Davangere University

Institute of Management Studies

Course Structure for Two Years MBA Program with Dual Specialization for the academic year 2024-25

Semester-I

	(521)	27+1	28		210	490	0	700
7	1.7.Information Technology for Managers (SEP)	3+1 (1 Hr practical)	4	3Hrs	30	70	0	100
6	1.6.Business and Legal Environment(CPT)	4	4 *	3 Hrs	30	70	0	100
5	1.5.Corporate Communications and Skills. (CPT)	4	4	3 Hrs	30	70	0	100
4	1.4.Fundamentals of Business Analytics. (CPT)	4	4	3 Hrs	30	70	0	100
3	1.3.Managerial Decision Analysis. (CPT)	4	4	3 Hrs	30	70	0	100
2	1.2.Accounting and Financial Statements. (CPT)	4	4	2 Hrs	30	70	0	100
1	1.1.Management Process and Practice. (CPT)	4	4	3 Hrs	30	70	0	100
Sl.No	Paper	Instruction (Theory) Hrs per Week	No of Credits	Duration of the Exam.	IA	Theory	Practical Exmn. /Field work	Total

CPT: CORE PAPER THEORY

SEP: SKILL ENHANCEMENT PAPER

Mandatory Activity for 1st Semester: A student must visit industry to enhance practical exposure on the subjects studied in the semester.

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Semester-II

Sl.No	Paper	Instruction (Theory) Hrs per Week	No of Credits	Duration of the Exam.	IA	Theory	Practical Exmn. /Field work	Total
1	2.1. Operations and Quality Management. (CPT)	4	4	3 Hrs	30	70	0	100
2	2.2. Marketing Management. (CPT)	4	4	2 Hrs	30	70	0	100
3	2.3. Financial Management. (CPT)	4	4	3 Hrs	30	70	0	100
4	2.4. Human Resource Management. (CPT)	4	4	3 Hrs	30	70	0	100
5	2.5. Organization Behavior. (CPT)	4	4	3 Hrs	30	70	0	100
6	2.6. Operations Research and Analytics. (CPT)	4	4	3 Hrs	30	70	0	100
7	2.7. Research Methods and techniques (SEP)	3+1 (1 Hr practical)	4	3Hrs	30	70	0	100
	2	27+1	28		210	490	0	700

CPT: CORE PAPER THEORY

SEP: SKILL ENHANCEMENT PAPER

Mandatory Activity for 2^{nd} Semester: A student must visit industry to enhance practical exposure on the subjects studied in the semester.

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Semester-III

Sl.No	Paper	Instruction	No of	Duration	IA	Theory	Total
	,	(Theory)	Credits	of the			
	,	Hrs per Week		Exam.			pc
	3.1: Corporate						
1	Governance and	4	4				100
	Business Ethics			3 Hrs	30	70	100
	(CPT)	·					
2.	3.2: Startups						
	and incubation	4	4		2		
	Management			3 Hrs	30	70	100
	(GEP)						
	3.3: (DEP)						,
3	FM1/MM1/HRM1	4+4	3+3	3 Hrs	30x2=60	70x2=140	100x2=200
	3.4: (DEP)					70x2=140	100x2=200
4	FM2/MM2/HRM2	4+4	3+3	3 Hrs	30x2=60	7022 140	100%2 200
	3.5 : (DEP)					70x2=140	100x2=200
5	FM3/MM3/HRM3	4+4	3+3	3 Hrs	30x2=60	702 140	10022 200
	3.6. In plant						
6	Training Report	2	2		10	40	50
	(SEP)				10	40	30
7	3.7: OEP	2	2	2 Hrs	10	40	50
		36	30		260	640	900

CPT: CORE PAPER THEORY
DEP: DISCIPLINE ELECTIVE PAPER

SEP: SKILL ENHANCEMENT PAPER AEP: ABILITY ENHANCEMENT PAPER.

Mandatory Activity for 3rd Semester: A student must visit industry to enhance practical exposure on the subjects studied in the semester.

	OEP: OPEN ELECTIVE PAPER
OEP1:	Management Skills
OEP2:	Technology for Managers
OEP3:	Social Media and Digital Marketing

^{**} Students of the Department are offered Duel Specialization where the students can choose two amongthe three streams of specialization offered (Finance, HR and Marketing)

DEP: DISCIPLINE ELECTIVE PAPER						
Financial Management	Marketing Management	Human Resource				
		Management				
F1:Investment Analysis	MM1: Consumer Behavior	HRM1: Training and				
and Portfolio Management	and Marketing Research	Development				
F2: Banking and Insurance	MM2: Advertising and	HRM2: PerformanceManagement				
Management	Brand Management	and Competency Mapping				
F3: Behavioral Finance	MM3: Retail Management	HRM3: LearningOrganization and				
and Modeling	and E Commerce	Development				

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Semester-IV

Sl.No	Paper	Instruction (Theory) Hrs per	No of Credits	Duration of the Exam.	IA	Theory	Total
		Week		Diani.		¥	
	4.1: Sustainable						
. 1	Development	*		1			100
	for	4	4	3 Hrs	. 30	70	100
	Business. (CPT)						Q
2.	4.2: Strategic						
	Management and	4	4	3 Hrs	30	70	100
	leadership (AEP)	7	7	5 1113	30	70	100
	4.3: (DEP)						
3	FM2/MM2/HRM2	4+4	3+3	3 Hrs	30x2=60	70x2=140	100x2=200
	4.4 : (DEP)					70x2=140	100x2=200
4	FM3/MM3/HRM3	4+4	3+3	3 Hrs	30x2=60	7072 140	10022 200
	4.5: (DEP)					70x2=140	100x2=200
5	FM1/MM1/HRM1	4+4	3+3	3 Hrs	30x2=60	70X2 140	100%2 200
	4.6: Project Work						
6	(Report and case	2	2	0	30	70	100
	writing skills).		,				
	(SEP)			90			
		34	28		270	630	900

CPT: CORE PAPER THEORY
DEP: DISCIPLINE ELECTIVE PAPER

SEP: SKILL ENHANCEMENT PAPER AEP: ABILITY ENHANCEMENT PAPER.

DEP: DISCIPLINE ELECTIVE PAPER					
Financial Management	Marketing Management	Human Resource			
		Management			
F4: Corporate Finance and	MM4: International	HRM4: Strategic and			
Restructuring	Marketing	International HRM			
F5: International Financial	MM5: Industrial and	HRM5: HR analytics			
Management	services Marketing	•			
F6: Derivatives and Risk	MM6: Rural and Digital	HRM6: Industrial			
Management	Marketing	Relations Management			

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NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 1.1 NAME OF THE COURSE: MANAGEMENT PROCESS & PRACTICE

Course Credits	No. of Hours per Week	Total No. of Teaching Hours				
4 Credits	4 Hrs	64 Hrs				
Pedagogy: Padagogy: Lacturing in combination with Case analysis Crown discussion and Casiling						

Pedagogy: Pedagogy: Lecturing in combination with Case analysis, Group discussion and Seminars.

