D.K.T.E. Society's Textile and Engineering Institute Rajwada, Ichalkaranji – 416115

(An Autonomous Institute Affiliated to Shivaji University, Kolhapur)
NAAC Accredited with A+ Grade, ISO 9001:2015 Certified



Department of Management Studies CURRICULUM Master of Business Administration Programme First Year MBA

with effect from 2021-2022



DKTES's Textile and Engineering Institute, Ichalkaranji (An Autonomous Institute Affiliated to Shivaji University, Kolhapur)

Teaching and Evaluation Scheme with effect from the Year 2021-22 First Year MBA (Semester - I)

Sr.	Course			each	ing Sc	heme	Course	Evaluation Scheme				
No.	Code	Course Title	_	L T	_	Contact	Credits	CIE		GEE	ТОТАТ	
			L		P	Hrs/wk		MSE	ISE	SEE	TOTAL	
1	MBL517	Management and Organizational Behaviour	3	1	-	4	4	30	20	50	100	
2	MBL518	Business Accounting	3	1	-	4	4	30	20	50	100	
3	MBL519	Business Statistics and Analytics	3	1	-	4	4	30	20	50	100	
4	MBL520	Information Technology andMIS	3	1	-	4	4	30	20	50	100	
5	MBL521	Business Communication and Corporate Etiquettes	3	1	-	4	4	30	20	50	100	
6	MBL522	Business Law and Ethics	3	1	-	4	4	30	20	50	100	
7	MBL523	Managerial Economics	2	1		3	3	30	20	50	100	
8	MBL524	Skills for Managers		1	-	3	3	30	20	50	100	
		Total	1 22		00	30	30	240	160	400	800	

L- Lecture

T-Tutorial MSE: Mid Semester Examination CIE - Continuous In Semester Evaluation

P-Practical ISE: In Semester Evaluation SEE - Semester End Examination

DKTES's Textile and Engineering Institute, Ichalkaranji MBA First Yr. SEM-I MBL517: Management & Organizational Behaviour							
Teaching Scheme:	Credits	Evaluation Scheme:					
Lectures: 03 Hrs/Week	04	MSE: 30 Marks					
Tutorials: 01Hr/Week	04	ISE: 20 Marks					
		SEE: 50 Marks					

On completion of the course, student will be able to –

- Acquire the knowledge of basics of management and contribution of different scientists in the field of management.
- Analyze the concept of functions of management along with its different aspects.
- Differentiate basics of OB like discipline, foundation and concept of personality and accordingly develop personality required in the current business scenario
- Develop attitude, values and different managerial skills to cope up with the stress at work place

Course ContentsUnit IManagement Basics12 Hours

Definition and Scope of management, Importance of Management, Functions of management:Administration and management, Managerial skills, Levels of management, Functions of Manager,
Contribution of F.W. Taylor, Henry Fayol, Peter Drucker, Management by objectives (MBO), Management in
21st Century-Challenges and Opportunities

Unit II Functions of Management 12 Hours

Planning: nature, types, process and limitation of planning, Organizing- meaning, process, organization structure, Departmentalization: Process, need and importance, Authority: Definition, features, Delegation: Meaning, Definition, Importance and advantages, Responsibility: Meaning, Definitions, Staffing: concept, need. Directing: concept, need and principles of directing. Controlling: Steps in controlling process. Controlling Techniques. Importance of controlling in management.

Unit III Organizational Behaviour Basics 12 Hours

Organization: Need for studying Organizational Behaviour, OB: Definition, Nature, Disciplinescontributing to OB: Psychology, Sociology, Anthropology, Social Psychology, Economics & Political Science Personality- concept, determinants of personality, development of personality: Freudian and Erikson's stages. Application of Organizational Behaviour in Business.

Unit IV Dynamics of OB 12 Hours

Perception: Meaning & process. Attitude: concept, components of attitude. Values: concept, typesof values, sources of values, Individual behaviour, Motivation: concept, Theories of motivation: Maslow's, Herzberg, ERG, Conflict: Individual conflict & group interpersonal conflict, conflict resolution. Stress: Causes effect & coping strategy, Leadership: Meaning and styles, theories of leadership-Managerial grid, Role of leader.

Text Books:

- 1. Dr. S.C. Saksena, Dr. Gaurav Sankalp (2019) "Management and Organisational Behaviour" (English, Paperback,), Sahitya bhawan publication
- 2. Laurie J. Mullins (2010), "Management & Organisational Behaviour", 9th Ed, Pearson Educationpublishing.

- 1. L.M. Prasad (2011), "Principles of Management", Sultan Chand & Sons.
- 2. Koontz and Weirich (2009), "Essentials of Management", 5th Ed, TATA McGraw hill publishing.
- 3. K. Ashwathppa (2016), "Organizational Behaviour, Text-Cases-Games", 12th Ed, HimalayaPublishing House.
- 4. Sherlear S.A (2016), "Modern Business Administration and Management", 4th Ed,
- 5. Fred luthans (2010), "Organizational Behavior", 12th Ed, TATA McGraw hill publishing.

- $1. \ http://m95llc8xb1.pdfcloud.org/dl2.php?id=33433969\&h=fc9da6042b8521443d42c5f8d0ec75d0\&u=cache\&ext=pdf\&n=Management\%20organisational\%20behaviour$
- 2. http://ndesh36k34.pdfcloud.org/dl2.php?id=176294294&h=46f0e146bda3796eb9eb6a342f81b57f &u=cache&ext=pdf&n=Management%20organisational%20behaviour

DKTI	DKTES's Textile and Engineering Institute, Ichalkaranji								
MBA First Yr. SEM-I									
MBL518: Business Accounting									
Teaching Scheme:	Credits	Evaluation Scheme:							
Lectures: 03 Hrs/Week	04	MSE: 30Marks							
Tutorials: 01Hr/Week	04	ISE: 20Marks							
		SEE: 50Marks							

On completion of the course, student will be able to -

- Prepare financial statements.
- Prepare cost sheets and manage inventory by different inventory valuation methods.
- Compare the Management Accounting vs. Financial Accounting Vs. Cost Accounting
- Analyze and prepare marginal costing statements and make decisions based on CVP

	Course Contents	
Unit I	Financial Accounting	12 Hours
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Financial Accounting: Meaning, scope and importance, Depreciation, Trial Balance, Preparation of Trading and Profit and Loss Account Balance Sheet.

