Autonomous & NAAC Accredited Institute Affiliated to R.G.P.V., Bhopai, 511)

Course Outline of Core Subjects MBA III Sem (Batch 2022-24)

	Subject Name	Maximum Marks Allotted						Contact Hours				
Subject Code		Theory Slot				Practical Slot			per week			Total
		End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks	L	T	_	Total Credits
		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L			
203001	Project Management	50	10	20	20		*	100	3	4	0	3

To develop a thorough understanding of the subject, tools and techniques used for managing projects, Course Objectives: core competencies required from a project manager and enable them to execute a project to achieve specific goals that will benefit the organizations and society.

Introduction to Project, Project Management and Project Managers, Functions of Project Managers, PM as a Profession, Project Goals, Functions; Categories of Projects, Phases of Project Management, Project Life Cycle, Project Environment, The 7S of Project Management.

Crneria for selection: Checklist Model, Scoring Model, Analytic Hierarchy Process, Profile Model; adentification of the project; Request for Proposal; Project appraisal: Technical, Commercial, Economic, Financial and Management appraisal; Feasibility Study: Project Selection and Criteria (qualitative and quantitative). Cost Benefit Analysis, NPV, IRR, Payback period, etc.

Project Organization: Pure, Matrix, Mixed; Project Planning: Planning steps, Master plan; Defining Project Scope, Developing Work Breakdown Structure, Project Activity, Project Coordination, Scheduling Charts; Schedule, Gantt Charts, Project Evaluation Techniques, PERT, CPM, Critical Chain Method & Critical Chain Project Management.

Social Cost Benefit Analysis Project Cash Flow, Cost of Capital, WACC, Cost Estimating Process, Budgets and Estimates; Cost-Time Overrun; Risk analysis.

Project Control Process & techniques: Cybernetic controls, Go-No-go Controls, Post controls; Project Quality Control; Project Closure; Project Termination; Project Audit, Abandonment Analysis.

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Course outcomes focused on employability/entrepreneurship/ skill development

	After completing the course	Mapping
CO1:	After completing the course, a student will be able to:	Skill development
CO2:	Measure the scope, cost, timing and quality of the project as defined by various stakeholders throughout its lifecycle.	
	Estimate various projects' feasibility and analyze various alternatives for their success and failure.	Skill development
CO3:	Break down a project into tools / di iii	Employability
CO4:		Employaomity
	Analyze the risks involved in modern times projects and develop mitigation strategies to deal with them.	Employability
CO5:	Evaluate the optimum cost of the project for assigned deadlines by effective control & closure.	Skill development

Suggested Text and Reference Books:

1. Gray& Larson (2008), Project Management, Tata McGraw-Hill

2. Harvard Business School Press (2007), The Essentials of Project Management (for HR

3. Kerzner (2008), Project Management, John Wiley

4. Nicholas and Steyn (2008), Project Management for Business, Engineering, & Technology,

5. Pinto (2009), Project Management: Achieving Competitive Advantage, Pearson India, Delhi.

6. Kloppenborg (2009), Contemporary Project Management, Cengage.

7. Maylor (2008), Project Management, Pearson India

8. Meredith, Mantel, (2008), Project Management, Wiley India

9. Nagarajan (2008), Project Management, New Age Publishers

List of Open Source Software/learning website:

https://onlinecourses.nptel.ac.in/noc22_mg71/preview

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			Maxii	num M	arks Allotted	14.0.1	· v., Bho	pal, N	IP)			
Subject Code		End Term End Sem Assessment	Evaluation	Co	arks Allotted	Practi	cal Slot inuous uation		H per	loui	act rs eek	Total Credits
2002	Strategic Management	- Inchi	Overview	Sem.	Quiz/ Assignment	Internal	External		L	T	P	
	Objectives	50	10	20	20	-	-	100	3		0	3

Course Objectives:

After completion of the course, the students can learn about various Business Strategies and importance of Strategic Management in context with business leadership.

Unit I

Introduction to Strategies: Introduction, Fundamentals of Strategy, Conceptual Evolution of Strategy, Scope and Importance of Strategies, Purpose of Business, Difference between Goals and Objectives of Business, Strategic Intent through Vision and Mission Statements, Core Competencies of Business Strategic Management: Introduction, Strategic Management, Need, scope, key features and importance of strategic management, Role of Strategists in Decision Making, strategists at various management levels, Types of Strategies, Limitations of Strategic Management.

Unit II

Introduction, Strategy Analysis and its Importance, Environmental Appraisal and Scanning Techniques, Organisational Position and Strategic Advantage Profile, Strategic ManagementModel Strategy Formulation and Implementation: Introduction, Strategy Formulation, Process in Strategy Formulation, Strategy Implementation and its Stages, Reasons for Strategy Failure and Methods to Overcome, Strategy Leadership and Strategy Implementation, Strategic Business Units (SBUs)

Unit III

Introduction, Strategy Evaluation, Strategic Control, Difference Between Strategic Control and Operational Control, Concept of Synergy and its Meaning, Key Stakeholder's Expectations Business Policies: Introduction, Overview of Business Policies, Importance of Business Policies, Definitions of Policy, Procedures, Process and Programmes, Types of Policies, Business Policy Statements, Corporate Culture

Limitations of MNCs, Business Strategies of MNCs, Techniques Employed by MNCs to Manage Markets, MNC, TNC and Global Companies Strategic Alliances: Introduction, Strategic Alliances, Types of Strategic Alliances and Business Decisions, Problems Involved in StrategicAlliances

Role of Creativity and Innovation in Business: Introduction, Creativity, Innovation, Creating and Building Creative and Innovative Business Culture, Business Practices Adopted to Promote Creativity and Innovation, Importance of Creativity and Innovation in Business, Challenges Involved in

Business Ethics and Corporate Social Responsibility: Introduction, Ethics and Values, Ethical Conduct and Unethical Conduct, Impact of Ethical Conduct, Corporate Social Responsibilities (CSR), Business

obligations, Social Audit and Corporate Governance

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ployability/entrepreneurship/ skill development

COS	The succession community and the supplier of t	Mapping
	differentiate among strategies, objectives, mission, and vision statements;	Skill Developme
CO2:	Conduct strategic analysis for companies; investigate the strategy failure	
CO4:	Critically evaluation	Skill Developmer
05:	Construct methods to overcome challenges in creativity and innovation;	Skill Developmen Skill Developmen Employability

Suggested Text & Reference Books:

- 1. Business Policy AzharKazmi- S. Chand & Co. NewDelhi
- 2. Strategic Management: Concepts & Cases UpendraKachru, ExcelBppks.
- 3. Strategic Planning: Formulation of Corporate strategy V.S. Ramaswamy, S. Namakumari -
- 4. Management Policy & Strategic Management R. M. Shivastava, Himalaya Publishing
- 5. Creating Excellence Craig R. Hickman & Michael A. Silva London Univeral Book Stall,

List of Open Source Software/learning website:

https://archive.nptel.ac.in/courses/110/108/110108047/

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Subject Code

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Subject Code	Subject (vanis		Maximum Marks Allotted						Contact Hours			
		Theory Slot				Practical Slot			per week			Total
		End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks		T		Credit
		End Sem Personality Mid	Quiz/ Assignment	Internal	External			-				
	International Business	50	10	20	20			100	3		0	3

To identify & analyze ethical issues in international business and to create awareness about the various Course Objectives: bodies working on the international level for the promotion of international trade & business.