Course Objective:

The course aims to help the students to gain understanding of the functions and responsibilities of managers and to provide them tools and techniques to be used in the performance of the managerial job. It also enables them to analyse and understand the environment of the organization.

Course Outcomes:

- 1. Principles and practices of management is an introductory course on management process from managers' perspective.
- 2. The course seeks to help students acquire the requisite knowledge, skills and abilities needed to successfully manage the organization.
- 3. The course examines the logic and working of organizations and outlines the major functions of management.

Syllabus:	Teaching	Total
	Hours	Hours
Model- 1: Introduction UNIT- 1		
Essential of Management, Meaning, Definitions, Characteristics, Scope, the Management Process, Evolution and Contributions to Management Thought. UNIT- 2	04	
Roles of managers, Managerial skills and functions of managers, levels of management, and differences between managers, leaders, and administrators. UNIT-3	06	16
Characteristics of excellent companies and successful business leaders, Japanese management and its unique features, Management practices of top Fortune Ten Indian companies. [case study to be discussed]	06	
Module - 2: Planning and Organisation UNIT- 1 Planning definitions, Nature of Planning, Planning process, Barriers to Effective	04	
Planning, Reasons for Failure, and Guidelines for Effective Planning. UNIT- 2		
Nature of Decision making, process and techniques of decision making, MBO process and strategic planning and implementation. UNIT- 3	06	16
Meaning, Definitions, Concept of organization, Organisation Structure, Authority and responsibility relationship, centralization and decentralization, span of management. [case study to be discussed]	06	

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Model-3: Directing, Coordination and Controlling		
UNIT-1	04	
Fundamentals and principles of directing, Approaches and responsibilities of		
staffing, Factors influencing staffing and Techniques of directing.		
UNIT-2		
Coordination principles and techniques of coordination, problems and Guidelines	0.6	16
for effective coordination.	06	
UNIT-3		
Meaning, definition of Control, Scope Of Control, Control Process, Essentials Of		
Effective Control Systems, Factors Determining Effective Control. [case study to	06	
be discussed]		
Module-4: Special Areas of Management		
UNIT-1	04	
Management of change, Conflict Management,	04	
UNIT- 2	06	
Talent Management, Outsourcing Management,	06	16
UNIT-3	0.5	
Sustaining Team Work (Case Studies on Leadership and Motivation With	06	
Reference To Successful Indian Business Tycoons)		

- 1) Dr. Manmohan Prasad Management Concepts & Practices, Himalaya publishing house 5th edition 2015.
- 2) Harold D Koontz, and Cyril J C Donnel, Principles of Management, McGraw Hill Publication.
- 3) H.R. Appannaiah, G Dinakar, H.A. Bhaskar Management (Multi-dimension Approach) Himalaya publishing house first edition-2016
- 4) James A.F Stoner Management. R. Edward freeman 6th edition- passion education, Daniel. R. Gibert J.R.
- 5) K.Shridharabhat Management of Behavioural process, Himalaya publishing house first edition -2005.
- 6) L.M. Prasad Principles of practice of management seventh edition, sultan chand& sons-2009.
- 7) Peter F Drucker, The Practice of Management'.
- 8) Ricky W Griffin, (2005) Management, Eight Edition, Biztantra.
- 9) Stephen P Robbins et al, Fundamentals of Management, Pearson Publication.
- 10) V.S.P. Rao Management text of cases- V. Harikkrishna 1st Edition, Excel Books 2010.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 1.2

NAME OF THE COURSE: ACCOUNTING AND FINANCIAL STATEMENTS

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	64 Hrs
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Pedagogy: Lecturing in combination with Case analysis, Group discussion and Seminars.

Course Objective: The course aims to provide future managers with a comprehensive understanding of accounting concepts, techniques and tools to analyse financial information effectively, enabling them to make informed decisions, strategic resource allocation and ensure the financial health and sustainability of their organisation

Course Outcomes:

- 1) Students will acquire the skills to analyse and interpret financial statements, aiding in strategic decision- making and organisation planning.
- 2) Learners will effectively apply accounting principles and techniques to real world business scenarios.
- 3) Students will use financial data to access business performance, evaluate risk and support sustainable financial strategies in managerial roles.

Syllabus:	Teaching	Total
	Hours	Hours
MODULE 01: OVERVIEW OF ACCOUNTING: UNIT 1: Overview of Accounting and purpose of accounting, requirement	04	
of accounting for business entities. UNIT 2: Accounting Concepts, conventions and accounting principles.	06	16
UNIT 3: Accounting standards, Role of standards, problems and challenge of accountings.	06	
MODULE 02: OVERVIEW OF BOOK KEEPING AND		
DEPRECIATION: UNIT 1: Introductions of double entry book keeping (the terms debit and credit).	04	
UNIT 2: General journal and journal entries, General ledger, posting.	06	16
UNIT 3: Depreciation, Objective of Depreciation, and Methods of Charging Depreciation and Trial balance. Problems to be discussed.	06	
MODULE 03: FINAL ACCOUNTS: UNIT 1: Meaning of Financial Statements, Income and Expenditure, UNIT 2: Receipts and payments, Profit and Loss account. UNIT 3: Balance Sheet and Statements of Cash Flows. Problems to be discussed.	04 06 06	16
MODULE 04: FINANCIAL REPORTING:		
UNIT 1: Meaning and Scope of financial reporting, UNIT 2: objectives and statutory requirements of financial reporting. UNIT 3: Meaning of audit & requirement of audit of financial reports.	04 06 06	16

- 1) List out the accounting concepts and conventions.
- 2) Collect the financial statement of a proprietary concern and record it.
- 3) List out the AS and Per GAAP.

Other Activities which are related to course.

- 1. M.N Arora, Accounting for Management. Himalaya publication house.
- 2. Dr. Sakshi Vasudeva, Accounting for Business Managers. Himalaya publication house.
- 3. Ashok Banerjee, Financial Accounting a managerial emphasis. Excel Books, Bangalore
- 4. J. Madegowda, Accounting for Managers, Himalaya publication house.
- 5. Dr. JawaharLal, Accounting for Management. Himalaya publication house.
- 6. B. S. Raman, Financial Management and accounting, United publications
- 7. R. Narayanaswamy, Financial Accounting a Managerial perspective. Prentice-Hall of India private Ltd.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 1.3

NAME OF THE COURSE: MANAGERIAL DECISION ANALYSIS

Course Credits	Course Credits No. of Hours per Week Total No. of Teaching Hours	
4 Credits	4 Credits 4 Hrs 64 Hrs	
Pedagogy: Lecturing in c	ombination with Case analysis, Gr	oup discussion and Seminars.

Course Objective: The course aims to provide students with a solid foundation in economic theories and their practical applications in business decision- making. It also enhances analytical and problem solving skills by focusing on concepts such as demand and supply, market structure, cost analysis and pricing strategies.