Unit II Cost Accounting 12 Hours

Cost Accounting: Nature and scope of costing; elements of cost, Usefulness of Costing to Managers; Preparation of Cost sheet, Budgeting: Types of budgets and their preparation.

Unit III Management Accounting 12 Hours

Management Accounting: Nature, scope and tools of Management Accounting; Management Accounting vs. Financial Accounting, Management Accounting Vs. Cost Accounting

Unit IV Marginal Costing 12 Hours

Marginal costing: CVP analysis, break-even analysis, Decision involving alternative choices: fixation of selling price, make or buy decision and product mix decision.

Practical Problems on: -Trading Account, Profit and loss Account, Balance Sheet, Cost Sheet, CVP analysis and break-even analysis.

Text Books:

- **1.** Anthony, R.N. & Reece J.S., "Accounting Principles", Homewood, Illinois, RdIrwin.
- 2. Bhattacharya, S.K. & Dearden, J., "Accounting for Management: Text and Cases", Vikas Publishing House.
- 3. Narayanaswamy R.(2014), "Financial Accounting: A Managerial Perspective", 5th edition, PHI,
- **4.** Maheswari S. N, Maheswari Sharad K. Maheswari, "A Text book of Accounting ForManagement", 2nd Edition, Vikas Publishing house (P) Ltd`

- 1. L. S. Porwal, (1994), "Accounting Theory-An Introduction", Tata McGraw Hill, NewDelhi, 3rd Edition
- **2.** B.I. Banerjee, (1993), "Financial Policy and Management Accounting", World Press, Calcutta, 2nd Edition
- 3. N.L and Ramanathan, (1992), "Management Accounting", New Delhi, Sultan Chand, 5thedition
- 4. R. Narayanaswamy, (2000) "Financial Accounting A Managerial Perspective", PHI, NewDelhi, 1st Edition
- 5. Khan and Jain, (1993), "Management Accounting", Tata McGraw Hill Publishing, NewDelhi -3rd Edition
- **6.** S. P. Jain, K. Narang, Simmi Agrawal, (2017), Advanced Cost Accounting and CostManagement, Kalyani Publishers / Lyall BK Depot- 5th Edition
- 7. Jawahar Lal, (2013), Cost Accounting, McGraw-Hill Education, 5th Edition

- 1. https://www.sxccal.edu/wp-content/uploads/2020/01/MBA-Accounting-Managers-1stYear.pdf
- 2. https://icmai.in/upload/Students/Syllabus2016/Inter/Paper-8-New.pdf
- 3. https://ebooks.lpude.in/management/bba/term_3/DMGT202_COST_AND_MANAGEMENT_AC COUNTING.pdf
- 4. https://www.bdu.ac.in/cde/docs/ebooks/mba/I/P16MBA6%20-%20MANAGEMENT%20ACCOUNTING.pdf
- 5. https://gurukpo.com/Content/MBA/Management%20Accounting%20I.pdf

DKTES's Textile and Engineering Institute, Ichalkaranji									
MBA First Yr. SEM-I									
MBI	MBL519: Business Statistics and Analytics								
Teaching Scheme:	Credits	Evaluation Scheme:							
Lectures: 03 Hrs/Week	04	MSE: 30 Marks							
Tutorials: 01Hr/Week	04	ISE: 20 Marks							
		SEE: 50 Marks							

On completion of the course, student will be able to –

- Find the central tendency and dispersions of the given quantitative data using the relevant methods.
- Predict the trend of the given variable using regression and correlation analysis.
- Apply principles of statistics in quality control, index number measurement, and financial analysis of the given data.
- Plan for future managerial decisions based on the time series analysis of the given data.

Course Contents Unit I Introduction to Statistics 12 Hours

Meaning of Statistics. Data Processing and Analysis: Classification, Summarization of Data. Types of central tendency(Examples only on Mean and Median). Examples on missing terms and missing frequencies. Combined Mean (Examples.) Measures of Dispersion: Absolute and Relative measures. Meaning of Mean Deviation, Standard Deviation, Variance and their real-life applications in business with examples. Introduction to skewness & kurtosis.

Unit II Correlation and Regression Analysis 12 Hours

Definition of Correlation. Types of Correlation. Karl Pearson's correlation coefficient and its interpretation (continuous data be omitted). Spearman's Rank correlation (Examples both on repeated and non-repeated ranks.)

Regression: Meaning of regression. Simple and multiple regression (problems on simple regression only.

Unit III Industrial and Managerial Statistics 12 Hours

Statistical Quality Control (SQC): Meaning and Concept. Control Charts: Examples on X- bar chart and R- Chart.

Index numbers: Concept, methods of measuring index. Base year formulas for predicting index number. Retail Price Index, Wholesale Price Index.

Functions and Derivatives: Linear, Quadratic and Exponential functions. Managerial applications of functions. Meaning of derivatives. Examples on first order derivatives. Economic application derivative to find Total, Marginal and Average Curves. Maximum and Minimum of functions and their applications in economics.

Unit IV Forecasting and Theory of Probability 12 Hours

Overview of Forecasting Methods, Selecting a Forecasting Technique.

Time Series: Meaning. **Time Series Analysis:** Trend Analysis, Cyclical Variations, Seasonal Effects, Random Fluctuations. Moving Averages (examples on three yearly and five yearly moving averages.)