International Business: An Introduction, History, Nature & Scope of International Business, Comparison of Domestic Business and International Business, Reasons for Growth of International Business, Stages Unit 1 of Internationalization, EPRG Framework, Globalization, Multinational Corporations, India and International Business. Cross Cultural Communication, Effect of Environment on International Business, Integration between countries, Levels of integration, Impact of Integration, Regional trade blocks - EU, NAFTA, Mercosur, APEC, ASEAN, SAARC, Commodity agreements.

International Business Environment: Economic, social, political and government environment, demographic environment, technological environment, International trading environment International Business Theories: International Trade Theories: Mercantilism, Adam Smith's Absolute Cost Advantage Theory, Ricardo's Comparative Cost Advantage Theory, MNCs and international business, International Business Research, Market Selection, Foreign Direct Investment (FDI) Theories: Market Imperfection Approach, International Product Life Cycle Theory, Transaction Cost Approach, The Eclectic Paradigm.

International Business Coverage Strategies: Marketing mix for the International Business-Pressures for Cost Reductions & Local Responsiveness, Synthesis: Strategy & Architecture- Multidomestic Firm, International Firm, Global Firm, Transnational Firm. Importance of Organization Structure, Different forms of Organization Structure- Vertical Organization Structure, Horizontal Organization Structure, Matrix Structure; Control Systems.

Entry Decisions for International Business: Timing & Scale of Entry, Mode of entry in Foreign Market-Exporting, Turnkey Projects, Licensing, Franchising, Joint Venture, Wholly Owned Subsidiary by Green-Field Venture or Acquisition. International Business Risk: Country Risk Analysis, Classification of Risk Involved- Political Risk, Socio-cultural Risk, Economic Risk, Importance of Risk Analysis for International Business, Current issues in International Business: International, Competitive advantage and Strategic International Management.

Overview of International Financial Management- Emergence of International Finance, The Foreign Investors of International Finance, Overview of Internationa Investment Decision, Difference between Domestic Finance and International Finance. Overview of International Domestic Properties of International Properties of International Properties of International Marketine Domestic marketing as International International Marketine Domestic marketing as International International Marketine Domestic marketing as International Internation International Marketing- Framework of International Marketing, Domestic marketing vs. International Albert And Abunt

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (A Govt. Aided to R.G.P.V., Bhopal, Mp) Autonomous Autonomous & NAAC Accredited Institute Affiliated to R.G.P.V., Bhopal, MP)

marketing. Overview of International HRM: Importance of HR in International Business, Recognitional Responsibility of International HRM: Exhical Business, Social Responsibility of International HRM: Exhical Business, Social Responsibility of International HRM: Importance of HR in International Business, Recognitional Business, Recognition of International Business, marketing. Overview of International HRM: Importance of HR in International Business, Social Responsibility of International Business, Ethical Business, of this course students will be able to:

	Course outcomes: After successful completion of the	Mapping
COs	After successful completion of this course, students would be able to: Develop an understanding of the real challenges of the international business and understanding of the real challenges of the international business.	Employability
COS	After successful completion of this course, the international largests	
CO1:	After successful completion of this course, students would be able Develop an understanding of the real challenges of the international business environment in terms of economic, social-cultural, political and legal aspects. environment in terms of economic, social-cultural, political and legal aspects of the international trade which help students to develop a Explain theories involved in international trade which help students to develop marketing approach in a global scenario.	Skill developm
CO2:	Explain the six is a land in international trade which has	
	marketing approach in a global scenario. Formulate the various strategies used for entry in international markets and develop the best opposition of substitutions.	Skill developme
CO3:	Formulate the various strategies used for entry in me	
	the best organization structure.	Entrepreneursh
CO4:	the concept of evaluating risk in work	
	demand & international business negotiations.	Skill days
CO2:		Skill developme
	implications in business decision making.	

Suggested Text and Reference Books:

- 1. Hill, C.W. International Business. New Delhi: Tata McGraw Hill, 2008.
- 2. Keegan, J. W. Global Marketing Management. New Delhi: Pearson Education.
- 3. Daniel, J., & Lee, H. International Business Environment. New Delhi: Pearson Education.
- 4. Onkvisit, S., & Shaw, J. International Marketing. New Delhi: Pearson Education.
- 5. Derskey, H. International Management. New Delhi: Prentice Hall of India.
- 6. Aswattapa, K. International Business. New Delhi: Tata McGraw Hill.
- 7. Luce, In Spite of the Gods: The Strange Rise of Modern India, Doubleday, 2007.

8. Cavusgil, International Business: The New Realities, Pearson Prentice Hall, 2008

List of Open Source Software/learning website: https://onlinecourses.nptel.ac.in/noc20_mg54/preview

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		Maximu			Contact Hours		-				
	Maximum Marks Allotted Theory Slot					al Slot		per	we	ck	Total
Nama	End Term E		Con	tinuous duation	Continuous Evaluation		Total Marks	L	Т	p	Credits
Subject Name	End Sem	Personality	Mid Sem.	Quiz/ Assignment	Internal	External		1	-	-	
	Assessment	Overview	Exam			-	100	3	-	. 0	3
Decision Modelling	50	50 10		20				_	_	_	

ourse objective of this subject is to equip students with the essential skills and knowledge to tively analyze complex decision-making scenarios.

terstanding the origins and evolution of decision modeling, Exploring the fundamental principles of ision modeling, Unraveling the interplay between logic and intuition in decision-making, Delving o the history of decision modelling pioneers, Equipping readers with the necessary tools to embark their own decision modelling journey

Inveiling the core concepts and techniques of decision analysis, Investigating decision trees and their ole in structuring complex choices, Analyzing expected values, probabilities, and utility theory, Examining sensitivity analysis and risk assessment in decision-making, Presenting case studies and practical applications of decision analysis

Introducing decision support systems and their significance in decision modeling, Exploring various types of decision support systems, including expert systems and data-driven systems, Investigating the Unit III role of artificial intelligence and machine learning in decision support, Understanding the integration of data analytics and visualization in decision-making, Showcasing real-world examples of decision support systems and their impact

Unit IV

Understanding the challenges and complexities of decision-making with multiple criteria, Exploring various approaches and methodologies for multi-criteria decision-making, Examining decision matrices, pairwise comparisons, and weighted criteria, Analyzing multi-objective optimization and trade-off analysis, Illustrating practical applications and case studies of multi-criteria decision-making

Uncovering the importance of risk analysis in decision modeling, Investigating probabilistic techniques, such as Monte Carlo simulation and decision trees, Examining sensitivity analysis and expected utility under risk, Addressing risk assessment and risk management strategies, Presenting Manuel Manuel Andrew Andrew Andrew Andrews And real-world examples and case studies highlighting the role of risk analysis

	After successful completion of this course, students would be able to:	Mapping
COs	After successful completion of this course, students would generate tools to initiate the decision modeling journey, equipping the state of the stat	Skill developm
CO1:	Generate tools to initiate the decision	
	individuals to apply key concepts to real-world scenarios.	Skill developm
CO2:	Relate practical examples to decision analysis concepts, minutes	-c ve lopme
CO3:	Develop expertise in using decision support systems, deriving value from the	Entrepreneursh
	driven insights for complex decision scenarios.	-
CO4:	Categorize decision matrices and pairwise comparisons, breaking down	Employability
	multi-criteria assessment techniques for clarity.	
CO5:	Create decision support systems, incorporating expert systems and data-	Skill developmer
	driven approaches, to facilitate efficient and informed decision-making.	phile

Suggested Text and Reference Books:

- 1. March, J. G. (1994). A primer on decision making: How decisions happen. The Free Press.
- 2. Pidd, M. (2012). Tools for thinking: Modelling in management science (4th ed.). Wiley.

