

**Title of Skill Course:**

1. Department: Department of Food Processing & Packaging
2. Title: **Food Supply Chain Manager**
3. Sector: Food Industries
4. Eligibility: B.Sc Food Science & Technology, B.Sc Food Processing & Packaging
5. Year of implementation: 2021-22

Course Structure

Skill Level	Theory Hours	Practical Hours	Total Hours	Credits	No. of students in batch
7	15	30	45	02	30

**Syllabus**

**Learning Objectives: Students should:**

1. Understand the scope & importance of supply chain management
2. Study the supply chain business strategy

**Theory Syllabus (Contact Hrs: 15, Credits: 01)**

**Unit I: Introduction To Supply Chain Management**

Definitions and Implications, Scope and Limitations, Five Key Dimensions, Major Drivers of Supply Chain, Participants / Actors in the Supply Chain.

**Unit II: Supply Chain Management-Strategic Layout**

Introduction to Business Strategy, Supply Chain Strategies, Demand Management, Internet and SCM, Bullwhip Effect, Supply Chain: Growth, Supply Alliances and Supplier Quality Management.

**Practical Syllabus (Contact Hrs: 30, Credits: 01)**

List of Experiments ----- 30 hrs

1. Supply chain management of Agricultural Products
2. Supply chain management of dairy products
3. Supply chain management of bakery products
4. Supply chain management of poultry birds and eggs
5. Supply chain management of fruit and vegetable products
6. Supply chain management of horticultural products
7. Innovative supply chain management
8. Cases of SCM
9. Case studies
10. Visit

Case study/ Field Visit/ Industrial Visit

(**Note:** For Skill Level 6 and 7 total experiment is 08 with Case study/ Field Visit/ Industrial Visit)

**Learning Outcomes: Students should:**

1. Understand the supply chain management of various food products
2. Understand the cases of supply chain management

**Reference Books:** (Reference style: - Chicago style)

1. Chopra, Sunil, Peter Meindl, and Dharam Vir Kalra. *Supply chain management: strategy, planning, and operation*. Vol. 232. Boston, MA: Pearson, 2013.
2. Lambert, Douglas, James R. Stock, and Lisa M. Ellram. *Fundamentals of logistics management*. McGraw-Hill/Irwin, 1998.
3. Ganeshan, Ram, and Terry P. Harrison. "An Introduction to Supply Chain Management May 24, 2007."
4. Deshmukh & Mohanty (2004), *Essentials of SCM*, Jaico Publishing House, Mumbai-23 (should be included in compulsory reading, since the text pertains to Indian context, simple and easy to comprehend)
5. Simchi-Levi, David, Philip Kaminsky, and Edith Simchi-Levi. *Managing the supply chain: definitive guide*. Tata McGraw-Hill Education, 2004.
6. Gentry, Julie Joann. "The role of carriers in buyer-supplier strategic partnerships: a supply chain management approach." PhD diss., Arizona State University, 1994.

**BOS Sub Committee:**

1. Chairman- Dr. R. B. More
2. Member- Miss. S. D. Shinde

**Expert:**

1. Mr. D. B. Ghorpade (Industry Expert)
2. Mr. Shivaji Khanpate (Industry Expert)