Course Outcomes:

- 1. Students will be able to apply economic principles such as demand, supply and elasticity to analyse business scenarios and make informed decisions.
- 2. Students will develop the ability to use cost, revenue and market analysis to devise effective pricing and resource allocation strategies.
- 3. Students will gain insights into micro-economic and macro-economic factors influencing business, enabling them to assess and adopt to changing market dynamics..
- 4. Evaluate the role of economic theories in managerial decisions.

Syllabus:	Teaching	Total
	Hours	Hours
MODULE NO. 1: Introduction to Economics		
UNIT 1: Meaning, Definitions, Nature, and Scope of Economics	04	
UNIT 2: Economics in Relation to Other Branches of Knowledge.	06	16
UNIT 3: Roles & Responsibility of Managerial Economist in Business	06	10
Decision Making.		
MODULE NO. 2: Micro Economics		
UNIT 1: Meaning, Nature, Scope, Importance, Law of Demand, Determinants	04	
of Demand.	0-1	
UNIT 2: Nature Elasticity of Demand (Price & Income) Methods of	06	16
Forecasting.		
UNIT 3: Production and Cost Functions (Case Studies to be discussed)	06	
MODULE NO. 3: Macro Economics		
Unit 1: Meaning, Objective of Instruments (Fiscal Policy, Monetary Policy,	04	
Exchange Rate Policy, International Trade Policy)		1.0
UNIT 2: Inflation, BOP Barriers to International Trade.	06	16
UNIT 3: Concepts of GDP, GNP, NNP, GNP. (Case Studies to be discussed)	06	

MODULE NO. 4: Market Structure and Quantitative Economics UNIT 1: Meaning of Market, Types, Price, Pricing, Methods, Factors	04	
Involved in Pricing Policy. UNIT 2: Types of Market Structure, BEP, EOQ, (Case study to be discussed)	06	16
UNIT 3: Statistical Methods for Forecasting Demand (Time Series, Trend	06	
Projection and Moving Average Method).		

- 1. Central and State Budget Analysis
- 2. Mini Project on Macro Economics
- 3. Mini Project on Micro Economics
- 4. Case Study- Preparation of budget

Demand Analysis Survey

- 1. Managerial Economics: Mote V.I Samuel & Gupta G.S. Tata McGraw Hill Publication.
- 2. Managerial Economics: Varsheny&Maheshwari S. Chand & Sons.
- 3. Managerial Economics: C.P.Chopra. Tata McGraw Hill Publication.
- 4. Managerial Economics: Spencer, H.H & L. Siegelmen, Richard D. Irwin.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 1.4

NAME OF THE COURSE: FUNDAMENTAL OF BUSINESS ANALYTICS

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	64 Hrs
Pedagogy: Classrooms lecture. Problems, tutorials. Group discussion. Seminar Case studies		

Course Objectives:

The course aims to equip students with essential quantitative skills and analytical tools to make data-driven decisions in the business world. The primary objectives include developing a solid foundation in statistical concepts, such as probability, hypothesis testing, and regression analysis, while fostering an understanding of their application in solving real-world business challenges.

Course Outcome:

- Students will be able to apply statistical techniques, such as descriptive statistics, probability distributions, and hypothesis testing, to analyse and interpret business data effectively.
- Learners will develop skills to use predictive and prescriptive analytics methods, including regression and optimization models, for informed decision-making in diverse business contexts.
- Students will demonstrate proficiency in utilizing statistical software and data visualization tools to present insights and support strategic planning in real-world scenarios.

Syllabus:	Teaching	Total
	Hours	Hours
MODULE NO. 1: Business Statistics		
UNIT 1: Introduction, Need and Role of Statistics in Business, Tables and Graphs.	04	
UNIT 2: Measures of Central Tendency: Mean, Median and Mode - their implication.	06	16
UNIT 3: Measures of Dispersion: Range, Mean Deviation, Standard Deviation.	06	
MODULE NO. 2: Correlation and Regression		
UNIT 1: Types of Correlation, Scatter Diagram.	04	
UNIT 2: Karl Pearson's Coefficient of correlation, Spearman's Rank	06	16
Correlation and Method of Least Squares.		10
UNIT 3: Simple and Multiple Regression	06	
MODULE NO. 3: Time Series Analysis		
UNIT 1: Introduction- Objectives and Usage of Time series in Business.	04	
UNIT 2: Methods of Estimating Trends: Moving Average Method, Semi Average, Least Square Method.	06	16
UNIT 3: Methods of estimating Seasonal Index: Method of Simple Averages.	06	

MODULE NO. 4: Analytics in Business (Theory Only)		
UNIT 1: Introduction- Evolution- Scope	04	
UNIT 2: Analytical Decision Models	06	16
UNIT 3: MS-Excel – Basics	06	

- 1. **Report Writing:** Understanding and Interpreting the report of a chosen company
- 2. **Group Brainstorming:** Predicting the trend for chosen industry/ company

Solving Problems: Seminars & Presentation.

- 1. Statistical Method s Dr S. P Gupta, Sulthan Chand & sons, fourth Edition, ISBN 81-8054298-X.
- 2. Fundamentals of Statistics, S.C Gupta, 6th edition, Himalaya Publishing House, 2007,
- 3. ISBN, 978-81-8318-755-8.
- 4. Statistical Methods Dr. S P Gupta, Sulthan Chand and Sons, Educational Publishers, New Delhi-9, Mathematics and Statistics Raghavachari
- 5. Complete Business Statistics Aczel & Sounderpandian, 7/e, Tata- McGraw Hill, 2006.
- 6. James R. Evans, Business Analytics Methods, Models and Decisions, Prentice Hall, 1st edition, 2013, ISBN 978-0-13-295061-9
- 6. Anderson, Sweeney and Williams, Quantitative Methods for Business, Thomson, 2005, ISBN 981-240-641-7

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 1.5

NAME OF THE COURSE: CORPORATE COMMUNICATION AND SKILLS

Course Credits	No. of Hours per Week	Total No. of Teaching Hours	
4 Credits	4 Hrs	64 Hrs	
Padagagy I acturing in combination with tutorials Group discussion Cominger and Cose Analysis			

Pedagogy: Lecturing in combination with tutorials, Group discussion, Seminars and Case Analysis.

Course Objectives:

The Course aims to develop students' proficiency in professional communication to enhance their effectiveness in organizational settings. It focuses on building core skills such as written, verbal, and non-verbal communication, alongside fostering active listening and interpersonal abilities.

Course Outcome:

- Students will be able to demonstrate effective verbal and non-verbal communication skills tailored to diverse corporate contexts, including presentations and team interactions.
- Learners will develop proficiency in writing professional documents, such as reports, emails, and proposals, ensuring clarity, conciseness, and impact.
- Students will gain the ability to navigate workplace challenges through active listening, negotiation, and conflict resolution, fostering collaboration and professional relationships.

