashant V Bhonsle</b>	<b>Subject: Industrial Management</b>	
<b>Paper code: UCOC111</b>	<b>Program/Course: B. Com</b>	<b>Division: B</b>
<b>Academic year: 2024 - 2025</b>	<b>Semester: V</b>	<b>Total Lectures: 59</b>
<b>Course Objectives: To enable the students to gain understanding of concepts and environment of Industrial Management.</b>		
<b>Student Learning Outcome: Students will be able to-</b>		
1) Understand and explain the concepts of Industrial Management, Scientific Management, Plant Location and Plant Layout.		
2) Describe the factors affecting of Industrial Productivity and Work Environment		
3) Explain the Concept, Principles and Methods of Total Quality Management		
4) Examine the causes of industrial accidents, code of practices for their prevention and list the legal provisions for occupational health.		
<b>Course Learning Outcome: The students will be able to understand concepts and environment of Industrial Management.</b>		

Month	Lectures		No. of lectures	Topics, subtopics To be covered	Exercise/ Assignment	ICT Tools	Reference Books
	From:	To:					
June/July 2024	28 <sup>th</sup> June	28 <sup>th</sup> July	17	<p><b>Unit I-Introduction to Industrial Management, Factory Location &amp; Plant Layout</b></p> <p>Concept of Industrial and objectives of industrial management  Industrial Management Process- Importance of Industrial Management.  Introduction to Scientific Management  Scientific Approach to Industrial Management- Concept, Principles, Objectives, Techniques, elements, Significance and benefits and criticism of Scientific Management.</p> <p>Meaning and factors determining Factory Location  Concept, Objectives and importance of Plant Layout  Factors influencing Layout- Types of Layout  Problems of Layout</p> <p><b>1<sup>ST</sup> ISA ON UNIT 1 – Assignment</b></p> <p><b>Unit II- Industrial Productivity &amp; Work Environment</b>  Meaning of Industrial Productivity, Factors affecting productivity, Significance of higher productivity, Suggestions for Productivity improvement,</p>	Students will find out different types of plant layout using Industries	SMART BOARD  Document sharing on whatsapp	<p>Industrial Management by Rao, Thukaram.  Production and Operation Management by K. Aswathappa. And K. Shridhara Bhat.  Production Management by K. Aswathappa.  Industrial Management By N.G.Kale</p> <p>Industrial Management By Mahendra Ghosarwadkar, Rajesh Amonkar and et.al  Industrial Organisation &amp; Management by Deshpande A.S.</p>

Month	Lectures From: To:		No. of lectures	Topics, subtopics To be covered	Exercise/ Assignment	ICT Tools	Reference Books
July & August	29 <sup>th</sup> July	29 <sup>th</sup> August	17	<p><b>Unit II- Industrial Productivity &amp; Work Environment</b> Role of National Productivity Council Work Environment Factors affecting work environment. Occupational Hazards Meaning and types of Hazards Measures to minimize Hazards</p> <p><b>REVISION</b></p> <p><b>Unit III- Total Quality Management (TQM)</b> Concept of TQM- Principles and Benefits of TQM, Methods of TQM (Management methods) Benchmarking- Meaning, Types,</p>	Assignment on Work Environment in Organisation	SMART BOARD  Document sharing on WhatsApp	Industrial Management by Rao, Thukaram  Industrial and Business Management by Telsang Martand

Month	Lectures		No. of lectures	Topics, subtopics To be covered	Exercise/ Assignment	ICT Tools	Reference Books
	From:	To:					
August & September	30 <sup>st</sup> August	30 <sup>st</sup> September	13	<p><b>Unit III- Total Quality Management (TQM)</b>            Process of Benchmarking            Deming Wheel- Steps in Deming Wheel            Just in Time- Objectives and characteristics            Quality Circles- Concept and features            Six Sigma            TQM (Analytical Methods)            Critical Path Method- Process and advantages.            Force Field Analysis- Driving and restraining forces, Decision making.            Failure Mode and Effect Analysis- Meaning and steps.            ISO-9000- Concept, Standards and Guidelines  <b>REVISION</b></p> <p>ISA-2 Assignment on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Unit.</p> <p><b>Unit IV-Industrial Safety and Occupational Health</b>            Definition of Safety, Objectives of Safety Management,</p>	Students will find out the different companies using Total Quality Management (TQM)	SMART BOARD  Document sharing on whatsapp	Industrial Management by Rao, Thukaram. Production and Operation Management by K. Aswathappa. And K. Shridhara Bhat. Production Management by K. Aswathappa. Industrial Management By N.G.Kale  Industrial Management By Mahendra Ghosarwadkar, Rajesh Amonkar and et.al Industrial Organisation & Management by Deshpande A.S.

Month	Lectures From: To:		No. of lectures	Topics, subtopics To be covered	Exercise/ Assignment	ICT Tools	Reference Books
October	1 <sup>st</sup> October	22 <sup>nd</sup> October	12	<p><b>Unit IV-Industrial Safety and Occupational Health</b>            Mechanical and human causes of accidents, Effects of industrial accidents on employers, workers and society, Code of practices for accident prevention. Concept of occupational health, Health programs in industries, Role of National Institute of Occupational Health, Legal provisions regarding Occupational Health, OHSAS-18000(Occupational Health and Safety Standards)</p> <p><b>REVISION</b></p>	Assignment on Occupational Health and Safety Standard	SMART BOARD  Document sharing on whatsapp	<p>Industrial Management by Rao, Thukaram. Production and Operation Management by K. Aswathappa. And K. Shridhara Bhat. Production Management by K. Aswathappa. Industrial Management By N.G.Kale</p> <p>Industrial Management By Mahendra Ghosarwar, Rajesh Amonkar and et.al Industrial Organisation &amp; Management by Deshpande A.S.</p>

## Assessment Rubrics

Components	Max Marks
ISA 1	10
ISA 2	10
Practical	-
Project	-
Semester End Exam	80