Probability Distribution: Concept and definition of probability. Rules of probability. Revision of Probabilities using Baye's formula. Real life application of Baye's theorem in managerial decisions.

Text Books:

- **1.** Sanjiv Jaggia, Alison Kelly (2nd Edition, January 2, 2019), "Essentials of BusinessStatistics" 2nd Edition, Mc Graw Hill.
- **2.** V. C. Sinha, Alok Gupta (Edition: 1, 2014), "Business Statistics" SBPD Publications, ISBN: 9789351671411, 9351671410

References Books:

- 1. Dinesh Khatter and S.R.Arora (2001), "Business Mathematics With Applications", S.Chand Publications.
- **2.** S.C. Gupta and V.K.Kapoor (2000), "Fundamentals of Mathematical Statistics", 10thRevised Ed, S.Chand Publications.
- 3. S. C. Gupta (2014), "Fundamentals of Statistics", 7th Revised and Enlarged Ed, Himalaya Publishing House.
- **4.** Richard I. Levin & David S. Rubin (1997), "Statistics for Management", 7th Ed, Published by Prentice Hall.
- **5.** V.K. Khanna, Q. Zamiruddin & S. K. Bhambri, (2009) "Business Mathematics", 2nd Ed,Vikas Publishing House Pvt Limited.

- 1. http://www.opentextbooks.org.hk/system/files/export/9/9418/pdf/Principles_of_Business_Statistics_9418.pdf
- 2. http://www.ddegjust.ac.in/studymaterial/mcom/mc-106.pdf

DKTES	DKTES's Textile and Engineering Institute, Ichalkaranji								
MBA First Yr. SEM-I									
MBL520: Information Technology and MIS									
Teaching Scheme:	Credits	Evaluation Scheme:							
Lectures: 03 Hrs/Week	04	MSE: 30 Marks							
Tutorials: 01Hr/Week	· .	ISE: 20 Marks							
		SEE: 50 Marks							

On completion of the course, student will be able to –

- Describe the fundamental concepts and principles related to Management Information Systems.
- Identify and differentiate between various types of information systems, including transaction processing systems, decision support systems, and executive support systems.
- Identify the role of e-commerce in e-businesses.
- Explore the stages of the System Development Life Cycle and the methodologies used in developing and maintaining information systems.

	Course Contents						
Unit I	E-Commerce and E-business	12 Hours					

E-Commerce Definition, concept, types and applications of E-Commerce. E-Business Concept and Definition, Architecture of E-Business, E-Business Models and Applications. E-Banking: - Definition, Need and Significance of E-Banking, Security Threats and control measures in e-paymentsystems. E-Governance- need, scope and importance, applications of E-Governance.

Unit II Scope and Objectives of Information System 12 Hours

Concept of Data and Information, Introduction and characteristics of System. Concept of Information System, The role and importance of information systems, Decision making, Types of Decisions, Phases in Decision making. Information needs of different organization levels.

Unit III Types of Information Systems 12 Hours

Major types of information system in Organization- TPS, OAS, KWS, MIS, DSS, ESS and relationship between them, TPS- Need and significance. KWS & OAS- Need and significance. MIS, Decision support systems (DSS) – DSS characteristics and components of DSS, DSS applications. Group decision support systems (GDSS). Executive support systems (ESS) – Need and significance of ESS, Strategic information system

Unit IV Design, Development and Implementation of Information System 12 Hours

Overview of system development life cycle, phases of SDLC, Alternative system building methods, proto typing, application of software packages, end user development and outsourcing. Major problem areas in information system, causes of information system success and failure, Application IS in different functional areas like Marketing HRM etc

Text Books:

- 1. Management Information Systems by Kenneth C. Laudon, Jane P. Laudon
- 2. Management of Information systems Jawadekar W.S.
- 3. E-Business & E-Commerce for Managers by Harvey Deitel, Paul Deitel
- **4.** Management Information Systems by Dr. D. B. Bharati & Rohan Dahivale Himalaya Publications.

References Books:

- 1. Information systems management in practice Ralph H. Sprague Jr. & Barbara C. McNurlin
- 2. Management of information systems James A. O'Brien
- 3. Information system concepts for management 4th edition Lucas
- 4. Management Information Systems, Text and Applications by. C.S.V. Murthy
- 5. Management Information Systems by Jaiswal and Mittal, Oxford University Press

- 1. https://www.academia.edu/33858287/LECTURE_NOTES_on_Management_Information_System
- 2. https://dinus.ac.id/repository/docs/ajar/Kenneth_C.Laudon,Jane_P_.Laudon_-Management_Information_ Sysrem_13th_Edition_.pdf
- 3. http://www.managementstudyguide.com/

DKTES's Textile and Engineering Institute, Ichalkaranji								
MBA First Yr. SEM-I								
MBL521: Business Communication and Corporate Etiquettes								
Teaching Scheme:	Credits	Evaluation Scheme:						
Lectures: 03 Hrs/Week		MSE: 30 Marks						
Tutorials: 01Hr/Week	04	ISE: 20 Marks						
Tutoriais: OTFIT/ Week		SEE: 50 Marks						

Unit I

On completion of the course, student will be able to –

- Explain the process, the principles and the barriers of the effective communication.
- Synthesize information for effective business writing.
- Apply corporate etiquette principles while facing job interview, handling business telephonic call and while conducting meeting.
- Prepare presentations and effectively use electronic media for business communication.