Jehnel My Hamel

- 3. Clemen, R. T. (1996). Making hard decisions: An introduction to decision analysis (2nd ed.). Duxbe
- 4. Goodwin, P., & Wright, G. (2014). Decision analysis for management judgment (5th ed.). Wiley.
- 5. Tversky, A., & Kahneman, D. (1974). Judgment under uncertainty: Heuristics and biases. Science

List of Open Source Software/learning website:

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			Maxim	um Ma	rks Allotted				Contact				
	Subject Name	Theory Slot				Practical Slot			Ho per	wee			
Subject Code		End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks	,	T.		Total Credits	
		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L	Т	P		
703005	Supply Chain Management	50	10	20	20	-	-	100	3	-	0	3	

Course Objectives:

Students will understand the framework and fundamentals of Supply Chain Management as the foundation for building and sustaining high performance and effectiveness in the organization.

Unit I

Supply Chain Management: Evolution, Concept, objectives & importance, competitive advantages through supply chain management, Analytics in SCM, Supply chain planning, Different views of supply chain, Supply chain drivers, Supply Chain strategy and its development, Strategic fit in supply chain

Unit II

Forecasting in SCM: Forecasting in supply chain, methods of forecasting, Bullwhip Effect & Timeseries analysis, Exponential smoothing method of forecasting, Forecasting errors and their measurement, Tracking signal and seasonality models, Forecasting using multiple characteristics in Demand Data and Inventory Management in Supply Chain

Unit III

Inventory, types of inventory, inventory systems, inventory modelling, role of distribution in a supply chain, factors influencing distribution network design, Inventory management in supply chain, Multi echelon Inventory Management, e-supply chain.

Network Design in Supply Chain, Network Design of Global Supply Chain, Alternative channels of Distribution, Location Decisions in Supply Chain, factors influencing network design decisions, framework for network design decisions, Network Optimization Models, Uncertainty in network design, Network Design in Uncertain Environment and Flexibility, Flexibility in Supply Chain

Optimal Level of Product Availability in Supply chain, Time Value of money in Supply Chain, Different types of Analytics in Supply Chain , Predictive Modelling in Forecasting in Supply Chain, Representation on Uncertainty in Supply Chain, Using Decision Tree for handling Uncertainty, Modelling Flexibility in Supply Chain; Trends, Challenges and Future of Supply Chain

Course outcomes focused on employability/entrepreneurship/ skill development

Co	urse outcomes focused on employability	Wapping
Co	arse outcomes recompletion of this course, students would be used	Skill development
COs	After successful completion of this course, students would be able to: After successful completion of this course, students would be able to:	Skill development
CO1:	Explain Network Design in Supply Chain Explain Network Design in Supply Chain and logistics working and its Develop the basic framework of supply chain and logistics working and its	Skill development
	i Corresponds of supply chain and legis	
CO2:	Develop the basic framework of safetives. significance in achieving the firm's objectives.	A
	significance in achieving the firm's objective.	
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M	ADHAV INSTITUTE OF TECHNOLOGY Autonomous & NAAC Accredited Institute Alima Measure the key concepts and techniques that allow to analyze, manage, and improve supply chain processes for different industries and markets.	Ent
	Measure the key concepts and techniques that allow to analyze, Measure the key concepts and techniques that allow to analyze, improve supply chain processes for different industries and markets. Analyze real life problems and situations, analyze them and apply critical thinking and learning skills related to solve them thinking and learning skills related to solve them	Em
CO3:	Measure the key concepts for different analyze them and	
	improve supply chain processes for improve supply c	Skil
CO4:	Analyze real life problems related to solve the	
	1 1 4100 11 00	
CO5:	Evaluate the role of analytics objectives	
	decompliant.	
	and let Edition	

1. Logistics and Supply Chain Management, MacMillan 2003, 1st Edition 2. Christopher, M. Logistics and Supply Chain Management: Strategies for Reduc Suggested Text & Reference Books:

3. Chopra, S., Meindl, P., &Kalra, D. V. Supply Chain Management –Strategy,

4. G Raghuram& N Rangaraj, Logistics and Supply Chain Management - Cases and (5. Levi, S. D. et al. (2003). Second Edition. Designing and Managing the Supply Cha

Strategies and Case Studies. Tata McGraw-Hill.

6. Christopher, M. (2000). Second Edition. Logistics & Supply Chain Management: S Reducing Cost & Improving Service. Pearson, India.

- 7. Shapiro, J. F. (2001). Modeling the Supply Chain. Duxbury.
- 8. Sople, Logistics Management. Pearson, India.
- 9. Agrawal, D. K. Supply Chain Management-Strategy, Cases & Best Practices. Macm
- 10. Shah, J. Supply Chain Management- Text and Cases. Pearson, India.

List of Open Source Software/learning website:

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	Maximum Marks Allotted								ont lou	act rs		
	Theory Slot					Practical Slot		per we				
Subject Name	End Term I	Evaluation	Continuous Evaluation		Continuous Evaluation		Total Marks	T	Т	P	Total Credits	
	End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L	T	P		
Service Marketing	50	10	20	20	-	-	100	3	-	0	3	

rse Objectives: appreciate the differences between services and physical goods and to understand how these erences translate into strategic direction and explore the global perspective of service marketing.

derstanding Services Marketing: Introduction, services in the modern economy, classification of vices, marketing services vs physical services, services as a system, marketing mix of service. stomer relationship marketing, the nature of service consumption, understanding the customer needs I expectations, strategic response to the intangibility of service performances.

rvices Market Segmentations: Service quality, understanding customer expectations and zone of lerance, segmenting, targeting, managing perishability, process of market segmentation, selecting the opropriate customer portfolio, creating and maintaining value relations, customer loyalty. Positioning service in the market, value addition to the service product, planning and branding service products, ew service development.

Pricing Strategies for Services: Service pricing, establishing monetary pricing objectives, foundations of pricing objectives, pricing and demand, putting service pricing strategies in to practice. Service promotion, the role of marketing communication, implication for communication strategies, setting communication objectives, marketing communication mix, external marketing, word of mouth communication, interactive marketing.