Syllabus:	Teaching Hours	Total Hours
MODULE 01: Introduction UNIT 1: Nature, Scope, Basic Types of Communication – Verbal and Non-Verbal, Process of Communication, Barriers to Communication. UNIT 2: Basics of Corporate Communication – Communication Structure in Organisation, Formal and Informal Communication. UNIT 3: 7 C's of communication, Crisis in communication.	04 06 06	16
MODULE 02: Corporate Oral Communication: UNIT 1: Meaning and Importance of Oral Communication, Three aspects of Oral Communication – Conversing, Listening, and Body Language. UNIT 2: Interviews - Types, Skills required to prepare for interviews UNIT 3: Meeting - Types, Roles and Responsibilities of Chairman in Conducting Effective meeting.	04 06 06	16
MODULE 03: Written Communication in Corporates UNIT 1: Principles of Effective Writing- Accuracy, Brevity, Language, Tone, etc. UNIT 2: Corporate Letters, E-mail, Memos and Report Writing UNIT 3: Resumes and CVs, Soft skills.	04 06 06	16

MODULE 04: Inter-Cultural Communication and Applications of		-
Business Communication		
UNIT 1: The New Global Mantra: Go Local, Cultural Sensitivity, Some	04	
examples of Cultural Diversity. Guidelines for Inter-Cultural Communication	0.6	1.0
UNIT 2: Presentation Skills, Negotiation Skills, Business Etiquette, Group	06	16
Discussion.	06	
UNIT 3: Personal skills, personal branding and social skills.	06	

- 1) Mock interviews and personality development.
- 2) Role plays to initiate meaningful communication.
- 3) Case study to observe the empathetic behaviour skills.

References:

- 1. Business Communication PD CHATURVEDI, MUKESH CHATURVEDI Pearson Edition.
- 2. Business Communication, Process and Product- Marry Ellen Guffey- Thomson Learning.
- 3. Basic Business Communication Lesikar, Flatley TMH
- 4. Advance Business Communication Penrose, Rasberry, Myers Thomson Learning.
- 5. Business Communication MK Sehgal & V. Khetrapal, Excel Books.
- 6. Business Communication Today Bovee Thill Schatzman- Pearson & Education.
- 7. Effective Technical Communication M Ashraf Rizvi. TMH.
- 8. Contemporary Business Communication Scot Ober-Biz Tanntra.

Business Communication - Krizan, Merrier, Jones - Thomson Learning.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) **COURSE CODE: 1.6**

NAME OF THE COURSE: BUSINESS AND LEGAL ENVIRONMENT

Course Credits	No. of Hours per	Total No. of Teaching Hours	
	Week		
4 Credits	4 Hrs	64 Hrs	
Pedagogy: Classrooms	lecture tutorials Group disci	ission Seminar Case studies	

Course Outcomes:

The course aims to provide students with a comprehensive understanding of the dynamic relationship between business operations and legal frameworks. It focuses on equipping learners with knowledge of key laws and regulations, including corporate, contract, labor, and intellectual property laws, that influence organizational decision-making.

Course Outcomes:

- Students will be able to analyze the impact of legal frameworks on business operations, including corporate governance, contracts, and regulatory compliance.
- Learners will develop the skills to identify and mitigate legal risks in business decisions while ensuring adherence to ethical and statutory requirements.
- Students will demonstrate the ability to align business strategies with the legal environment, fostering sustainable and responsible organizational practices.

Syllabus:	Teaching	Total
	Hours	Hours
MODULE NO. 1: introduction to business environment		
UNIT 1: Meaning, Definitions, Nature, Scope and Importance of		
Business Environment, Factors Affecting Environment to the Business UNIT 2: PESTLE-Political, Economic, Socio-cultural, Technological,	06	
Legal and Ecological environment, Opportunities and Threats as environmental issues to address by Businesses.	06	16
UNIT 3: Introduction to Demographic environment, Size of Population, Age Structure, Other demographic trends.	04	10

MODULE NO. 2: Economic And Technological Environment. UNIT 1: Liberalization, Privatization and Globalization (LPG) Globalization, Challenges Of International Business, Why Firms Go Global, Routes Of Globalization. UNIT 2: Meaning and Nature of Economic Environment, Government Policies Role of WTO, IMF and World Bank in global economic development. UNIT 3: Meaning, Features, Impact Of Technology On Business,	05 06	16
Information Technology Act. Emerging Trends.	05	
MODULE NO. 3: Social And Cultural Environment. UNIT 1: Concept and meaning of social responsibility. Business and		
Ethics-Social Responsibility of Business-Its impact on Business Decisions.	07	
UNIT 2: Societal Structure and Features, Entrepreneurial Society and		
its implications for business. Social responsibility of business, social audit, consumer rights and business.,	05	16
UNIT 3: Concept of culture, Business And Culture, Language,		
Culture And Organizational Behaviour, Impact of Culture on business growth.	04	
MODULE NO. 4: Legal Environment.		
UNIT 1: Introduction to legal environment of business.	02	
UNIT 2: Law on Patents, Law on Consumer Protection, Law on Environmental Protection, Need for Clean energy and Reduction of	07	1.6
Carbon footprint. UNIT 3: Nature and Registration, Kinds of Companies, Memorandum	07	16
of Association, Articles of Association, unfair Trade Practice.	,	

- 1. Collect information on Information Technology and analyse its impact on business performance.
- 2. Select three companies of your choice and make an extensive analysis of external and internal environment.
- 3. Write a legal procedure for establishing a new venture.
- 4. Prepare a flow chart describing the procedure to file application under Intellectual Property Right in India for a Patent/Copy Right.

- 1. F. Cherunilam, Business and Government, Himalaya Publishing House
- 2. K. Ashwathappa, Essential of Business Environment, Himalaya Publishing House.
- 3. K. Puri and S. K. Misra, Economic Environment of Business, Himalaya Publishing House.
- 4. Buchholz, Business Environment and Public Policy; Implication for Management and Strategy formulation, Prentice Hall of India.

- 5. N.D. Kapoor & Business Laws and Management; Sultan Chand & Sons. Dinkar Pagare.
- 6. M.C. Kuchhal Mercantile Law; Vikas Publishing House, New Delhi.
- 7. M.C. Shukla A Manual of Mercantile Laws; Sultan Chand & Company, New Delhi.

Note: Latest edition of text books may be used.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 1.7

NAME OF THE COURSE: INFORMATION TECHNOLOGY FOR MANAGERS

Course Credits	No. of Hours per Week	Week Total No. of Teaching Hours	
4 Credits	4 Hrs 64 Hrs		
Pedagogy: Classrooms lecture, tutorials, Group discussion, Seminar, Case studies.			

Course Objectives:

The course aims to equip students with the knowledge and skills to leverage information technology (IT) for strategic decision-making and operational efficiency in organizations. It focuses on the role of IT in enabling business processes, enhancing customer experiences, and driving innovation.

Course Outcomes:

• Students will be able to evaluate and leverage information technology to enhance business processes, decision-making, and organizational performance.