Course Contents Introduction of Communication

Meaning, Objectives of upward, downward and horizontal communication, Principles of communication, Process of communication, Barriers of effective communication, Ethics in managerial Communication, Impressing through communication

Unit II Written and Oral Communication

12 Hours

Format of formal letter writing, Examples of business letters, Inquiries, Quotations, Orders, Complaints, Job Application Letter, Resume preparation, Report writing, Meetings, Notice, Agenda, Resolution & Minutes. Effective Listening: Types of listening, Dos and Don'ts of listening, Speaking as communication skill: Dos and Don'ts Of Speaking, Principles of speaking, GroupDiscussion

Corporate Etiquettes 12 Hours

Meaning and Importance of Etiquettes, Etiquettes and Non-Verbal Communication: Kinesics, Body language, Gestures, Postures, Facial Expressions, Eye Contact, Professional Handshake

Meeting and board room protocol: Guidelines for planning a meeting, Conducting meeting, Guidelines for attending the meeting

Interview Etiquette: Types of interviews, Process of interview, Preparation to face interviews Business Telephone Etiquette, Table manners and etiquette

Digital Communication and Presentations

Presentation: Meaning, Elements of presentation, Designing & delivering business presentations Digital Communication: Application of electronics media & communications, Video conferencing, SMS, Social media communication, E-mail.Introduction to online platforms for professional communication: Need of the online platforms forcommunication, Advantages and disadvantages, Manners and Etiquettes of online communication

Text Books:

- 1. Herta Murphy, Jane P. Thomas, "Effective Business Communication", 7th Edition, Mc GrawHill.
- 2. Asha Kaul, (2015) "Effective Business Communication" 2nd Edition, PHI
- 3. A. K. Jain, Dr. Pravin S.R. Bhatia, Dr. A. M. Shaikh, "Professional Communication Skills", Revised Edition, S. Chand Publications.

References Books:

- 1. Meenakshi Raman and Prakash, (2012), Business Communication, 2nd Ed, OxfordPublication
- 2. Raj Kumar, (2010), Basic Business Communication, 3rd Ed, Exel Books
- 3. Asha Kaul, (2009), Business Communication, 2nd Ed, PHI Learning
- 4. Pradhan & Thakur, (2016), Business Communication, 4th Ed, Himalay Publication
- 5. Urmila Rai, S. M. Rai, Business Communication, 9th Ed, Himalaya Publishing House
- **6.** David Robinson, Business Etiquette (Creating Success),(2016),1st Ed, Mc Grath HillPublication
- 7. Shital Kakkar Mehra, Business Etiquette: A Guide for the Indian Professional

- 1. https://www.ncertbooks.guru/mba-business-communication-lecture-notes/
- 2. https://www.ebooks.com/en-us/subjects/business-business-communication-ebooks/69/
- 3. https://www.g-wlearning.com/communication/9781605254722/student/index.htm
- 4. https://management.ind.in/forum/business-communication-notes-mba-pdf-12693.html

DKTES's Textile and Engineering Institute, Ichalkaranji								
MBA First Yr. SEM-I								
MBL522: Business Law and Ethics								
Teaching Scheme:	Credits	Evaluation Scheme:						
Lectures: 03 Hrs/Week	04	MSE: 30 Marks						
Tutorials: 01Hr/Week	04	ISE: 20 Marks						
		SEE: 50 Marks						

On completion of the course, student will be able to –

- Apply various norms of Contract Act and Sales of Goods Act in world of work.
- Apply Negotiable Instrument Act and Consumer Protection Act in professional world.
- Use of legal norms of Indian Company Act and IPR Act at various managerial positions.
- Use of professional ethics in both profession and personal life.

	Course Contents	
Unit I	Business Contract	12 Hours

Law relating to Indian Contract Act, 1872 - Formation of Contract, Essentials of a Valid Contract, Performance of Contract, Discharge of Contract and Remedies for Breach of Contract Law relating to Sale of Goods Act, 1930 - Essentials of contract of Sale of Goods, Conditions and Warranties, Performance of Contract of Sale, Unpaid Seller and his rights

Unit II Negotiable Instruments and Consumerism 12 Hours

Law relating to Negotiable Instruments Act, 1881 - Negotiable Instruments Meaning and Characteristics, Kinds of Negotiable Instruments, Holder and Holder in due course, Transferability and Assignment of Negotiable Instruments, crossing of cheques and bouncing of cheques Law relating to Consumer Protection Act, 1986 - Definition of consumer, who can file a complaint? Grounds on which a complaint can be filed? Unfair Trade Practices, Consumer Disputes and Redressal Agencies, Drafting of consumer complaint.

Unit III Law Relating to Indian Companies & Trademarks, Patents Act 12 Hours

Indian Company Act 1956 - Salient features of a company, Types of companies, Memorandum and Articles of Association, Corporate Veil-Doctrine of Ultra-Virus, Doctrine of Indoor Management, Winding up of companies Trademarks and Patents Act - Importance of protection of intellectual property, Copy rights and related rights, trademarks and rights arising from trademarks registration, Conceptual understanding of patents

Unit IV Introduction of Professional Ethics 12 Hours

Nature and importance of ethics in business, Theories of ethics, Gandhian philosophy of wealth management, Social responsibilities of business, Ethics and Decision Making, Morality and Rationality in organization, Ethics in Business disciplines

Text Books:

- 1. N.D. Kapoor (2016), 'Elements of Mercantile Law', Latest Edition, Paperback
- 2. K. R. Bulchandani (1984), 'Business Laws', 8th Edition, Himalaya Publishing House
- 3. M C Kuchhal & Vivek Kuchhal (2013), 'Business Law', 6th Edition, Vikas Publishing House Pvt. Ltd.
- 4. Aditya Soni (April 2019), 'Intellectual Property Law', 2nd Edition, Bharat Law House Pvt. Ltd.
- 5. Bajaj P. S & Raj Agarwal, 'Business Ethics', Biztantra, 2012.
- 6. Joseph R. Des Jardins and John J. McCall, 'Contemporary Issues in Business Ethics', 6th Edition.