Planning and Managing Service Delivery: Employee's roles in service delivery, customer's roles in service delivery, delivering service through intermediaries and electronic channels, managing demand and capacity. Creating delivery system in price, cyber space and time, the physical evidence of the service space, the role of intermediaries, enhancing value by improving the quality and productivity

Marketing Plans for Services: The marketing planning process, strategic context, situation review marketing strategy formulation, resource all occasions and monitory marketing planning and services, Service deficiencies, consumer grievance recovery strategies. Services in e-platforms: Recent Trends in online and e- service platforms, Principal Driving Forces and business strategies of on-line services, Key Asher My NowW Decision area and Services Strategies

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	Autonomous & NAAC Accredited	
	Autonomous & Tital	Man
	Autonomous & NAAC Accredited Course outcomes focused on employability/entrepreneurship/ skill development After completing the course, a student will be able to: After completing the course, a student will be able to: Proctively manage the challenges posed by the	Mappin Skill develop
COs	After completing the course, a student was manage the corrections.	1
COI:		
CO2:	Formulate a strategic response to effect intangibility of service performances, enhancing customer relationship intangibility of service performances, enhancing customer relationship into the market, compare and contrast different approaches to positioning services in the market, highlighting value addition and differentiation strategies. Relate the role of marketing communication to service promotion, emphasizing its influence on customer engagement and overall success.	Skill develop
CO3:	Relate the role of marketing communication to service relatively, influence on customer engagement and overall success.	Entrepreneur
CO4:	Develop methods to enhance the quality and pro-	Entrepreneurs
CO5:	positively impacting value perception and customer loyalty. Create strategies to enhance the physical evidence of service spaces, visually reinforcing service quality and improving customer satisfaction.	cursh

Suggested Text and Reference Books:

- 1. Lovelock C, Service Marketing, Pearson Education
- 2. Venugopal V/ Raghu V N, Services Marketing, Himalaya Publishing House
- 3. Apte G, Service Marketing, Oxford University Press
- 4. Jha S M, Service Marketing, Himalaya Publications
- 5. Kandampully J A, Service Management, Pearson Education
- 6. K. Rama MohanaRao (2009), Services Marketing, Pearson Education, New Delhi
- 7. ValeriZeithmal, MaryJoBunter (2009), Services Marketing, Tata McGrawHill, New Delhi,
- 8. B. Sudhir, JawaharBabu, Subrahmanyam (2010), Services Marketing, Students helpl Publishing House Private Limited, Hyderabad.
- 9. Christopher Lovelock (2009), Services Marketing, Pearson Education, New Delhi.
- 10. Christian Gronrose (2009), Services Management and Marketing, Maxwell Macmillan, No.
- 11. Kenneth E. Clow, David L. Kurtz (2009), Services Marketing, Wiley India, New Delhi.

List of Open Source Software/learning website: https://onlinecourses.nptel.ac.in/noc20_mg12/preview

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			Maxim	um Ma	rks Allotted				-	urs		
			Theory S	Practical Slot			per week			Total		
Subject	Subject (tame	End Term F		Continuous Evaluation		Continuous Evaluation		Total Marks	L	T	P	Credits
Code			Personality		Quiz/ Assignment	Internal External						
					20	-	-	100	3	-	0	3
703007	Leadership & Team Effectiveness	50	10	20	20				_		_	

To develop students' understanding of effective leadership principles and strategies, and to enhance their Course Objectives: ability to build and lead high-performing teams.

Introduction to Leadership & Team Management; Leadership Myths, Leadership Development: Action-Observation-Reflection Model, Leadership Attributes; Personality Traits and Leadership; Personality Types and Leadership; Intelligence and Leadership; Emotional Intelligence and Leadership

LMX Theory and Normative Decision Model; Situational Leadership Model; Contingency Model and Path Goal Theory; Emotional Approach Charismatic and Transformational Leadership, Power and Leadership, :Leadership Behaviour; Leadership Pipeline; Assessing Leadership Behaviors: Multi-rater Feedback Instruments, Destructive Leadership

Negotiation and Leadership; Leadership under a crisis situation; The Situation and the Environment; Culture and Leadership; Global Leadership; Motivation and Leadership; Characteristics of Leader, Follower and Situation; Experiential Learning; Action Learning; Development Planning: GAP Analysis; Coaching and Mentoring; Women in Leadership Roles

Introduction to Groups and Teams; Group Dynamics; Team Formation; Delegation and Empowerment; Leading teams: Enhancing teamwork within a group; The leader's role in team-based organizations; Leader actions that foster Teamwork Effectiveness; Offsite training and team development; Understanding Team processes and Team Coaching; Team decision making and conflict management; Virtual teams; Managing Multicultural teams

Building Effective Relationship with subordinates and peers; Fostering Followers satisfaction; The Art of Communication; Setting Goals and Providing Constructive Feedback; Enhancing Creativity problem solving skills; Building High-Performance Teams: The Rocket Model; Building Credibility and Trust; Skills for Developing Others; Team Building at the Top; Community Leadership

solving skills; Building Fig. Team Building at the 197	
Skills for Developing. Others; Team Building at the Top, Skills for Developing. Others for Developi	
focused on employability/emices, students would be	hin
Course Outcomes focused on employability/entrepreneurship/skill devel p Course Outcomes focused on employability/entrepreneurship/skill devel p Mapping Cos After successful completion of this course, students would be Entrepreneur	snip
Course Outcomes for Completion of this Contribute to leadership able to: CO1: Explain how global leadership skills contribute to leadership Entrepreneur	
able to.	My
col: Explain effectiveness.	10
effectiveness.	

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000	Analyze principles and theories of loadership to the state of the description of the state of th
CO2:	
CO3:	1 DIIII
CO4:	behavior Evaluate the role of leadership in the development of an institution. Employability Develop a framework for the students and assess leadership Employability
CO5:	of Leadership and team effectiveness in organizations Skill Development of the students to understand the importance Skill Development of Leadership and team by analyzing factors influencing teamwork.
	and the team by analyzing factors influence
	and team leadership. Employability
Suggest	

Suggested Text and Reference Books:

- 1. Northouse, P. G. (2021). Leadership: Theory and Practice (9th ed.). Sage Publications.
- 2. Yukl, G. (2013). Leadership in Organizations (8th ed.). Pearson Education.
- 3. Lencioni, P. (2002). The Five Dysfunctions of a Team: A Leadership Fable. Jossey-Bass.
- 3. Lencioni, P. (2002). The Five Dysfunctions of a Team. A Leadership Factor of Englishing the Power of Englishing the English Intelligence. Harvard Business Review Press.

 5. Kouzes, J. M., & Posner, B. Z. (2017). The Leadership Challenge: How to Make Extraordinary The
- Happen in Organizations. Jossey-Bass.

 6. Collins, J. (2001). Good to Great: Why Some Companies Make the Leap... and Others Do Suggested Additional Readings:

- 1. Duhigg, C. (2016). Smarter Faster Better: The Transformative Power of Real Productivity. Random
- 2. Brown, B. (2018). Dare to Lead: Brave Work. Tough Conversations. Whole Hearts. Random House.
- 3. Pink, D. H. (2011). Drive: The Surprising Truth About What Motivates Us. Riverhead Books. 4. Sinek, S. (2014). Leaders Eat Last: Why Some Teams Pull Together and Others Don't. Portfolio.
- 5. Maxwell, J. C. (2018). The 21 Irrefutable Laws of Leadership: Follow Them and People Will Follow 6. Cuddy, A. (2016). Presence: Bringing Your Boldest Self to Your Biggest Challenges. Little, Brown and

List of Open Source Software/learning website: https://onlinecourses.nptel.ac.in/noc22_mg39/preview

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			Maxin	num M	arks Allottee	1			Contact			
	Subject Name	Theory Stot					Practical Slot		Hours per week			
Subject		End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks				Total Credits
		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L	T	P	
703008	Product & Brand Management	50	10	20	20			100	3	-	0	3

Course Objectives:

This course will attempt to understand various types of products in the product portfolio of an organization. Developing new products and eliminating exiting products from the portfolio will be examined.

