

**SARDAR PATEL UNIVERSITY**  
**BACHELOR OF VOCATION**  
**Supply Chain & Logistics SEMESTER – V**  
**Syllabus with effect from: JUNE 2016**

<b>Paper Code: UB05FBVS01</b>	<b>Total Credit: 3</b>
<b>Title of Paper: Organization behavior-I</b>	

Unit	Description in detail	Weighting (%)
<b>1</b>	<p><b><u>Introduction</u></b></p> <ul style="list-style-type: none"> <li>➤ Conceptual foundations, Significance,</li> <li>➤ Challenges</li> <li>➤ Opportunities for OB.</li> </ul> <p><b><u>Personality</u></b></p> <ul style="list-style-type: none"> <li>➤ Concept and determinants, The Big five model</li> <li>➤ Type A and Type B personality</li> <li>➤ Key personality attributes influencing OB</li> </ul>	<b>25%</b>
<b>2</b>	<p><b><u>Attitudes</u></b></p> <ul style="list-style-type: none"> <li>➤ Sources and types; Theories of attitude; Cognitive dissonance theory, Overview of Major job attitudes:</li> <li>➤ Job satisfaction,</li> <li>➤ Organizational commitment and prejudice.</li> </ul>	<b>25%</b>
<b>3</b>	<p><b><u>Emotions and Moods</u></b></p> <ul style="list-style-type: none"> <li>➤ Nature and types, Sources of emotions and moods,</li> <li>➤ Managing emotions at work</li> <li>➤ Emotional intelligence: Concept and dimensions.</li> </ul>	<b>25%</b>
<b>4</b>	<p><b><u>Perception</u></b></p> <ul style="list-style-type: none"> <li>➤ Nature and significance of perception,</li> <li>➤ Factors influencing perception</li> <li>➤ Perceptual process, Perceptual distortions and improving perception.</li> </ul>	<b>25%</b>

**Basic Text & Reference Books**

- ❖ Robbins, Stephen P.; Judge, Timothy A.; and Sanghi, Seema, “*Organisational Behaviour*”, Pearson Education, New Delhi.
- ❖ McShane, Steven L.; Glinow, Mary Ann Von; Sharma, Radha R, “*Organisational Behaviour*”, Tata McGraw Hill, New Delhi.
- ❖ Aswathappa, K., “*Organisational Behaviour, Text, Cases and Games*”, Himalaya Publishing, Delhi.
- ❖ Pareek, Udai, “*Understanding Organizational Behaviour*”, Oxford University Press, New Delhi

**Note: Latest Edition of Text books may be used.**

**Programme: B.voc Sem V**

1.

<b>PaperCode:</b> UB05FBVS02	<b>TotalCredit:3</b>
<b>Title of Paper:</b> Self-development skills	

2.

<b>Unit</b>	<b>Descriptionindetail</b>	<b>Weighting(%)</b>
<b>1</b>	<b>Interpersonal skills</b> <ul style="list-style-type: none"> <li>➤ Assertiveness, stress management, time management</li> <li>➤ team development Skills i.e. team talk dynamics,</li> <li>➤ communication in teams, leadership skills, giving feedback</li> </ul>	<b>25%</b>
<b>2</b>	<b>Attitude and emotional intelligence</b> <ul style="list-style-type: none"> <li>➤ Importance of Attitude,</li> <li>➤ Meaning of positive thinking and positive attitude</li> <li>➤ Ways to build positive attitude, effects of negative attitude and measures to overcome in personal &amp; professional life</li> </ul>	<b>25%</b>
<b>3</b>	<b>Vision, Goal setting &amp; Time management</b> <ul style="list-style-type: none"> <li>➤ Meaning of vision</li> <li>➤ Doing things for the right purpose</li> <li>➤ Setting and achieving goals</li> <li>➤ Importance of goal setting</li> <li>➤ Methods to achieve set goals</li> <li>➤ General principles of stress management and time management</li> </ul>	<b>25%</b>
<b>4</b>	<b>Career planning</b> <ul style="list-style-type: none"> <li>➤ Career of planning</li> <li>➤ Awareness of different</li> <li>➤ Sources of information</li> <li>➤ Choosing a career and career counseling.</li> </ul>	<b>25%</b>

**Basic Text & Reference Books:**

- Rajendra Pal and J S Korlahalli, Essentials of Business Communication, Sultan Chand & sons
- www.britishcouncil.com
- Chrissie Wright, Communication Skills, Jaico Publication
- Sunita Mishra and C.Murali Krishna, Communication Skills for Engineers, Pearson Education
- Meenakshi Raman & Sangita Sharma, Technical Communication; Principles and Practice , Oxford University Press
- On We Go, BBC's audio-visual course

**Note: Latest Edition of Text books may be used**

**SEMESTER – V**

<b>Paper Code: UB05FBVS03</b>	<b>Total Credit: 3</b>
<b>Title of Paper: Aspects of Computer</b>	

