

**SEMESTER – IV**  
**DURATION - 17 WEEKS**

<b>PRODUCTION AND OPERATIONS MANAGEMENT</b>	
<b>Unit-1</b>	<b>ISSUES IN PRODUCTION/ OPERATIONS MANAGEMENT</b> <ul style="list-style-type: none"> <li>• Production/Operations Management – an overview</li> <li>• Production System : Issues &amp; Environment</li> <li>• Total Quality Management (TQM)</li> </ul>
<b>Unit-2</b>	<b>FORECASTING</b> <ul style="list-style-type: none"> <li>• Need and Importance of forecasting</li> <li>• Qualitative methods of forecasting</li> <li>• Quantitative methods of forecasting</li> </ul>
<b>Unit-3</b>	<b>PRODUCTION SYSTEM DESIGN</b> <ul style="list-style-type: none"> <li>• Capacity Planning</li> <li>• Facilities Planning</li> <li>• Work System Design</li> <li>• Managing Information for Production System</li> </ul>
<b>Unit-4</b>	<b>PRODUCTION PLANNING &amp; SCHEDULING</b> <ul style="list-style-type: none"> <li>• Aggregate Production Planning</li> <li>• Just-In-Time (JIT)</li> <li>• Scheduling and Sequencing</li> </ul>
<b>Unit-5</b>	<b>MATERIALS PLANNING</b> <ul style="list-style-type: none"> <li>• Issues in materials management</li> <li>• Independent demand system</li> <li>• Dependent demand system</li> </ul>
<b>Unit-6</b>	<b>EMERGING ISSUES IN PLANNING / OPERATIONS MANAGEMENT</b> <ul style="list-style-type: none"> <li>• Total productive maintenance</li> <li>• Advanced manufacturing system</li> <li>• Computers in planning/operations management</li> </ul>

<b>MANAGERIAL ECONOMICS</b>	
<b>Unit-1</b>	<b>INTRODUCTION TO MANAGEMENT ECONOMICS</b> <ul style="list-style-type: none"> <li>• Scope of Managerial Economics (Scarcity &amp; Choice)</li> <li>• The Firm : Stakeholders, Objectives &amp; Decision Issues</li> <li>• Basic Techniques</li> </ul>
<b>Unit-2</b>	<b>DEMAND AND REVENUE ANALYSIS</b> <ul style="list-style-type: none"> <li>• Demand Concepts and Analysis</li> <li>• Demand Elasticity</li> <li>• Demand Estimation and Forecasting</li> </ul>
<b>Unit-3</b>	<b>PRODUCTION AND COST ANALYSIS</b> <ul style="list-style-type: none"> <li>• Production Function</li> <li>• Cost Concepts &amp; Analysis I</li> <li>• Cost Concepts &amp; Analysis II</li> <li>• Estimation of Production and Cost Functions</li> </ul>
<b>Unit-4</b>	<b>PRICING DECISIONS</b> <ul style="list-style-type: none"> <li>• Market Structure (Barriers) and Condition for Optimisation</li> <li>• Pricing Under Pure Competition/Pure Monopoly</li> <li>• Pricing Under Monopolistic/Oligopolistic Competition</li> <li>• Pricing Strategies</li> </ul>
<b>Unit-5</b>	<b>COMPREHENSIVE CASE</b> <ul style="list-style-type: none"> <li>• Managerial Economic Decisions Under Current Environment</li> </ul>