Unit I

Product Management: Product Management: Introduction to Product Management Product Mix concepts. Product Classification, Management of New Product Development Process, Managing Product Life cycle, Product focused organization; Market focused organization, Factors influencing design of the product, Changes affecting product management.

Unit II

Brand Management: Introduction to Brand Management, Brand Management Process, Brand Choice Decisions and Models Brands v/s Products, Benefits of branding; Brand attributes, Significance of branding to consumers & firms, Brand Elements, Product Market Strategies: Product Evaluation Product Positioning: Concept, Product Differentiation, Preference Analysis, Benefit of Segmentation.

The Brand Equity concept, Brand Equity Models - Brand Asset Valuation, Aaker Model, BRANDZ, Brand Resonance, Brand Building; Brand building blocks and implications, Measuring Brand equity; Brand Value, Elements of Branding, Brand Identity, Brand Communication, Brand Positioning, Brand Image and Personality, Brand Valuation, Brand Tracking and Monitoring

Managing Brand Over Time, Building Brands in Indian Market, launching a New Brand, Revitalizing Brands, Brand Extension Strategies, Brand Portfolio Management, Managing Brands Across Geographical Borders, Brand Values, Brand Knowledge, Brand Values and Brand mantras.

Designing & Sustaining Branding Strategies: Brand hierarchy, Branding strategy, Brand extension and brand transfer, managing brand over time, Reinforcing Brands, Revitalizing Brands, Co-branding, Celebrity endorsement, Digital Branding, Employment Branding, Co-branding, Brand Crisis. Emerging Brand Applications, Managing Brand Experience.

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Suggested Text and Reference Books:

- 1. Keller, K. L. (2004). Strategic Brand Management: Delhi: Pearson Education.
- 2. Kotler, P., Keller, K. L., Koshy, A., &Jha, M. (2007). Marketing Management. New Delhi Pearson Education
- 3. Sengupta, S. (2006). Brand Positioning.
- 4. Majumdar, R. (2007). Product Management in India. Delhi: Prentice Hall of India
- 5. Kazmi, S. H. H. &Batra, S. K (2008). Advertising and Sales Promotion. New Delhi: Excel Books.
- 6. Strategic Brand Management Book by Kevin Lane Keller
- 7. B2B brand management Book by Philip Kotler

List of Open Source Software/learning website:

https://onlinecourses.nptel.ac.in/noc22_mg82/preview Herry Why Manuel

		Maximum Marks Allotted							Contact Hours			
bject	Subject Name	Theory Slot					Practical Slot		per week			
		End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks	*	Т	P	Total Credits
Code		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L	1	P	
03010	Service Operation Management	50	10	20	20	-	-	100	3	-	0	3

Course Objectives:

To understand underlying concepts of service management and developing ability to design service delivery systems to fulfill needs of various customers.

Unit I

Introduction of service operations management, types of services and processes, service matrix, Understanding the nature of services, Aligning service strategy and service competitiveness.

Unit II

New Service Development - Designing of Service delivery Mechanism, Service design, development & automation, Managing human resource in services, Service encounter

Unit III

Service Quality: Concept and Models; Service recovery and Service guarantee, Service facility design and facility location, Demand Management in Services, Capacity Management or Supply Management in Services,

Complaint management, Service Encounter, Productivity and Performance measurement, Service Inventory Management, Service Supply Chain Management, Global trends in services sector.

Unit V

Queuing System: Introduction & characteristics, Application of simulation in service operations management, Vehicle routing and scheduling; Services management in IT/ITES sectors: Call Centre Operations, Web-enabled Services, ERP enabled Services, Tele marketing.

Course outcomes focused on employability/entrepreneurship/ skill development

	n a blotor	Mapping
COs	After completing the course, a student will be able to: Map and evaluate service matrix; relate service strategy and competitiveness	Skill Development
CO1:	according to the processes of the service mina	Entrepreneurship
CO2:	Design service delivery mechanism, manage mand management in services; Evaluate service quality models; analyse demand management in services;	Skill Development
CO3:	Evaluate service quality models, analyse formulate supply management in services Examine the service supply chain management, and global trends in service	Skill Development
CO4	sector Application of simulation in service operations management	Skill Development; Employability
COS	· N U	

Suggested Text& Reference Books:

1. Richard B. Chase, Operations management, TMH.

- 2. Robert Johnston, Service Operations Management: Improving Service Delivery, Pearson
- 3. KanishkaBedi, Production and operations management, Oxford

4. SN Chary, Production and operations management, TMH.

- 5. Fitzsimmons, J.A. and Fitzsimmons, M.J. (2014), Service Management: Operations, Strategy, Information Technology, 7th, McGraw-Hill: New Delhi
- 6. Metters, R., Metters, K.K. and Pullman, M. (2008), Service Operations Management, Cengage Learning: New Delhi.
- 7. C. Haksever, Render B., Russel S. R. and Murdick R. G. (2007), Service Management and Operations, 2nd Ed. Prentice Hall.

List of Open Source Software/learning website:

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			Maxi	mum N	Aarks Allotte	d			Contact			Total
Subject Code	Name	Theo	ry Slot		Practic	cal Slot			Hours			
		End Term	Evaluation	Continuous Evaluation		Continuous Evaluation		Total	per week			
		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment		External	Marks	L	т	P	
703011	Database Management System	50	10	20	20	-	-	100	3	-	0	3

Course Objectives:

The course objective of this subject is to describe key concepts, issues, and operational terminology and to understand the relationships of key components behind concepts such as hardware, networks, data storage, operating systems, and software programs.

Unit I

Introduction: Advantage of DBMS approach, various view of data, data independence, schema and sub-schema, primary concepts of data models, Database languages, transaction management, Database administrator and users, data dictionary, overall system architecture. ER model: basic concepts, design issues, mapping constraint, keys, ER diagram, weak and strong entity sets, specialization and generalization, aggregation, inheritance, design of ER schema, reduction of ER schema to tables.

Unit II

Domains, Relations and Keys: domains, relations, kind of relations, relational database, various types of keys, candidate, primary, alternate and foreign keys.

SQL: basic structure of SQL, set operations, aggregate functions, null values, nested sub queries, derived relations, views, modification of Database, join relations, DDL in SQL.

Unit III

Distributed Database: basic idea, distributed data storage, data replication, data fragmentation-horizontal vertical and mixed fragmentation

Storage structure and file organizations: overview of physical storage media, magnetic disks-performance and optimizations.

Unit IV

Transaction, concurrency and Recovery: basic concepts, ACID properties, Transaction states, implementation of atomicity and durability, concurrent executions, basic idea of serializability, basic idea of concurrency control, basic idea of deadlock, failure classification, storage structure types, stable storage implementation, data access, recovery and atomicity-log based recovery, deferred Database modification, immediate Database modification, checkpoints.

Unit V
Basic idea of RAID, file organizations, organization of records in files, basic concepts of indexing, ordered indices, basic idea of B-tree and B+-tree organization.