• Learners will develop skills to analyse IT infrastructure, enterprise systems, and emerging

Learners will develop skins to analyse 11 imrastructure, enterprise systematic strain and the systematic systematic strain and the systematic systematic strain and the systematic strains and the systematic strain and the syste		
Syllabus:	Teaching	Total
	Hours	Hours
MODULE NO. 1: Information Technology		
UNIT 1: Introduction to information technology, Trends, software	04	
programming.		
UNIT 2: Emerging mobile digital platform, cloud computing and types of	06	16
services.		
UNIT 3: IOT and digitization, IOT impact, IOT Challenges.	06	
MODULE NO. 2: Concept of MIS		
UNIT 1: Management information system - Concept, Definition, Types of	04	
Systems used in Organisation.		
UNIT 2: Role of MIS in Organisation, Electronic Business, Electronic	06	16
Commerce.	00	10
UNIT 3: Electronic Commerce Models, Types of E- Commerce, E-commerce		
marketing, M- commerce services and applications.	06	
MODULE NO. 3: Fundamentals of Artificial Intelligence		
UNIT 1: The historical evolution of Artificial Intelligence, Application of	04	
Artificial Intelligence, Problems in Artificial Intelligence.		
UNIT 2: Approaches used in Artificial Intelligence, Tools used in Artificial	06	1.0
Intelligence, Different types of Artificial Intelligence Technology.	0.6	16
UNIT 3: Internet, World Wide Web, Internet Architectures, Cyber-crime,	06	
Malware and Its types, and Google Forms.		
	1	

UNIT 1: Introduction Office Software: Use of MS-Office, Basics of MS-Word, MS-Excel, MS-PowerPoint. UNIT 2: Introduction Office Software: Use of MS-Office UNIT 3: Basics of MS-Word, MS-Excel, PowerPoint, Office Automation- E-office and their applications in business	MODULE NO. 4: E-Business lab (Practical Lab has to conducted)		
	 UNIT 1: Introduction Office Software: Use of MS-Office, Basics of MS-Word, MS-Excel, MS-PowerPoint. UNIT 2: Introduction Office Software: Use of MS-Office UNIT 3: Basics of MS-Word, MS-Excel, PowerPoint, Office Automation- E- 	06	16

- Business Lab has to conduct.
- Artifice Inelegancy Group Discussion.

Presentation of fortune five hundred company.

References:

- 1. Sudalaimuthu & Hariharan, Information Technology for Managers, Himalaya publications.
- 2. D.Monley & CS Parker, Understanding Computers Today & Tomorrow, Cengage/Thomson
- 3. ITL Education Solutions Ltd, Introduction to Computer Science, Pearson
- 4. Kenneth. C. laudon, MIS. PEARSON. 2013
- 5. Jaiswal & Mital, MIS, Oxford University Press, Latest edition.
- 6. Srinivasa K G, "Internet of Things", CENGAGE Leaning India, 2017.
- 7. Sanjay Saxsena- MS Office 2000- Vikas Publishing House.
- 8. Niranjan Shrivastava- Computer Applications in management, Dreamtech Press.

Note: Latest edition of textbooks and reference Books may be used

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NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.1

NAME OF THE COURSE: OPERATIONS AND QUALITY MANAGEMENT

	Course Credits	No. of Hours per Week	Total No. of Teaching Hours	
4 Credits 4 Hrs 64 Hrs		64 Hrs		
	Pedagogy: Lecturing in combination with Case analysis, Group discussion and Seminars.			

Course objective:

This course focuses on managing complex management system to produce and distribute product and services efficiently and effectively through various concepts of quality improvement tools for implementing quality culture in production industries.

Course Outcomes:

- 1. Understand core concepts and strategies in Operations and Quality Management.
- 2. Implement quality frameworks such as TQM, Six Sigma, and ISO standards.
- 3. Solve real-world problems using forecasting, scheduling, and optimization tools, and Collaborate effectively to address operations and quality challenges.

to address operations and quanty chanenges.		
Syllabus:	Teaching	Total
	Hours	Hours
MODULE NO. 1: Introduction to Production and Operations Management		
UNIT 1: Definition and Concepts, Difference between Products and Services,	04	
Recent Trends in Production and Operations Management.		
UNIT 2: Nature and Scope of Production and Operations Management, Types of	06	16
Production Systems.		
UNIT 3: Strategic Role of Operations in Business, Operations Management in	06	
Services and Manufacturing		
MODULE NO. 2: New Product Planning and Development (NPD) and Production		
Planning and Control		
UNIT 1: Introduction, Steps of NPD, New Product Selection or Development	04	
Process. CAD and CAM Models.		
UNIT 2: Production Process and Facility Layout, Types of Facility Layouts,	06	16
Flexible Manufacturing and Lean Systems.		
Unit 3: Types of PPC, Aggregate Planning, Capacity and Material requirement	06	
Planning	00	
MODULE NO. 3: Inventory Management and Control		
Unit 1: Definition and Concepts of inventory management	04	
UNIT 2: Inventory Management Problems	04	
EOQ (Economic Order Quantity), Reorder Point and Safety Stock Calculations, JIT,	06	1.6
ABC and VED Analysis Problems		16
UNIT 3: Supply Chain Management- Meaning, Features, Uses and Logistics	06	
Management		

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MODULE NO. 4: Quality Management and Continuous Improvement	•	
UNIT 1: Principles of Quality Management, Quality Gurus and their contribution to	04	
TQM Practices.		
UNIT 2: Statistical Quality Control (SQC) Tools and Techniques: Bar Chart,	06	
Histogram, Pareto Analysis, Fishbone Diagram, Quality Function Deployment.		16
UNIT 3: Total Quality Management (TQM) Frameworks, Certifications- ISO 9001,	0.6	
ISO 14001, and Industry 4.0 Standards. Contemporary Practices - Quality Circles,	06	
Lean Six Sigma and Agile Quality.		

- 1. Process Mapping and Optimization Students analyze a real-world business operation and create a process flowchart.
- 2. Industry Visit or Virtual Factory Tour: Visit a manufacturing or service organization to observe operations and quality management practices and submit a report analyzing their processes and systems.

Case Studies on Six Sigma and TQM Implementation.

- 1. Production and Operations Management Dipak Kumar Bhattacharyya
- 2. Production and Operations Management R. B. Khanna
- 3. Operations Management William J. Stevenson (Latest Edition)
- 4. Quality Management for Organizational Excellence David L. Goetsch and Stanley Davis
- 5. Operations Management: Processes and Supply Chains Krajewski, Malhotra, and Ritzman
- 6. Lean Six Sigma Pocket Tool book by Michael L. George.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.2

NAME OF THE COURSE: MARKETING MANAGEMENT

Course Credits	No. of Hours per Week	Total No. of Teaching Hours	
4 Credits 4 Hrs 64 Hrs		64 Hrs	
Pedagogy: Lecturing in combination with Case analysis, Group discussion and Seminars.			

Course objective:

• This course is designed to help students to understand the concept of marketing management and learn about marketing process for different types of products and services.