## Semester 4

<b>LABOUR LAWS</b>	
<b>Unit-1</b>	<b>INTRODUCTION TO LABOUR LEGISLATION</b> <ul style="list-style-type: none"><li>• Philosophy of Labour Laws</li><li>• Labour Laws, Industrial Relations and HRM</li><li>• Labour Laws : Concept, Origin, Objectives and Classification</li><li>• International labour Organization – International Labour Organisation and Indian Labour Legislation</li><li>• Indian Constitution and Labour Legislation</li><li>• Labour Policy, Emerging Issues and Future Trends</li></ul>
<b>Unit-2</b>	<b>LAWS ON WORKING CONDITIONS</b> <ul style="list-style-type: none"><li>• The Factories Act, 1948</li><li>• The Mines Act, 1952</li><li>• Plantation Labour Act 1951</li><li>• Contract Labour (Regulation and Abolition Act, 1986)</li><li>• Child Labour (Prohibition and Regulation Act, 1986)</li></ul>
<b>Unit-3</b>	<b>INDUSTRIAL RELATIONS LAWS</b> <ul style="list-style-type: none"><li>• Trade Union Act, 1926</li><li>• Industrial Disputes Act, 1947 – I</li><li>• Industrial Disputes Act, 1947 – II</li><li>• Industrial Employment (Standing Orders) Act, 1946</li><li>• Industrial Discipline and Misconduct</li><li>• Domestic Enquiry</li></ul>
<b>Unit-4</b>	<b>WAGES AND LABOUR LAWS</b> <ul style="list-style-type: none"><li>• Minimum Wages Act, 1948</li><li>• Payment of Wages Act, 1936</li><li>• Payment of Bonus Act, 1965</li><li>• Equal Remuneration Act, 1976</li></ul>
<b>Unit-5</b>	<b>LAWS FOR LABOUR WELFARE AND SOCIAL SECURITY</b> <ul style="list-style-type: none"><li>• Social Security Legislation : An overview</li><li>• The Workmen’s Compensation Act, 1923</li><li>• The Employees’ State Insurance Act, 1948</li><li>• The Maternity Benefit Act, 1961</li><li>• The Employee’s Provident Fund and Miscellaneous Provision Act, 1952</li><li>• The Payment of Gratuity Act, 1972</li></ul>

**(NCHMCT Component)**

All research/project work is devoted to hospitality related issues/policies.

<b>Unit-1</b>	<b>INTRODUCTION TO RESEARCH METHODOLOGY</b> <ul style="list-style-type: none"><li>• Importance of Research in Decision Making</li><li>• Defining Research Problem and Formulation of Hypothesis</li><li>• Experimental Designs</li></ul>
<b>Unit-2</b>	<b>DATA COLLECTION AND MEASUREMENT</b> <ul style="list-style-type: none"><li>• Methods and Techniques of Data Collection</li><li>• Sampling and Sampling Designs</li><li>• Attitude Measurement and Scales</li></ul>
<b>Unit-3</b>	<b>DATA PRESENTATION AND ANALYSIS</b> <ul style="list-style-type: none"><li>• Data Processing</li><li>• Statistical Analysis and Interpretation of Data – Non-Parametric Tests</li><li>• Multivariate Analysis of Data</li><li>• Model Building and Decision Making</li></ul>
<b>Unit-4</b>	<b>REPORT WRITING AND PRESENTATION</b> <ul style="list-style-type: none"><li>• Substance of Reports</li><li>• Report Writing and Presentation</li><li>• Presentation of Report</li></ul>

(2 weeks earmarked for counseling on above aspects which will enable a scholar to write a comprehensive research paper/dissertation, under the supervision of research guide before a scholar undertakes research activity or project research)

**SEMESTER – IV (Human Resource Management)****WEEKLY TEACHING SCHEME**

Subject Code	Subject	Credits	Hours			
			L	T	GW/A	Total
MHA-17	Production / Operations Management	4	4	1	3	8
MHA-18	Managerial Economics	4	4	1	3	8
MHA-20	Labour Laws	4	4	1	3	8
MHA-21	Mentorship & Research Project (Dissertation)	8	-	1	-	1
Total		20	12	4	9	25

**SEMESTER – IV (Human Resource Management)****EXAMINATION SCHEME**

Subject Code	Subject	Marks		
		IA	TEE	Total
MHA-17	Production and Operations Management	30	70	100
MHA-18	Managerial Economics	30	70	100
MHA-20	Labour Laws	30	70	100
MHA-21	Mentorship & Research Project:			
	a) Research Methodology	-	25	100
	b) Dissertation	-	75	
Total		90	310	400