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COs	After successful completion of this course, students would be able to:	
CO1:	Differentiate database systems from file systems by enumerating the	Mapping Skill development
	1 dulabase systems	
CO2:	Explainthe terminology, features, classifications, and characteristics embodied indatabase systems.	Skill development
CO3:	Design principles for logical design of databases, including the E□R method	Entrepreneurship
CO4:	Evaluate database storage structures and access techniques	Employability
CO5:	Identify the issues of transaction processing and concurrency control.	Skill development
CO6:	Analyze an information storage problem and derive an information model expressed in the form of an entity relation diagram, binary tree, etc.	Employability

Suggested Text and Reference Books:

- 1. Database System Concepts A Silberschatz, H.F Korth, Sudersan, MGH Publication.
- 2. An introduction to Database Systems C.J Date 6 th ed.
- 3. Fundamentals of Database systems Lelmasri & Davathe III ed.
- 4. An introduction to Database systems B.C. Desai.

List of Open Source Software/learning website:

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			Maxi	mum M	arks Allotted	1			Contact				
	Subject Name	Theory Slot				Practical Slot			Hours per week				
Subject Code		End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks				Total Credits	
			End Sem Assessment	Personality Overview	Sem	Quiz/ Assignment	Internal	External		L	Т	Р	
703012	Labor Laws	50	10	20	20	-	-	100	3	-	0	3	

Course Objectives:

To learn the laws relating to Industrial Relations, Social Security and Working conditions and understand the laws related to working conditions in different settings

Unit I

Introduction to Labour Legislations and Regulatory Laws: Meaning and classification of Labour legislations in India. History & Development of Labour Legislations in India.

Unit II

Laws relating to working conditions - Factories Act, Shops & Establishment Act, Contract Labor (Abolition & Regulation) Act.

Unit III

Laws relating to Social Security- Employees Provident Fund Act- Employees State Insurance ActWorkmen's Compensation Act-Payment of Gratuity Act-Maternity Benefit Act. Unorganized Workers Social Security Act, 2008..

Unit IV

Laws relating to employment, service conditions, Employee Relations- the Industrial Disputes Act-Trade Unions Act- Industrial Employment (Standing Orders) Act.

Unit V

Laws relating to Wages-The Minimum Wages Act- the Payment of Wages Act-Equal Remuneration Act-Payment of Bonus Act.

Course Outcomes focused on employability/entrepreneurship/skill development:

COs	After successful completion of this course, students would be	Mapping
	able to:	Employability
CO1:	Analyse the judicial setup of Labour Laws. Measure the salient features of welfare and wage Legislations	Skill Development
CO2:	Measure the salient features of welfare and wage Beginnites. Develop the knowledge of Labour Law in General HRD Practice.	Skill Development
CO3:	Recommend the laws relating to Industrial Relations, Social Security	Entrepreneurship
CO4:	and Working conditions	Skill Development
CO5:	Explain procedural and industrial discipline	\
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Suggested Text & Reference Books:

- 1. Kumar H.L., (2002). Practical Guide to Contract Labour Regulation & Abolition Act & Rules.
- 2. Mathur, A.S. (1968). Labour Policy and Industrial Relations in India. Agra: Ram Prasad.
- 3. Singh, Avtar. (2002). Introduction to Labour & Industrial Law. New Delhi: LexisNexis.

List of Open Source Software/learning website:

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Subject Code			Maxi	mum N	farks Allotte	ď		-				
	Culdian s	-	Theory Stot				Fore and				net	
	Sangeet Name	End Term	Evaluation	C	ontinnous	-	inuous		Hours per week			
		End Sem	Personality	Evaluation Mid		E said Francisco		Total Marks				Total
	Sales & Distribution Management	ressessment	Overview	Sem.	Quiz/ Assignment	Internal	External		L	T	P	Credit
703013		50		Exam 20	Siment		Sater Hall					
			10		20			100	3			

To discuss various aspects of the sales function ranging from various sales organization structures to the role of the sales manager in improving sales by hiring, training, motivating and leading the sales force. Unit I

Introduction: Nature, scope and meaning of sales management, evaluation of sales management, roles, types and skills of sales managers, sales objectives, strategies and tactics, emerging trends sales management, linking sales and distribution management, psychology and selling-buying decisions, sales knowledge and sales related marketing policy's-sales process, transactional and relationship selling. Unit II

Management of Sales: Concept of sales organization, types of sales organization structures, specialization with in sales organization, sizing and staffing the sales force, training and motivating sales force, compensating and leading sales force, sales force expenses, marketing audit, sales force audit, evaluation of sales organization, evaluating and controlling the performance of sales force. Unit III

Analyzing Market Demand and Sales Potential:Strategic planning, role of marketing and sales, marketing and personal selling strategies, sales strategy, developing sales forecast, forecasting approaches, sales budget. Preparation of Sales Budget, Sales Quota and Designing Sales Territories. Sales Organization, Designing the Structure and Size of Sales Force, Recruitment and Selection of Sales Force, Motivating, Training and Compensating the Sales Force, Evaluation and Analysis of sales force.

Unit IV

Distribution Channel: Introduction, importance, types, functions, and design of Channels. Overview of Channel Management decisions, Channel conflict and resolution. International channels of Distribution. Major modes of transportation, Multimodal Transport System- Overview, Containerization, Multimodalism in India. Third Party Logistics- Service providers, Risks of Outsourcing and risk management.

Unit V

Distribution Management: Indian distribution system; distribution logistics; distribution costs and control; role and functions of intermediaries; selection and motivation of intermediaries. Participants in physical distribution process, Channel Intermediaries - Wholesaling and Retailing, Channels for Consumer goods, Industrial Goods & Services - Integrated Marketing Channels - Horizontal, Vertical,

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and Multi-channel marketing Systems - International Marketing Channels, Marketing Channel Policies and Legal Issues.

Course outcomes focused on employability/entrepreneurship/ skill development

CO ₃	After completing the course, a student will be able to:	Mapping
; CO1	Generate comprehensive sales knowledge and marketing policies that enhance customer relationships and drive transactional and relationship selling.	Skill development
CO2	Modify traditional sales approaches to adapt to the changing scope of sales management, considering the roles and skills of modern sales managers.	Skill development
CO3	Compare different methods of sales force compensation, evaluating their impact on motivation and performance within sales organizations.	Skill development
CO4 :	Judge the adequacy of sales budgets and quotas, comparing their design with market demand, to ensure realistic sales targets.	Entrepreneurship
CO5	Create integrated marketing channel policies, aligning horizontal, vertical, and multi-channel systems with organizational goals.	Entrepreneurship

Suggested Text & Reference Books:

- Jobber, D. & Lancaster, G. (2008). Selling and Sales Management. New Delhi: Pearson Education.
- Still, Richard R., Cundiff, E. W. &Govoni, N. (2007). Sales Management Decision, Strategies and Cases, New Delhi: Pearson Education/Prentice Hall of India.
- Spiro, R., Stamon, W. and Rich, G. (2003). Management of a Sales Force. New Delhi: McGraw Hill.
- 4. Kapoor, S. K., &Kansal, P. (2006). Basics of Distribution Management. New Delhi: Prentice Hall of India.
- Rosenbloom, B. (2008). Marketing Channels: A Management View. New Delhi: Thomson Learning.
- Dalrymple, D. J., Cron, W. L. & Decarlo, T. (2005). Sales Management. New Delhi: John Wiley & Sons (Asia) Pvt. Ltd.
- 7. Still Cundiff, Govani: "Sales Management -Decision, Strategies and Cases" Prentice hall 2009.