Course specific outcomes:

- Students will demonstrate strong conceptual knowledge in the functional area of marketing management.
- Students will demonstrate effective understanding of relevant functional areas of marketing management and its application.
- Students will demonstrate analytical skills in identification and resolution of problems pertaining to marketing management.

Syllabus:	Teaching	Total
	Hours	Hours
MODULE NO.1: Introduction		
UNIT 1: Introduction to Marketing – Elements of Marketing Concepts – Functions of Marketing.	04	
UNIT 2: Marketing Management Philosophies – Marketing process – Marketing environment.	06	16
UNIT 3 : – Marketing mix – Consumer market and Consumer Buying Behaviour.	06	
MODULE NO. 2: Product & Price Decision LINUT 1: Product Decision - Market Segmentation - Project in 175	04	
 UNIT 1: Product Decision - Market Segmentation- Positioning and Targeting. UNIT 2: Branding Strategies - Packaging as a Marketing tool, Concept of Product - Price Decision - 	06	16
UNIT 3 : Price Decision Objectives – Pricing Policies – Pricing Methods and Strategies.	06	
MODULE NO. 3: Promotion & Distribution Decision		
UNIT 1: Promotion Decision – Kinds of Promotion – Tools and Techniques of Sales Promotion, Push and Pull Strategies.	04	
UNIT 2 : Advertising campaign – Developing advertising strategy, Evaluating advertising sales promotion – Developing the sales promotion programs.	06	16
UNIT 3: Channel decision – Factors affecting channel choice – Channel Management Decision.	06	

MODULE NO. 4: Integrated Marketing Communication Skill Developments		
UNIT 1: Integrated Marketing Communication –IMC strategies- Marketing	0.4	
Research – Procedure of Marketing research.	04	
UNIT 2: Marketing Control – Marketing Audit – Direct Marketing, Holistic	06	
Marketing, Content Marketing - Social Media Marketing - Viral Marketing -	00	16
Event Marketing.		
UNIT 3: Holistic Marketing – Green Marketing – Content Marketing – Social	06	
Media Marketing – Viral Marketing – Event Marketing.		
Skill Developments Activities:		
1. Identify a company Marketing FMCG products and analyze its Marketing		
Strategies		
2. Prepare a report on strategies adopted by firms to create Brand awareness of		
Automobile cosmetics, electronics and jewelry products		
3. Prepare a report on the consumer buying behavior for lifestyle products and		
electronic goods.		
4. Design an advertisement for print and electronic media for the marketing of two		
wheelers and kids products and enact the same in the class.		
5. Live sales project for students.		

- 1. Philip Kotler: Marketing Management: Analysis- Planning and Control- PHI
- 2. Cundiff- Still & Govoni: Fundamental of Morden Marketing PHI
- 3. Ramaswamy V S & Namakumari S: Marketing Management- Planning- Implementation and Control-Macmillan
- 4. Michael J. Etzel- Marketing TMH
- 5. William O Bearden- Marketing principles and perspectives- International Edition
- 6. 6 Advertising and Promotions IMC Perspectives- Belch and Belch TMH
- 7. 7 O'Guinn- Alien- Serpenik- Advertising and integrated Brand Promotion- Thomson Learning

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.3

NAME OF THE COURSE: FINANCIAL MANAGEMENT

Course Credits	No. of Hours per Week	Total No. of Teaching Hours	
4 Credits	4 Hrs	64 Hrs	
Pedagogy: Lecturing in combination with tutorials, Group discussion, Seminars and Case Analysis.			

Course objective:

The focus of this course is on the understanding of techniques and concepts and in showing their application to financial decision making. The paper will examine the objective of shareholder wealth maximization which encompasses much of modern corporate finance and its implication for decision making in the present context.

Course Outcomes: On Successful completion Student will demonstrate

- 1) Understand the basic Concepts of Accounting and Finance.
- 2) Prepare Journal Entries and subsidiary books
- 3) Depreciation calculation by different methods.
- 4) Prepare Trial balance and Financial Statements.

Syllabus:	Teaching Hours	Total Hours
MODULE 01: INTRODUCTION		
UNIT 1: Concept of finance and finance function, Financial Goal: Profit V/s.	04	
Wealth Maximization, Organization of finance functions.		16
UNIT 2: Financial Planning: Objectives and considerations.	06	
UNIT 3: capitalization- Over and under capitalization.	06	
MODULE 02: CAPITAL STRUCTURE	04	
UNIT 1: Optimum Capital Structure, Capital Structure.	04	
UNIT 2: Theories, Features of sound Capital Mix.	06	16
UNIT 3: Leverage - Financial and Operating leverage, Sources of Finance.	06	
MODULE 03: WORKING CAPITAL MANAGEMENT		
UNIT 1: Concept, Importance and Determinants, Sources of Working Capital	04	
Finance.		
UNIT 2: Cash Management: Motive for holding Cash, Control of Cash	06	16
Collection and Disbursement, Receivable Management, Nature and Goals of		16
Credit Policy, Optimum Credit Policy, Credit Policy Variables.	06	
UNIT 3: Inventory Management: Objective, Inventory Control Techniques.		

MODULE 04: COST OF CAPITAL		
UNIT 1: Concept, Importance of cost of capital.	04	
UNIT 2: Calculation of cost of capital of equity share, Preference Share,	06	1.6
Debentures and retained Earnings.	06	16
UNIT 3: Capital Budgeting: Features, Methods of Capital Budgeting: Features,	06	
Methods of Capital Budgeting.		

- 1) Preparing the Budgeting for Companies.
- 2) Understanding the Financial Statements Analysis.
- 3) Understanding the Cost Benefit Analysis.
- 4) Doing Debt Management Exercise.
- 5) Understanding the Investment simulations.

- 1. Ravi M. Kishore, Financial Management, Taxman Publications.
- 2. Khan and Jain, Financial Management, Tata Mc Graw-Hill.
- 3. S.N.Maheshwari, Fundamentals of Financial Management- Sultan Chand Publications.
- 4. I.M.Pandey, Financial Management, Vikas Publishers.
- 5. Prasanna Chandra, Financial Management Theory and Practice, Tata McGraw-Hill.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.4

NAME OF THE COURSE: HUMAN RESOURCE MANAGEMENT

Course Credits	No. of Hours per Week	Total No. of Teaching Hours		
4 Credits	4 Hrs	64 Hrs		
Pedagogy: Lecturing in combination with tutorials, Group discussion, Seminars and Case Analysis.				

Course objective:

This course is designed t understand the concept of Human Resource Management and elucidate the concept of human resource planning, recruitment, training and development and other contemporary issues in organization.

Course Outcomes:

- 1. Understand the HRM from a systematic and strategic perspective.
- 2. Describe the effective practices in the areas of recruitment, selection, training, performance appraisal and compensation.
- 3. To provide the insights about recent trends in the Human Resource Management.