<b>Unit</b>	<b>Description in detail</b>	<b>Weighting (%)</b>
<b>1</b>	<b>Components of a Computer System</b> Computer hardware and Software, Difference between hardware and software Main components of a general purpose computer: CPU, main internal memory (Including RAM and ROM), input devices, output devices and Secondary/backing storage. Basics of Windows operating systems: Nature and Function of OS, Basic Commands.	<b>25%</b>
<b>2</b>	<b>Input &amp; Output Devices</b> Input Devices: keyboards, numeric keypads, Pointing devices(mouse, touchpad), remote control, joysticks, touch screen, magnetic strip readers, chip readers, scanners, digital cameras, microphones, sensor, barcode reader, webcam, video camera etc Output Devices: Monitors(CRT, TFT, LCD), projectors, printers(laser, desk jet, dot matrix), plotters, speakers. Uses of output devices stating the advantage and disadvantage of each.	<b>25%</b>
<b>3</b>	<b>Storage Devices I</b> Common backing storage media (including CD and DVD (Rs and RWs), floppy disc, hard disc, memory sticks/pen drives, flash memory cards etc. Comparative advantages and disadvantages of using different backing storagemedia. Importance and need of backup.	<b>25%</b>
<b>4</b>	<b>Storage Devices II</b> Difference between main/internal memory and backing storage: relative benefits of each in terms of speed and permanence. Data Types Data Types: logical/Boolean, alphanumerical/text, numeric (real and integer), date, File, record, field and key field.	<b>25%</b>

**Basic Text & Reference Books**

**Note: Latest Edition of Text books may be used.**

**SEMESTER – V**

<b>Paper Code: UB05FBVS04</b>	<b>Total Credit: 3</b>
<b>Title of Paper: Entrepreneurship Development</b>	

Unit	Description in detail	Weighting (%)
<b>1</b>	<p><b><u>Concept of Entrepreneurship</u></b></p> <ul style="list-style-type: none"> <li>➤ Definition, nature, and characteristics of entrepreneurship</li> <li>➤ Emergence of entrepreneurial</li> <li>➤ women entrepreneurs</li> <li>➤ Socio-economic environment and the entrepreneur</li> </ul>	<b>25%</b>
<b>2</b>	<p><b><u>Forms of Entrepreneurship</u></b></p> <ul style="list-style-type: none"> <li>➤ The concept of Joint Stock Company, Public company, Private Company, Government company, Partnership firm, Hindu undivided family.</li> <li>➤ Characteristics of entrepreneur leadership, Risk taking, Decision making and business planning.</li> <li>➤ Innovation and entrepreneurship, Entrepreneurial behavior and motivation.</li> </ul>	<b>25%</b>
<b>3</b>	<p><b><u>Entrepreneurial Development Programmes</u></b></p> <ul style="list-style-type: none"> <li>➤ Their relevance and achievements</li> <li>➤ Role of government in organising such programmes.</li> <li>➤ Critical Evaluation.</li> </ul>	<b>25%</b>
<b>4</b>	<p><b><u>Small Business as a Seed Bed of Entrepreneurship</u></b></p> <ul style="list-style-type: none"> <li>➤ Concept of business venture. The start-up process: Concept, Plan, Implementation, Initial Strategic Planning, Product and marketing scope</li> <li>➤ Risk analysis and financial considerations.</li> <li>➤ Profit planning in small enterprise, Growth strategies and diversification.</li> </ul>	<b>25%</b>

**Basic Text & Reference Books**

- ❖ Hal, B. Pricke; and Royce L. Brahamson, “Small Busines Management”.
- ❖ Keneth R., Van Vorthis, “Entrepreneurship and Small Busines Management”.
- ❖ Hans Scholhammer and Arthur H. Kuril “Entrepreneurship and Small Business Management”.
- ❖ Joseph R. Mancuso, “How to Start, Finance and Manage Your Own Small Busines”.
- ❖ Dhar, P.N. and LydalH.F., “The Role of Small Enterprises in Indian Economic Development”.

Unit	Description in detail	Weighting
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		(%)
<b>1</b>	<b><u>Integrated Logistics Management</u></b>	<b>25%</b>
<b>Paper Code: UB05CBVS01</b>	➤ Concept, Evolution and Development, Importance of logistics management in international business	<b>Total Credit: 5</b>
<b>Title of Paper: supply chain and logistics-V</b>		
	<ul style="list-style-type: none"> <li>➤ International Logistics: functions and intermediaries. Issues involved in movement of goods</li> <li>➤ Logistics information system – positioning information in logistics, logistics information systems design, IT in logistics, strategic information linkage</li> </ul>	
<b>2</b>	<b><u>Warehousing and Containerization</u></b>	<b>25%</b>
	<ul style="list-style-type: none"> <li>➤ Warehousing , repacking and other value added service provided by logistics service providers</li> <li>➤ Warehousing , repacking and other value added service provided by logistics service providers</li> <li>➤ Containerization: types of containers and ICDs. Layout and working of container terminals</li> <li>➤ Port system and sub systems, port organization and management</li> </ul>	
<b>3</b>	<b><u>Road Transport System</u></b>	<b>25%</b>
	<ul style="list-style-type: none"> <li>➤ Classification of vehicles, road network in India, types of roads, road transport companies and their operation in full truckload business and in less than truckload business</li> <li>➤ Documents and permits required in road transport system</li> <li>➤ Problems in road transport</li> <li>➤ regulatory authorities involved with road transport system</li> </ul>	
<b>4</b>	<b><u>Rail Transport Systems</u></b>	<b>25%</b>
	<ul style="list-style-type: none"> <li>➤ Types of railway wagons, rakes, marshalling operations and yards, Railway goods freight structure, Railway Parcel service operations</li> <li>➤ Railway goods service operations</li> <li>➤ Procedure for availing railway parcel or goods service and the documentations involved</li> <li>➤ Operations at a railway goods yard/siding. Operations and control in the railways. Organization of Indian railways</li> </ul>	