References Books:

- 1. B. S. Moshal (2008) 'Business and Industrial Law', Latest Edition, Ane Books India.
- 2. S.N. Kulkarni (2008), 'Laws Regulating Business', Diamond Publications
- 3. S.S. Gulshan (2010), 'Mercantile Law', 3rd Edition, Paperback
- 4. Dr. S. C. Tripathi (2015), 'The Consumer Protection Act', 5th Edition, Paperback
- **5.** R.P. Maheshwari and S.N. Maheshwari (1983), 'Principles of Mercantile Law', 6th Edition, National Pub. House
- 6. G. K. Kapoor S. S. Gulshan, (2008) 'Business Laws', New Age International
- 7. Lawrence and Weber, 'Business and Society', 12/e, Tata McGraw-Hill, 2010.
- 8. Keshoo Prasad, 'Corporate Governance', 2/e, PHI.
- 9. Balachandran V, & Chandrashekharan V, 'Corporate Governance, Ethics and social

- 1. https://www.slideshare.net/varshanihanthlade/business-law-notes-of-module-1-sem-2
- 2. https://www.geektonight.com/business-law-notes
- 3. http://www.simplynotes.in/e-notes/mbabba/business-law/
- 4. https://www.dphu.org/uploads/attachements/books/books_3498_0.pdf

DKTES's	DKTES's Textile and Engineering Institute, Ichalkaranji								
MBA First Yr. SEM-I									
	MBL523: Managerial Economics								
Teaching Scheme:	Credits	Evaluation Scheme:							
Lectures: 02 Hrs/Week	03	MSE: 30 Marks							
Tutorials: 01Hr/Week	03	ISE: 20 Marks							
		SEE: 50 Marks							

On completion of the course, student will be able to –

- Explain how utilization of resources are important to achieve managerial and business goals.
- Identify how demand and supply interact in various market structure to determine price and output.
- Apply concept of production function in analyzing business situations to take better decisions.
- Examine revenue and cost concept by using cost curves to determine business efficiency.

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Unit I Role of Managerial Economics 09 Hours

Concept of firm and Market, Nature and Scope of managerial economics, Role of managerial economists in designmaking. Utility: meaning and analysis, measurement of utility and types. Law of diminishing marginal utility, Indifference curve, Consumer's equilibrium, Consumer surplus.

Unit II Demand and Production Analysis 09 Hours

Law of demand, types and factors affecting demand, Elasticity of demand, Techniques of demand forecasting, Survey and Statistical methods. Law of Supply, determinants of Supply, Elasticity of Supply. Production function, law of variable proportions, law of return to scale, Economies and diseconomies of scale. Practical Problems on demand forecasting.

Unit III Market structure and Pricing, Revenue Analysis 09 Hours

Cost Concepts and Types - Money, Real and opportunity Cost. Short-run and long-run Cost Curves, Pricing methods, Revenue and types of revenue, Types of market Structure, Pricing under different market structure, Output determination under perfect competition, Monopoly, Monopolistic competition and Oligopoly. Price leadership.

Unit IV Economics and Profit Planning 09 Hours

Pricing and business economics, economics of profit, Business cycle - Causes and Control. GDP and economics. Inflation and economics, Inflation: Meaning, Measures to Control Inflation, Profit Management: Concept, Nature and measurement of profit, Classification of profit. Strategic interaction and game theory.

Text Books:

- 1. D. N. Dwivedi Managerial Economics 7th edition, Vikas Publishing, 2009 ISBN-13: 978-8125923473
- 2. P. I. Mehta (2014), Managerial Economics Analysis Problems & Cases, 20th Revised & EnlargedEd, Sultan Chand & Sons. ISBN13: 978-93-5161-059-5.

- 1. V L. Mote, Samuel Paul, G. S. Gupta (2004), Managerial Economics: Concepts and Cases, McGrawHill Education 1st Edition 0070965188 · 9780070965188
- **2.** Jefrrey M. Pearloff (2006), Micro Economics 5th, 6th and 7th Edition.
- 3. D. M. Mithani and S. K. Dastane (2009), 1st Ed. Managerial Economics-Text and cases, HimalayaPub. House. ISBN: 978-93-5142-034-7.
- 4. Dr. D.M. Mithani International Economics Himalaya Pub House, ISBN: 978-93-5097-828-3

- 5. Mishra & Puri Economics for Management, Himalaya Pub. House, ISBN: 978-93-5142-597-7.
- **6.** Morgan Housel The Psychology of Money, Harriman House

- 1. http://www.edushareonline.in/Management/eco new.pdf
- 2. http://www.swlearning.com/economics/hirschey/managerial_econ/chap01.pdf
- 3. http;//www.richdad poor dad, https://learn.roofstock.com/blog/rich-dad-poor-dad-summary

DKTES's Textile and Engineering Institute, Ichalkaranji			
MBA First Yr. SEM-I			
MBL524: Skills for Managers			
Teaching Scheme:	Credits	Evaluation Scheme:	
Lectures: 02 Hrs/Week 03		MSE: 30 Marks	
Tutorials: 01Hr/Week	03	ISE: 20 Marks	
		SEE: 50 Marks	

On completion of the course, student will be able to –

- Apply essential managerial and leadership skills in a business context.
- Select vendors based on the vendor selection process.
- Apply negotiation strategies in different situations in business contexts.
- Take decisions for the given business situations.

Course Contents

Unit I Skills for Managers 09 Hours

Essential skills required for managers, Skills for a successful management process, Importance of management skills. Managerial Skills according to Robert Katz, Examples of Management Skills, Need of Managerial skills, How Management Skills can be Improved, Effective team building, Empowering and delegating, Responsibility and Authority relationship, Technical & Problem-Solving Skills. Planning, Forecasting

Unit II Vendor Relationship Management 09 Hours

Relationship skills and Communication with suppliers, Relationship of vendors and stakeholders. Identification source of new suppliers and vendors, Selection process based on price, quality, support, capacityand reliability, measuring and managing the vendor and supplier cost, quality and delivery performance, Vendor management process, Evaluation of vendors, Vendor management benefits, managing risk relating to quality, cost, delivery and supply of purchases. Problem-solving against a contract-driven relationship.