Syllabus	Teaching	Total
	Hours	Hours
Module 1: Fundamentals of Human Resource Management		
Unit 1: Introduction to HRM	04	
Definition, scope, and importance of HRM, Evolution of HRM and strategic HRM,		
Role of HRM in achieving organizational goals.		
Unit 2: Human Resource Planning	06	
Workforce planning and demand-supply analysis, Job analysis, job design, and	00	16
competency frameworks, Recruitment and selection strategies.		
Unit 3: Employee Lifecycle Management		
On boarding and orientation programs, Employee engagement and satisfaction,	06	
Retention strategies and managing attrition.		
Module 2: Talent Management and Development		
Unit 1: Performance Management Systems		
Objectives and importance of performance management, Methods and tools for	04	
performance appraisal, providing feedback and managing underperformance.		
Unit 2: Training and Development		
Designing effective training programs, Techniques for skill development and	06	16
learning, measuring the impact of training initiatives.		
Unit 3: Career and Succession Planning		
Identifying and nurturing talent, Leadership development and mentoring,	06	
Succession planning for critical roles.		

Module 3: Employee Relations and Legal Compliance	i de la companya de l	
Unit 1: Employee Relations		
Building effective employee relations, Grievance handling and conflict resolution,	04	
Role of HR in maintaining organizational harmony.		
Unit 2: Labour Laws and Workplace Policies		
Overview of key labour laws (e.g., industrial disputes, compensation, contracts),	0.0	1.6
Workplace policies for safety, harassment prevention, and equality, Compliance	06	16
and handling legal disputes.		
Unit 3: Ethics and Diversity in the Workplace		
Ethical practices in HRM, Diversity, equity, and inclusion strategies, Creating an	06	
inclusive organizational culture.	00	
Module 4: Trends and Technology in HRM		
Unit 1: HR Analytics and Data-Driven Decision Making	04	
Importance of HR analytics in decision-making, Tools and techniques for data	04	
analysis in HRM, Predictive analytics for workforce planning.		
Unit 2: Technology in HRM	06	
Role of HR Information Systems (HRIS), Automation and AI in HR functions,	00	16
Emerging trends like remote work and gig economy management.		
Unit 3: Global HRM		
Managing cross-cultural teams and expatriates, Challenges of HRM in global	06	
organizations, Adapting HR practices to international standards and policies.	- 0	

- 1) Role playing exercises.
- 2) Interview simulations.
- 3) Team building Activities.
- 4) Performance Appraisal Exercise.
- 5) Job description creation.

- 1. Bernadin, Human Resource Management, Tata McGraw Hill, 8th edition 2012.
- 2. Wayne Cascio, Managing Human Resource, McGraw Hill, 2007.
- 3. Human Resource Management John M. Ivancevich, 10/e, McGraw Hill.
- 4. Human Resource Management in practice Srinivas R. Kandula, PHI, 2009

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.5

NAME OF THE COURSE: ORGANISATION BEHAVIOUR

Course Credits	rrse Credits No. of Hours per Week Total No. of Teaching 1		
4 Credits	4 Hrs	64 Hrs	
Padagogy: I acturing in combination with tutorials Group discussion Comings and Cose Analysis			

Pedagogy: Lecturing in combination with tutorials, Group discussion, Seminars and Case Analysis.

Course objective:

This course is to familiarize the students with Basic concepts of Behavioural process in the Organization and its effectiveness.

Course specific outcomes:

- To elevate students' awareness towards personality, perception and attitudes.
- To understand group behaviour, organizational culture etc.
- To enrich students knowledge by highlighting emerging trends in OB.

Syllabus:	Teaching Hours	Total Hours
Module 1: Fundamentals of organization behaviour	Tiours	110415
Unit 1: introduction to organization behaviour – fundamental concepts.	04	
Unit 2: Nature and scope of organization behaviour, Historical perspective of OB.	06	16
Unit 3: Models of organization behaviour, managerial, Organizational and Global		10
Challenges to Organization Behaviour Manager.	06	
Module 2: The Individual		
Unit 1: Foundations of individual behaviour - individual differences, factors	04	
influencing individual behaviour.		
Unit 2: Personality - concept of personality, determinants of personality,		
personality theories, cases.	04	16
Unit 3: perception – Meaning and importance of perception, perception process,		
factors influencing perception, cases, attitudes - Nature of Attitudes, components	08	
of attitudes, Sources and measurements of attitude, changing attitudes and its		
barriers, cases.		
Module 3: The Group and Organization		
Unit 1: Foundation of group behaviour – meaning and nature of Group, Stages of	04	
Group Developmental and its Types, Group Norms cohesiveness, cases.		
Unit 2: Motivation – Meaning and importance of motivation, motivational	06	
techniques, theories of motivation, cases.		16
Unit 3: Employee counselling, Importance and functions of counselling,		
Transactional Analysis, Self - concept and Life positions. Leadership - Styles,	06	
Team building technics and participating management.		

Module 4: Dynamics of Organization		
Unit 1: Conflict management -Nature of conflict, types and Sources of conflict,	0.4	
conflict management, cases.	04	
Unit 2: Organization culture – Meaning, characteristics and functions.		
Organization change and development- Meaning and nature of change, importance		16
and change implementation, importance of organizational development, steps and	06	10
technics of organizational development.		
Unit 3: Neuro linguistics program- Meaning, importance, and applications of NLP	06	
emes invarious program vicaming, importance, and applications of iver		
BOOKS FOR REFERENCE		
1. Robbins, S.P. Organizational Behaviour, Prentice Hall of India.		
2. Robert A. Baron and Jerald Green Berg, Organizational behaviour, Prentice		
Hall of India.		
3. Luthans, F. Organizational behaviour, Tata Mc-Graw Hill, New York.		
4. Keith Davis and Newstrom, Organizational behaviour, Tata Mc-Graw Hill,		
New York.		
5. Sharma,R.A. Organizational theory and behaviour, Tata Mc-Graw Hill, New		
York.		
6. Gergory Moorhead and Ricky W Griffin, Organizational behaviour, jaico		
publishing.		
House, Mumbai.		
7. Davis, Human Behaviour at Work and Organizational behaviour Tata Mc-		
Graw Hill, New York.		
8. Uday Pareek, Understanding Organizational behaviour, Oxford and IBH		
publications, Jaipur.		

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.6

NAME OF THE COURSE: OPERATIONS RESEARCH AND ANALYTICS

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	64 Hrs
Pedagogy: Classrooms lect	ure tutorials Group discussion S	eminar Case studies

Pedagogy: Classrooms lecture, tutorials, Group discussion, Seminar, Case studies

Course Objective:

Operations Research and analytics aims to introduce students to the use of quantitative methods and techniques for effective decisions—making; model formulation and applications that are used in solving business decision problems.

Course Outcomes: On successful completion Student will demonstrate

- Operations Research and analytics aims to introduce students to the use of Mathematical models and techniques for effective decisions—making.
- Students will be able to Identify and develop operational research models from the verbal description of the real system.
- Course help to understand the mathematical tools that are needed to solve business problems.