### **Books for Reference:**

1. James F. Robbison & William C. Capaciano (editors), The Logistics Handbook
2. Donald F. Wood et.al., International Logistics
3. Douglas Lambert and James R. Stock, Strategic Logistics Management

### **SEMESTER – V**

<b>Paper Code: UB05CBVS02</b>	<b>Total Credit: 5</b>
<b>Title of Paper: Transportation and Distribution Management</b>	

<b>Unit</b>	<b>Description in detail</b>	<b>Weighting</b>
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		(%)
<b>1</b>	<b><u>Introduction</u></b> <ul style="list-style-type: none"> <li>➤ Role of distribution in supply chain, transportation management and warehousing concepts</li> <li>➤ Designing distribution channels</li> <li>➤ Advantages and disadvantages of distribution models</li> <li>➤ pre-requisites of distribution – comparison of distribution networks</li> </ul>	<b>25%</b>
<b>2</b>	<b><u>Distribution Network Planning</u></b> <ul style="list-style-type: none"> <li>➤ Various factors in distribution</li> <li>➤ Optimization approach and techniques</li> <li>➤ Material management process</li> <li>➤ Role of transportation , transportation principles and participants</li> </ul>	<b>25%</b>
<b>3</b>	<b><u>Transportation Models</u></b> <ul style="list-style-type: none"> <li>➤ Performance characteristics and selection</li> <li>➤ Various models of transportation</li> <li>➤ Merits of each all models of transportation</li> <li>➤ Transportation performance costs and value measures – understanding – comparing</li> <li>➤ Cost components of multimodal transportation</li> </ul>	<b>25%</b>
<b>4</b>	<b><u>Transportation Routing Decisions</u></b> <ul style="list-style-type: none"> <li>➤ Transportation administration, transportation operations management</li> <li>➤ Consolidation of freight</li> <li>➤ Application of information technology in transportation</li> <li>➤ E-commerce – intelligent transport management system</li> </ul>	<b>25%</b>

### **Basic Text & Reference Books**

1. Sunil Chopra, Supply Chain Management
2. Agarwal, Logistics Supply Chain Management
3. Saple, Logistics Management

**Note: Latest Edition of Text books may be used.**

### **SEMESTER – V**

<b>Paper Code: UB05CBVS03</b>	<b>Total Credit: 5</b>
<b>Title of Paper: Manufacturing &amp; Operations Management</b>	

<b>Unit</b>	<b>Description in detail</b>	<b>Weighting</b>
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		(%)
<b>1</b>	Concepts, Scope & Importance of Manufacturing & Operations Management Interrelationship between Materials & Operations Management	<b>25%</b>
<b>2</b>	Role of Raw Materials, Components and Work in Process inventories manufacturing Methods of Quantity Assurance namely Sampling, SQC, Vendor rating, Self-Certification	<b>25%</b>
<b>3</b>	Production Planning and Control – Meaning, Scope & Procedure Plant Layout – Concept & Methods	<b>25%</b>
<b>4</b>	Plant Maintenance – importance & Methods Just – in – Time Manufacturing	<b>25%</b>

### **Basic Text & Reference Books**

Production & Operations Management – Dr. N. G. Nair – Tata McGraw Hill Ltd., Delhi. Production & Operations Management – S. N. Chary - Tata McGraw Hill Ltd., Delhi. Production & Operations Management – E. S. Buffa - Tata McGraw Hill Ltd., Delhi. Production & Operations Management – B. S. Goel

**Note: Latest Edition of Text books may be used.**

### **SEMESTER – V**

<b>Paper Code: UB05CBVS04</b>	<b>Total Credit: 3</b>
<b>Title of Paper: Project - I</b>	

	<b>Description in detail</b>	
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	<p>The students are required to prepare a research project based on any topic related to industries and insurance sector.</p> <ul style="list-style-type: none"><li>➤ The internal faculty guide will be required to guide and evaluate (out of 25 marks) on the basis of the research project prepared by the student.</li></ul> <p>The evaluation of the remaining 25 marks shall be made by external examiner appointed by the university.</p>	
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