Unit III Negotiation 09 Hours

Introduction, Concept of Negotiation, Important points considered during Negotiation, Types of Negotiation, Principles of Negotiation, Possible outcomes of Negotiation, Steps of Negotiating, Negotiation Tactics, Factors Affecting Success in Negotiation, Negotiation in purchasing, Costs and delivery performance. Examples of negotiation.

Unit IV Selling Skills and Decision Making 09 Hours

Product Knowledge: Selling technique for B2C and for B2B, Discussion of different types of products and how the selling techniques of different products and services varies from sector to sector. Sales Process, sales plan, Sales target, Stock control Product presentation – Demonstration etc. Closing skills & Order Processing, in – store selling, Role of Consumer behavior in decision making. Effective decision making, Decision making at the work place, Problem solving and building relationship, Decision making strategy,

Text Books:

1. Sumit Koti, Vikesh Ramchandani, Selling and Negotiation Skill, Himalaya Publishing House, ISBN: 9789350970713

2. Madhurima Lall, Decision Making Skills, S Chand Publishing, ISBN: 9788121921947

References Books:

- 1. Himanshu Rai, Negotiation, McGraw Hill India, ISBN 9789387067974
- 2. Agostino Carrideo Vendor Management, CreateSpace Independent Publication, ISBN:9781514315200
- 3. Roy J Lewicki, Negotiation Reading Exercise, McGraw Hill India
- 4. Anand Sharama, Quantitative Techniques for Decision Making, Himalaya Publishing House, ISBN:97881178667553
- 5. Michel Crouhy, Robert Mark, The Essentials of Risk Management, McGraw Hill Education, ISBN:9780071818513

- 1. https://corporatefinanceinstitute.com/resources/careers/soft-skills/management-skills/
- 2. https://www.civilserviceindia.com/subject/Management/notes/vendor-evaluation-and-audit.html

DKTES's Textile and Engineering Institute, Ichalkaranji (An Autonomous Institute Affiliated to Shivaji University, Kolhapur)

Teaching and Evaluation Scheme with effect from the Year 2021-22 First Year MBA (Semester – II)

Sr. No.	Course Code	Course Title	Teaching Scheme		Course Credits			valuation Scheme			
			L	T	P	Contact		C	EIE	SEE	TOTAL
						Hrs/wk		MSE	ISE		
1	MBL525	Marketing Management	3	1	-	4	4	30	20	50	100
2	MBL526	Financial Management	3	1	-	4	4	30	20	50	100
3	MBL527	Human Resource Management	3	1	-	4	4	30	20	50	100
4	MBL528	Operations Techniques and Management	3	1	-	4	4	30	20	50	100
5	MBL529	Basics of Strategic Management	2	1	-	3	3	30	20	50	100
6	MBL530	Research Methodology	3	1	-	4	4	30	20	50	100
7	MBL531	Decision Analysis Techniques for Managers	3	1	-	4	4	30	20	50	100
8	MBL532	Business Environment	2	1	-	3	3	30	20	50	100
		Total	22	08	00	30	30	240	160	400	800

L- Lecture

T-Tutorial MSE: Mid Semester Examination CIE - Continuous In Semester Evaluation

P-Practical ISE: In Semester Evaluation SEE - Semester End Examination

DKTES's Textile and Engineering Institute, Ichalkaranji				
MBA First Yr. SEM-II				
MBL525: Marketing Management				
Teaching Scheme:	Credits	Evaluation Scheme:		
Lectures: 03 Hrs/Week	04	MSE: 30 Marks		
Tutorials: 01Hr/Week	04	ISE: 20 Marks		
		SEE: 50 Marks		

On completion of the course, student will be able to –

- Plan for marketing activities considering the changing market environmental factors
- Apply segmentation, targeting, and positioning strategies based on the consumer behavior analysis.
- Use the concepts learnt to frame product mix and price mix strategies for any business in manufacturing as well as in service industry.
- Formulate promotion and distribution strategies for the given product.

Course Contents				
Unit I	Introduction to Marketing	12 Hours		

Definitions of market and marketing, Nature and scope of marketing, Sales and Marketing, The coreconcepts of marketing, Company orientation towards market place, Marketing Environment: Microand Macro marketing environment, Marketing Planning and Marketing Planning process, MarketingMyopia

Unit II Consumer Behaviour and STP 12 Hours

Consumer Behaviour Analysis: Meaning and Characteristics, Importance, Factors Influencing Consumer Behaviour, Consumer Purchase Decision Process, Factors influencing consumer behaviour, B2B marketing Vs Consumer Marketing. Market Segmentation, Targeting & Positioning:

Segmentation: Benefits of segmentation, Bases for market segmentation, Consumer goods market segmentation Targeting: Meaning and Market targeting strategies. Positioning: Meaning and Importance

Unit III Managing the Product and Pricing Decisions 12 Hours

Managing the product: Meaning of product, Levels of products, Types of products, Product line decisions, Product life cycle, Concept of packaging, Advantages and disadvantages of packaging, Concept of branding, Advantages and disadvantages of branding

Pricing decision – Meaning, Significance of pricing, Objectives, Factors influencing pricing, Pricingmethods, Pricing Strategies

Unit IV Promotion Mix and Distribution Strategy 12 Hours

Promotion mix: Advertising: Meaning, 5 Ms of advertising: Personal selling: Nature, Types, Processof personal selling, Sales promotion: Nature, Importance, Types and Techniques of sales promotion, Direct marketing: Meaning, Need, Types of direct marketing. Publicity: Meaning, Objectives, Types of publicity Distribution Strategy- Meaning, Objectives, Factors Affecting Channel Choice, Channel Design, Channel Management Decision

Text Books:

- 1. M. Govindarajan, "Marketing Management Concepts, Cases, Challenges and Trends", 2ndEdition, PHI.
- 2. Rajan Saxena, "Marketing Management", 5th Edition, McGraw Hill Publication
- **3.** Ramswamy V. S., Namakumari S., Macmillion (2012), "Marketing Management", 3rd EdPublishers India Ltd.
- **4.** Philip Kotlar, Gary Armstrong, "Principles of Marketing", 17th Edition, Pearson Publication

References Books:

- 1. Kotler, Keller, Koshy & Jha, (2017), "Marketing Management, South Asian Perspective", 15th Ed, Pearson Education.
- 2. Ramaswamy V. S. & Namakumari (2014) "Marketing Management", 4th Ed, TMH.
- **3.** Tapan Panda (2014) "Marketing Management", 2nd Ed, Excel Publication.
- **4.** Arun Kumar & Meenakshi N (2012) "Marketing Management", 2nd Ed, Vikas publication.
- **5.** Neelamegham S, "Marketing in India: Text and Cases", 4th Ed, Vikas publication.
- **6.** Shajahan S (2011), "Applied Case Studies in Marketing", 3rd Ed, Primus Books.

- 1. http://www.himpub.com/documents/Chapter903.pdf
- 2. https://www.enotesmba.com/2013/01/marketing-management-notes.html
- 3. https://www.academia.edu/32346771/MARKETING-MANAGEMENT-NOTES.pdf

DKTES's Textile and Engineering Institute, Ichalkaranji				
MBA First Yr. SEM-II MBL526: Financial Management				
Teaching Scheme:	Credits	Evaluation Scheme:		
Lectures: 03 Hrs./Week	04	MSE: 30Marks		
Tutorials: 01Hr/Week ISE: 20Mar				
		SEE: 50Marks		

On completion of the course, student will be able to –

- Apply Capital Budgeting techniques in Financial Management for effective decision-making in business.
- Interpret financial statements to know business financials.
- Estimate the working capital requirement of various firms.
- Compute Receivables and payables of various firms.

Course Contents

Unit I	Introduction to Financial Management and capital Budgeting	12 Hours
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Financial Management: meaning, objectives and scope; types of financial decisions, role and responsibility of financial manager in a firm.

Capital Budgeting Decisions: nature, importance and types of investment decision, techniques of evaluating capital budgeting decisions, risk analysis in capital budgeting.

Unit II Techniques of Financial Statement Analysis 12 Hours

Comparative financial statements, Trend analysis, Common size statement, Ratio Analysis- Classification of ratios, -Liquidity ratios, Leverage ratios, Activity ratios, Profitability ratios, Inter firm and Intra firm financial Analysis, Interpretation of Ratios, Cash flow and Fund flow statement

Unit III Short term Financing and Investment Decision 12 Hours

Working Capital Management: Concept and types of working capital; determinants of workingcapital, estimation of working capital requirement; working capital policy.

Unit IV Receivable and Payable Management 12 Hours

Meaning, objectives, Factors determining credit policy, approaches to evaluate credit policy, Payable Management: Meaning cost and benefits of trade credit, computation of cost of creditors

Note: -Theory all units.

Problems on-Unit No. 1st, 2nd and 3rd unit

Practical Problems on Ratio Analysis, Capital budgeting, working capital management

Text Books:

- **1.** Khan and Jain "Financial Management-Theory and Problems in Financial Management" McGraw Hill Education; 2 edition (5 May 1999)
- **2.** Prasanna Chandra- "Financial Management: Theory and Practice" Tata McGraw HillEducation (1 November 2007)

- 1. I.M. Pandey—"Financial Management" Vikas (5 May 2016)-11th Edition
- 2. P.V. Kulkarni, B. G. Satyaprasad- "Financial Management"-Himalaya Publishing House(Edition 2007)
- 3. Sheeba Kapil- "Financial Management"-Pearson Publication First edition (1 December 2010)
- **4.** Bhalla— "Financial Management" **-**S. Chand Publication- 3rd Edition
- 5. R. M. Srivastav-"Financial Management & Policy"

1.http://vcmdrp.tums.ac.ir/files/financial/istgahe_mali/moton_english/financial_management_%5Bwww.accfile.com%5D.pdf

2.http://www.crectirupati.com/sites/default/files/lecture_notes/finance%20notes.pdf

DKTES's Textile and Engineering Institute, Ichalkaranji				
MBA First Yr. SEM-II				
MBL527: Human Resource Management				
Teaching Scheme:	Credits	Evaluation Scheme:		
Lectures: 03 Hrs/Week	04	MSE: 30 Marks		
Tutorials: 01Hr/Week	04	ISE: 20 Marks		
		SEE: 50 Marks		

On completion of the course, student will be able to –

- Describe basics of HRM with its function, need & challenges
- Explain different HRM Practices like Job analysis, Recruitment, Selection & compensation management.
- Apply the different concepts of HRD like Training, Career planning & performance Appraisal.
- Identify the Modern trend of HR Practices in the Industry

Course Contents

Unit I Human Resource Management 12 Hours

Definitions, Meaning, Evolution, importance, Scope and Nature of HRM. Functions of HRM- operative and managerial, challenges. Personnel Management Vs. Human Resource Management, policies and procedure of HRM –need and advantages, Organization of HR department in recent era. Duties and responsibilities of HR Department.

Unit II Human Resource Planning 12 Hours

Definition and meaning of HRP Objectives and Process, Importance of HRP, Problems in HRP, Benefits of HRP, HRP at different levels Job Analysis-Process, job description and job specification, Recruitment-policy, sources of recruitment, Selection-Recent Selection Process. Induction to fresher's, Compensation Management-Objectives, Components, Wage theories.

Unit III Human Resource Development 12 Hours

Definitions and Meaning of HRD, Training and Development of Human Resources- Meaning, importance and process. Need for training, Career Planning: - prerequisites and advantages, Succession Management. Performance Appraisal— Definitions, Meaning, importance, Performance appraisal methods. Brain drain of HR,HR Problems for T&D.

