Faculty of Commerce and Management
Bachelor of Business Administration with Industry Collaboration
(W. E. F.: 2023-24)
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Name of Faculty	:	Faculty of Commerce and Management
Name of Program	:	Bachelor of Business Administration with Industry Collaboration
Course Code	:	2BBI03
Course Title	:	Operations & SCM
Type of Course	:	Basic Management (BM)
Year of Introduction	:	2023-24

Prerequisite	:	Business Mathematics and Basic operations management
Course Objective	:	To help students understand the emerging ideas, techniques, procedures, and practices in the field of operations & Supply Chain Management. To develop analytical and critical understanding & skills for planning, designing, and operations of the supply chain.
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Understand the basic concepts of supply chain management in business.
	CO2	Examine quantitative models for decision-making and problem analysis and their interpretations in transportation problems and game theory.
	CO3	Analyze the decision phases of a supply chain in business.
	CO4	Understand and interpret Supply Chain strategies for achieving efficient outputs.
	CO5	Apply techniques to analyze and critically evaluate different types of management problems.
	CO6	Use various techniques of inventory management in practical situations.

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
				Theory Marks		Practical Marks		Total Marks
L	**T**	**P**	**C**	**SEE**	**CIA**	**SEE**	**CIA**	
4	0	0	0	100	50	00	00	150

Legends: ***L****-Lecture;* ***T****–Tutorial/Teacher Guided Theory Practice;* ***P*** *– Practical,* ***C*** *– Credit,* ***SEE*** *– Semester End Examination,* ***CIA*** *- Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.))*

Course Content

Unit No.	Topics	Teaching Hours	Weightage (%)	Mapping with COs
1	Linear Programming Problem	6	14%	CO1
2	Transportation Problem	4	9%	CO1
3	Decision-making environment	3	7%	CO1
4	Game Theory	3	7%	CO2
5	Sequencing Problem	2	4%	CO2
6	Assignment Problem	3	7%	CO2
7	Conceptual Framework	2	4%	CO3
8	Long-Term Planning	4	9%	CO3
9	Intermediate Planning	2	4%	CO4
10	Short-Term Planning	3	7%	CO4
11	Overview	2	4%	CO5
12	Conceptual Model of SCM	2	4%	CO5
13	Supply Chain Drivers	2	4%	CO6
14	Supply Chain Strategies	7	16%	CO6

Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	10	25	20	15	15	15

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books

Sr. No.	Name of Reference Books
1	Supply Chain management- Strategy, Planning & Operation-6th edition; Chopra, Meindl & Kalra (2016) Pearson Education
2	Baffa & Rakesh Sarin, "Modern Production & Operations Management", 8th edition, John Wiley.

List of Journals / Periodicals / Magazines / Newspapers / Web resources, etc

Sr. No.	Name of Journals / Periodicals / Magazines / Newspapers / Web resources, etc
1	S.N. Chary, "Production & Operations Management", (4 th Edition), TMH.
2	Supply Chain Management N. Chandrasekaran Oxford