Syllabus:	Teaching Hours	Total Hours
MODULE NO. 1: INTRODUCTION TO OPERATIONS RESEARCH AND ANALYTICS.		
UNIT 1: Introduction to Operations Research: Meaning and definition, scope, objectives, phases, and limitations of Operations Research.	06	1.6
UNIT 2: Introduction: What is analytics? Historical Overview of data analysis, types and application of Analytics, Descriptive analytics and Predictive analytics.	06	16
UNIT 3: Introduction to Mathematical Models. Role of Mathematical models in business decisions.	04	
MODULE NO. 2: ASSIGNMENT AND TRANSPORTATION THEORY UNIT 1: Introduction to Assignment Model, Formulation, Balanced and		
unbalanced problems, using Hungarian method for optimal solution.	06	
.(Maximisation and Minimization Cases) UNIT 2: Concept of Travelling Salesman, Solving of problems.	04	16
UNIT 3: Transportation Problem. Formulation, Finding basic feasible solutions—Northwest corner rule, least cost method and Vogel's approximation method. Solution, unbalanced Transportation problem. Optimality test.	06	
MODULE NO. 3: LINEAR PROGRAMMING		
UNIT 1: Introduction to linear Programming.	04	
UNIT 2: Formulation of LPP, Graphical solution of LPP.	06	16
UNIT 3: Introduction to Simplex Model. Solutions to the problems of LPP using simplex method and Solution to Degeneracy. (Maximisation and Minimization Cases)	06	10

MODULE NO. 4: NETWORK FUNDAMENTALS AND GAME THEORY		
UNIT 1: Meaning Features, Describing components of Network and Drawing	04	
Network, Scheduling the Activities (PERT and CPM).		
UNIT 2: Finding Critical Path, Calculating Total Float, Calculation of Variance.	06	1.6
UNIT 3: Concept of Game Theory, saddle point, Solution of games with saddle	06	16
points and without saddle point using Arithmetic method. Dominance principle and		
Graphical method to solve problems.		

- 1. Hands-on exercises and projects using operation research techniques.
- 2. Analyse Real-world examples and case studies from various industries

References:

- 1. **Bhimasankaram Pochiraju, and Sridhar Seshadri**, Essentials of Business Analytics: An Introduction to the methodology and its application, Springer.
- 2. J K Sharma., "Operations Research Theory & Applications, 3e", Macmillan India Ltd, 2007.
- 3. P. K. Gupta and D. S. Hira, "Operations Research", S. Chand & co., 2007.
- 4. S. D. Sharma Kedarnath Ramnath & Co 2002.
- 5. Taha H. A. Operations Research and Introduction, Pearson Education edition 2. Operations Research,

Note: Latest edition of text books may be used.

NAME OF THE PROGRAM: MASTER OF BUSINESS ADMINISTRATION (MBA) COURSE CODE: 2.7

NAME OF THE COURSE: RESEARCH METHODS AND TECHNIQUES

Course Credits	No. of Hours per Week	Total No. of Teaching Hours
4 Credits	4 Hrs	64 Hrs
Pedagogy: Classrooms lect	ure, tutorials, Group discussion, Semi	nar, Case studies.

Course objective:

The course aims to provide students with a comprehensive understanding of the research process, equipping them with the skills to design, conduct, and analyze research in the context of business and management.

Course Outcome:

- Students will be able to design and formulate research problems, selecting appropriate research methods for addressing business and management questions.
- Learners will develop the ability to analyze and interpret both qualitative and quantitative data, applying statistical tools and techniques for meaningful insights.
- Students will be equipped to write clear, structured research reports and present findings effectively, adhering to ethical standards and academic writing conventions.

Syllabus:	Teaching	Teaching
	Hours	Hours
Module 1: Introduction to Research Methodology		
Unit 1: Basics of Research	04	
Definition, nature, and types of research &Importance of research in management,		
Research process and steps.		
Unit 2: Research Design	06	
Types of research designs: exploratory, descriptive, and experimental		16
Formulating research problems and hypotheses & Sampling techniques and methods		
Unit 3: Literature Review and Secondary Data	06	
Conducting a literature review, Identifying and reviewing academic sources &		
Utilizing secondary data in research.		
Module 2: Data Collection and Analysis		7-9-1-1-1
Unit 1: Data Collection Methods		
Primary vs. secondary data, Qualitative and quantitative data collection techniques &	04	
Designing surveys, interviews, and focus groups.		
Unit 2: Measurement and Scaling Techniques		
Measurement scales: nominal, ordinal, interval, ratio, Reliability and validity in	06	16
research instruments & Designing effective questionnaires and scales.		
Unit 3: Data Analysis Techniques		
Descriptive statistics and data summarization, Inferential statistics: t-tests, chi-square		
tests, ANOVA & Using statistical software (e.g., SPSS, Excel) for data analysis.	06	
tests, 7440 v A & Osing statistical software (e.g., 51 55, Excel) for data analysis.		

Module 3: Qualitative and Quantitative Research		
Unit 1: Qualitative Research Methods	04	
Characteristics of qualitative research, Methods: case studies, grounded theory,		
ethnography, and content analysis & Analyzing qualitative data	06	
Unit 2: Quantitative Research Methods	00	
Overview of quantitative research, Experimental design and hypothesis testing		16
& Correlation and regression analysis.	06	
Unit 3: Mixed-Methods Research	00	-
Integration of qualitative and quantitative approaches, Designing mixed-methods		
studies & Advantages and challenges of mixed-methods research		
Module 4. Deport Writing and Edding Love in Decord		
Module 4: Report Writing and Ethical Issues in Research		
Unit 1: Research Report Writing		
Structure of a research report: introduction, methodology, results, discussion, Writing	04	
effective research papers and thesis & Citation styles (APA, MLA, Chicago, etc.)		
Unit 2: Ethical Issues in Research	0.6	
Research ethics and integrity, Plagiarism and how to avoid it & Ethical	06	16
considerations in data collection and analysis.		
Unit 3: Presentation and Dissemination of Research Findings	0.6	
Techniques for presenting research findings, Writing research articles for publication	06	
& Communicating research results to diverse audiences.		
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- 1. Research problem identification exercise: Identify research gaps in a given topic
- 2. Scale development exercise: Create a measurement scale for a given construct
- 3. Report writing workshop: Write a research report
- 4. Conducting a survey on current trends, issues or on product or service.
- 5. Workshop on Advanced Excel and SPSS

References:

- 1. Research Method for Management and Commerce K.V. Rao
- 2. Research Methodology Methods and Techniques C.R. Kothari
- 3. Research Methods the basics Nichoals Williams
- 4. Business Research Methods William G Zikmund
- 5. Social Research Methods: Qualitative and Quantitative Approaches W. Lawerence Neuman
- 6. Methodology and Techniques of Social Research Wilkinson. Bhadarkar.
- 7. Assignment and Thesis Writing Anderson.

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