

Emerging Business

Supply Chain Design thinking & innovation Program

Curriculum

Program Outline :

Module 1: Fundamentals of Supply Chain Design thinking & innovation Program

- **Design Thinking Principles:**

Understand and apply design thinking methodologies to identify and solve supply chain challenges creatively.

- **User-Centric Approaches:**

Focus on understanding and addressing the needs and preferences of customers to enhance supply chain solutions.

- **Innovation Strategies:**

Develop strategies to foster and manage innovation within the supply chain, promoting continuous improvement and competitive advantage.

Module 2: Advanced Supply Chain Design thinking & innovation Program

- **Advanced Design Thinking Techniques:**

Master advanced design thinking methodologies to foster innovation and creative problem-solving in supply chain operations.

- **Customer Journey Mapping:**

Develop skills in mapping the end-to-end customer journey to identify pain points and opportunities for improvement.

- **Prototyping and Iterative Testing:**

Implement advanced prototyping techniques and iterative testing to refine supply chain solutions before full-scale deployment.

Module 3: Practical Applications

- **Customer-Centric Supply Chain Solutions:**

Apply design thinking to create supply chain solutions that prioritize customer needs and enhance customer satisfaction.

- **Efficient Prototyping and Testing:**

Develop prototypes of new supply chain processes and test them iteratively to refine and improve functionality before full-scale implementation.

- **Agile Supply Chain Management:**

Implement agile methodologies to respond quickly to market changes and customer demands, ensuring flexibility and adaptability in supply chain operations.

Module 4: Capstone Project

- **Empathize with Users:**

Conduct user research to understand the needs, pain points, and preferences of customers and stakeholders within the supply chain.

- **Define Problem Statements:**

Analyze the insights gathered from user research to define clear problem statements that need to be addressed.

- **Ideate Innovative Solutions:**

Brainstorm and generate creative ideas to solve the identified problems, focusing on customer-centric and sustainable approaches.

Elective Modules

- **Advanced Human-Centered Design:**

Dive deeper into human-centered design principles to create supply chain solutions that are truly user-centric.

- **Digital Transformation in Supply Chain:**

Explore how digital technologies can revolutionize supply chain processes and drive innovation.

- **Sustainable Innovation:**

Focus on developing innovative supply chain practices that promote sustainability and environmental responsibility

- **Design Thinking for Change Management:**

Learn how to apply design thinking to effectively manage and lead change within the supply chain.

- **Emerging Technologies and Trends:**

Stay updated on the latest emerging technologies and trends that can impact and innovate supply chain operations.

- **Advanced Analytics – II:**

Dive deeper into advanced analytics techniques to analyze supply chain data and drive informed decision-making.

Websites:

- <https://chools.in/>
- <https://ramaqchools.com/>
- <https://www.choolsgroup.com/>