List of Open Source Software learning website:

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		Maximum Marks Allotted			Contact								
			Theory	Slot		Practi	cal Slot		Hours per week				
Subject Code	Subject Code	Subject Name	End Term	Evaluation		atinuous aluation	Continuous Evaluation		Total Marks				Total Credits
		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External	L		T	P		
703014	Investment & Portfolio Management	50	10	20	20		-	100	3		0	3	

Course Objectives:

To expose the students to the concepts, tools and techniques applicable in the field of security analysis and portfolio management.

Unit I

Investment - meaning, nature and scope of investment analysis - elements of investment - types of investments, Overview of Capital Market: Market of securities, Stock Exchange and New Issue Markets - their nature, structure, functioning and limitations.

Unit II

Risk & Return: Risk Return concept, Calculation of Risk and Return of single security and Portfolio, systematic and unsystematic risk, multifactor model of risk & return, efficient capital markets, concept of beta, SML and CML valuations.

Unit III

Portfolio Theory: Portfolio Concepts and Evaluation, Portfolio and security returns, diversification, markowitz model, sharpe index model, factor models and arbitrage pricing theory, portfolio investment process, portfolio management strategies, sharpe and treynor measures.

Unit IV

Technical Analysis: Dow Theory, Support and Resistance level, Type of charts & its interpretations, Trend line, Gap Wave Theory, Relative strength analysis, Technical Versus Fundamental analysis. Nature of Stock Markets: EMH (Efficient Market Hypothesis) and its implications for investment decision. Capital market theorem, CAPM (Capital Asset Pricing Model) and Arbitrage Pricing Theory. Case Studies.

Unit V

Bond Market: Bonds - Fundamentals of bond, valuation; Interest rates, spot rate, forward rate and yield curve Bonds - Term structure of interest rates Bond.

focused on employability/entrepreneurship/ skill development

	After successful completion of this course, students would be able to:	Mapping Skill developmen			
	Explain the characteristics of various investment alternatives available to	Skill development			
CO2: N	Measure the Risk and Return of Single security.	Skill development			

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CO3:	Create portfolio strategies for active portfolio	Employability
CO4:	Analyze performance of the secondary capital market by using technical and	Employability
CO5:	fundamental analysis	Entrepreneurship

Suggested Text & Reference Books:

- 1. Sidney Cottle, Roger F. Murray, Frank E. Block, Graham and Dodd: Security Analysis, Tata McGraw-Hill, New Delhi.
- 2. Reilly, Investment Analysis and portfolio management, 2009 edition, Cengage Learning
- 3. Bodie, Kane and Marcus, Investments, 9th edition, TMH.
- 4. Prasanna Chandra, Investment Analysis & Portfolio Management, 6th Edition, TMH
- 5. Bodie, Kane, Marcus & Mohanti Investment and Indian Perspective (TMH)
- 6. William F. Sharpe, Gordon J.Alexander and Jeffery V.Bailey: Investments, (Prentice Hall).
- 7. Abhishek Kumar, Index Investing, 2020, SAGE Publishing
- 8. Donald E. Fischer and Ronald J.Jordan: Security Analysis and Portfolio Management, (Pearson Education,)

List of Open Source Software/learning website:

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			Maxir	num M	arks Allotted	1			Co	nta	et						
Subject Code		Theory Slot Practical Slot				Practical Slot		Theory Slot Practical Slot			Theory Slot Practical Slot				our	s	
	Subject Name	Subject Name End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks	per	W	ek	Total Credits					
			End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L	T	P	Credits				
703015	Management of Inventory Systems	50	10	20	20	-	-	100	3	-	0	3					

Course Objectives:

This course will help students in efficient and economical handling of materials and storage lowers the acquisition and possession cost resulting in the reduction in the real cost.

Unit I

Introduction to Inventory and Materials Management: Concepts and Issues, Types of inventory, Inventory costs and their measurement, Structure of inventory models, Importance and areas of materials management. Inventory Problems and Selective Inventory Management: Classification of inventory problems, Importance-based classification of inventory, selective inventory management techniques and their use, Numerical problems.

Unit II

Static Inventory Problems under Risk: General characteristics, Opportunity cost matrix and cost structure, Mathematical formulations (discrete and continuous cases), Imputation of costs, Numerical problems. Static Inventory Problems under Uncertainty: General characteristics, Decision criteria for uncertainty and inventory problems, Distribution-free analysis (Tchebycheff and other inequalities), Comparison of analyses with full and partial information, Numerical problems.

Unit III

Dynamic Inventory Problems under Certainty: General characteristics, Fixed Order Size System (EOQ and its variants), Economic Production Quantity (EPQ), Fixed order interval system, Inventory problem formulation and solution under constraints, Numerical problems. Dynamic Inventory Problems under Risk: General characteristics, Types of inventory control systems with known stock-out costs and service levels, Approximate and exact methods for safety stock determination, Numerical problems.

Unit IV

MRP, MRP-II and DRP: Concepts and Issues of MRP, Design of MRP system and its variants (MRP-II and DRP), Numerical problems. JIT-based Approaches for Materials Management: Concepts and Issues, Relationship with Lean Engineering practices, Design of JIT-based inventory management systems, Numerical problems. Basics of Purchasing Management: Fundamentals and importance of industrial purchasing, Types of purchasing, Related techniques (non-quantitative and quantitative) in purchasing, Measurement and evaluation of performance of suppliers and purchasing systems, Numerical problems.

Unit V

Theory of Constraints and Materials Management: Concept and Issues, Bottleneck and non-bottleneck resources, Process and transfer batches, Capacity constraint resources, D-B-R scheduling and VAT denni sept

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plants, Effect on materials management, Numerical problems. Value Engineering/Analysis and Stores Management: Objectives and issues of Value Engineering/Analysis (VE/VA), Steps in VE/VA, Effects on purchasing and materials management, Basics of and approaches for stores management, Numerical problems. Logistics and Supply Chain Management: Trends and issues, Push versus Pull distribution problems. Logistics and Supply Chain Management: Trends and issues, Push versus Pull distribution system, Basic Issues in Design for Logistics, SCM, and Greening SC, Inventory system development, Numerical problems.

Course outcomes focused on employability/entrepreneurship/ skill development:

		Mapping
COs	After completing the course, a student will be able to	Skill development
CO1:	Understand the role of inventory management and investigate the associated	Skill development
CO2:	Analyze various tools and techniques of inventory control. Illustrate various	
	accounting practices related to inventory.	Employability
CO3:	Investigate dynamic inventory problems, EOQ model concept	Employability
CO4:	Analyze the aspects of materials handling and learn how to keep the balance between priority and capacity. Test JIT and EOQ model concept in inventory management	Employaemy
	Evaluate the requirements for maintaining an optimum level of inventory of	Skill development
CO5:	materials; inventory system development. Develop different models of determining best order size in deterministic as well as probabilistic situations	·

Suggested Text & Reference Books:

- 1. Starr, M K and Miller, D W, Inventory Control: Theory and Practice, Prentice Hall.
- 2. Tersine, R J, Principles of Inventory and Materials Management, PTR Prentice Hall.
- 3. Silver, E A, Pyke, D F and Peterson, R, Inventory Management and Production Planning and Scheduling, John Wiley.
- 4. Krishnan Dr. Gopal Material Management, (Pearson, New Delhi, 5th Ed.)
- 5. Dutta, A.K. Integrated Materials Management, New Delhi, PHI.
- 6. Sople, V. V. Logistics Management. New Delhi: Pearson Education P. Ltd.
- 7. Raghuram G. (I.I.M.A.) Logistics and Supply Chain Management (Macmillan, 1st Ed.).
- 8. Gopalakrishanan P and Sundershan M. Handbook of Materials Management. New Delhi, Prentice Hll, of India.
- 9. Dobler, D.W. etc. Purchasing and Materials Management. New York, McGraw Hill.

List of Open Source Software/learning website:

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Subject Code	Subject Name		Theory Slot	heory Slot Practical Slot		cal Stat		Contact Hours per week				
Code	Enc Enc	End Term	Term Evaluation		Continuous		nuous				Total	
		End Sem Assessment	Overview	Mid Sem.	Quiz/	Eval		Total Marks	L	Т	P	Total Credits
703016	E-Rusiness	50		Exam A	Assignment	ternal	External					
			10	20	20	-	-	100	3		0	2

Course Objectives:

To equip individuals with the knowledge and skills to thrive in the digital era by understanding the fundamental principles, strategies, and best practices of e-business, enabling them to harness the potential of digital technologies for entrepreneurial success and sustainable growth.

In this unit, we lay the foundation by introducing the concept of e-business and its significance in the modern business landscape. We explore the evolution of e-business, its advantages, challenges, and opportunities. Topics covered include the digital transformation, e-business models, and the impact of

Unit II

This unit delves into the fundamental principles of e-commerce, focusing on the various models, platforms, and strategies for online buying and selling. We examine e-commerce infrastructure, payment systems, security measures, and consumer behavior in the digital marketplace. Additionally, we discuss emerging trends in e-commerce, such as mobile commerce and social commerce.

Unit III

In this unit, we explore the dynamic field of digital marketing and advertising. We delve into strategies for reaching and engaging target audiences through various online channels, including search engine optimization (SEO), social media marketing, content marketing, and email marketing. We also examine the role of data analytics in optimizing marketing campaigns and measuring their effectiveness.

Unit IV

A well-designed and user-friendly website is crucial for e-business success. In this unit, we delve into the principles of website design and user experience (UX). We discuss the importance of intuitive navigation, responsive design, visual aesthetics, and usability testing. We also explore the role of persuasive design techniques in enhancing conversions and driving customer engagement.

Unit V

Data is the lifeblood of e-business. In this unit, we explore the power of data analytics and business intelligence in driving informed decision making and gaining a competitive edge. We delve into data collection, storage, analysis, and visualization techniques. Topics covered include predictive analytics, customer segmentation, data-driven decision making, and the ethical considerations surrounding data Mani Mani

Course Outcomes focused on employability/entrepreneurship/skill development:

COs	After successful completion of this course, students would be able to:	Mapping
CO1:		
CO2:	Explain the key concepts and principles of e-business.	Entrepreneurship
	Measure the role of e-commerce infrastructure in facilitating online transactions.	Employability
CO3:	Design e-commerce strategies and best practices to real-world business scenarios.	Employability
CO4:	Analyze consumer behavior in the United	Skill Developmen
CO5:	Evaluate the effectiveness of digital marketing campaigns using relevant metrics and analytics.	Employability

References:

- 1. Chaffey, D., & Ellis-Chadwick, F. (2019). Digital marketing: Strategy, implementation and practice.
- 2. Laudon, K. C., & Traver, C. G. (2019). E-commerce: Business, technology, society. Pearson.
- 3. O'Brien, J. A., & Marakas, G. M. (2018). Management information systems. McGraw-Hill Education.
- 4. Turban, E., Outland, J., King, D., Lee, J., & Liang, T.-P. (2018). Electronic commerce: A managerial and social networks perspective. Springer.

Suggested Additional Readings:

- 4. Lee, I., & Lee, K. (2019). The internet of things (IoT): Applications, investments, and challenges for enterprises. Business Horizons, 62(1), 105-114.
- 5. Rayport, J. F., & Jaworski, B. J. (2004). Best face forward: Why companies must improve their service interfaces with customers. California Management Review, 47(3), 35-58.
- 6. Rogers, M. (2016). The digital transformation playbook: Rethink your business for the digital age.
- 7. Strauss, J., & Frost, R. D. (2020). E-marketing. Routledge.
- 8. Wang, H. J., & Sun, S. Y. (2010). The influence of online store design on consumer's emotional responses: An experimental study of utilitarian and hedonic online shopping. International Journal of Electronic Business Management, 8(4), 272-281.

List of Open Source Software/learning website: https://onlinecourses.nptel.ac.in/noc19_mg54/preview

COURSE OUTLINE OF MANDATORY AUDIT COURSE (MAC)

Subject Code		Maximum Marks Allotted							Contact				
			Theory	Slot		Practi	cal Slot			Hours per week			
	Subject Name	End Term Evaluation		Continuous Evaluation		Continuous Evaluation		Total Marks				Total Credits	
		End Sem Assessment	Personality Overview	Mid Sem. Exam	Quiz/ Assignment	Internal	External		L	T	P		
703018	Entrepreneurship and Innovation (MAC)*	50	10	20	20	-	-	100	1	1	0	2	

^{*}MAC: Mandatory Audit Course will be compulsory to pass which will be a mandate to award the final degree. On the basis of continuous assessment and on recommendation of the Department with final grades/marks, the Examination cell will issue a certificate for this course.

Course Objectives:

This course aims to provide students with an understanding of the nature of enterprise and entrepreneurship and introduces the role of the entrepreneur, innovation and technology in the entrepreneurial process. The course content is relevant to those individuals thinking about starting a business, those who are interested in commercialising their own innovations or of others, and those who advise entrepreneurs or engage in policy making in the entrepreneurship area.

Unit I

Concept of Entrepreneurship, Traits of Entrepreneur, Distinction between Entrepreneur and Managers, Difference between Inventors and Entrepreneurs, Entrepreneurship- Mindset, Big companies v/s startups, Inspiration from Role Models and Social support; Misconceptions and Myths of Entrepreneurs, Business Model.

Entrepreneurship Development in Emerging Markets: Types of Start-ups, Intrapreneurship, Small & Medium Business Enterprises, International entrepreneurship, Mistakes start up makes

Leader v/s Manager, why do ventures require Dynamic leaders, Principle centred Leaders, Entrepreneurial leadership, Components of Entrepreneurial Leadership

Unit II

Introduction, Creativity & Entrepreneurship, Characteristics of Creative People, Blocks to creativity, Creativity at work- A must for survival, Sources of new ideas, Techniques for generating ideas Introduction, Opportunity definition, Opportunity recognition, Opportunity Process, Sources of Opportunity Indian Economy- Opportunity, Steps involved in Assessing Business Potential of an Idea, Steps involved in Tapping opportunity.

Intellectual Property rights, IPR and their Importance, Importance of IP for start-up? What is Patent? International Patents Trademarks, Copy rights.

Unit III

Entrepreneurial Opportunities and Business Plan, When, Business Plan Drivers, Perspectives to be considered in Business Plan Preparation, Basics of Business Plan, Pitching a business Plan, Reasons of failure of Business plans.

Small Scale Industry: Characteristics of SSI, Role of SSI in Economic Development, Advantages of Small-Scale Industries, Government Support to SSI during Five Year Plan, Impact of Globalization and Liberalization on SSI, Impact of WTO/GATT on SSI, Ancillary, Tiny and Service Industries