Unit IV Modern HR Practices 12 Hours

Maintenance of safety provision and well fair, Participative management, importance of diversifiedHR, HR relations and communication, Emotional intelligence, HR accounting and auditing HRIS,Flexi time, Dual career, International HRM and Cross Culture(only conceptual knowledge), HRMpractices in M. S. M Industrial unites.

Text Books:

- 1. Human Resource Management- P. Subba Rao -Himalaya Publications
- 2. Recent Trends in Human Resource Management Himalaya Publication House New Delhi,
- 3. First Edition of Research thesis, By: Dr Ravindra. U. Kanthe

- 1. Human Resource Management- Text and Cases- K. Aswathappa- Tata McGraw Hill.
- 2. Employee Training and Development- Raymond Noe- Tata McGraw Hill
- 3. Human Resource Management: Text and Cases- VSP Rao- Excel Books
- 4. Human Resource Management- Snell, Scott and George Bohlander- Thomson
- 5. Personal Management 6Th Ed Edwin B. Flippo, Tata McGraw Hill

1.https://shodhganga.inflibnet.ac.in/bitstream/10603/76404/10/10_chapter%201.pdf

2.http://archive.mu.ac.in/myweb_test/M.Com.%20Study%20Material/Human%20Res.%20Managem ent%20-%20M.%20Com%20-%20I.pdf

DKTES's Textile and Engineering Institute, Ichalkaranji				
MBA First Yr. SEM-II				
MBL528: Operation Techniques and Management				
Teaching Scheme:	Credits	Evaluation Scheme:		
Lectures: 03 Hrs/Week	04	MSE: 30 Marks		
Tutorials: 01Hr/Week	04	ISE: 20 Marks		
		SEE: 50 Marks		

On completion of the course, student will be able to –

- Apply production management principles in planning and operations.
- Use relevant material procurement and material management processes.
- Select relevant service provider for outsourcing based on criteria.
- Apply purchasing processes to maintain material stock as per requirement.

Course Contents

Unit I	Introduction to Production Management	12 Hours

Production management- Objectives, functions, Production department organization structure, Relationship of production management with other departments. Scope of production management, Responsibilities of production Manager. Classification of production system Management Decisions, Production strategy, product selection, product design, process selection, Plant location and layout, need of selecting suitable location, Factors affecting facility location decision in operation management.

Unit II Procurement and Material Management 12 Hours

Objectives, need and functions of Materials Management, Need of Materials Planning. Principles of material management, Functional areas of material management, Procurement, Steps in procurement, Procurement process example, Importance of procurement in business, Factors affecting Materials Planning, Role of Procurement in Business, Procurement vs Purchasing,

Unit III Outsourcing 12 Hours

Sourcing and outsourcing. Need and importance of outsourcing. Limitations of sourcing and outsourcing. Sources of Supply, Selection of supplier, Evaluation of supplier performance, Supplier selection criteria, Negotiation, Importance of negotiation, Make or buy decision, Vendor Analysis & evaluation.

Unit IV Purchasing Management 12 Hours

Objectives of Purchasing, Functions and responsibilities of Purchase Department, Methods of Purchasing, Prerequisites and Elements. Steps in the Purchasing, Requisition/Indent, Types of requisition, Importance. Review of requisition and approval, Quotation, need of quotation in business, Comparative statement, Integration of requisition, quotation and purchase order, Purchase Price Determination, Difference between purchase order and invoice,

Text Books:

- 1. Martand Telsang, Production Management, S Chand publication, ISBN 9789352533794
- 2. K. Aswathappa, Shridhara Bhatt, Production and Operation Management, Himalaya Publications, ISBN 9350248735

- 1. Prof. K. C. Jain ,Production and Operation Management, Wiley, ISBN 9789350045091
- 2. Sowmya Rao, Production and Material Management, Himalaya Publications, ISBN 9789350971093
- 3. S.A.Chunawala, D.R.Patel, Production and Operation Management, Himalaya Publications, ISBN 9789352029013
- **4.** J P Saxena, Production and Operation Management, Vijay Nicole Imprints Pvt Ltd, SecondEdition, ISBN 978007015329140
- 5. S N Chary, Production and Operations Management, Tata Mcgraw Hill, Second Edition. ISBN 9789353164812
- 6. D. Chandra Bose, Inventory Managenent, PHI Learning, ISBN 9788120328532

- 1. https://www.purchasecontrol.com/blog/purchasing-process/
- $2.\ https://www.yourarticlelibrary.com/material-management/material-management-its-definition objectives-and-organization/27934$

DKTES's Textile and Engineering Institute, Ichalkaranji MBA First Yr. SEM-II MBL529: Basics of Strategic Management			
Teaching Scheme:	Credits	Evaluation Scheme:	
Lectures: 02 Hrs/Week	03	MSE: 30 Marks	
Tutorials: 01Hr/Week	0.5	ISE: 20 Marks	
		SEE: 50 Marks	

On completion of the course, student will be able to –

- Develop strategic framework focusing on competitive environment and sustainability.
- Analyze the performance of the various firms on the basis of Strategic analysis tools.
- Demonstrate the ability to translate strategic plans into actionable initiatives, including resource allocation and execution.
- To develop skills for applying principles of strategy formulation, implementation to the solution of business problems

Course Contents

Unit I Introduction to Strategic Management 09 Hours

Concept of Strategy, Process of Strategy, Strategic Framework, Strategic management process and concepts, Value, Competitive Forces, Nature of competitive advantages and sustainability, Strategy Content, Process and Roles, Dimensions and Levels of Strategy, Strategic Decision Making and Approaches to Strategic Decision making.

Unit II Strategic Analysis 09 Hours

Tools and techniques for strategic analysis, Generic Strategies, SWOT analysis, GAP analysis, Porter's five forces model, Value-chain analysis, Benchmarking, BCG Matrix, GE-9 Cell Matrix, TOWS Matrix, Rresource-based view of a firm, Business Portfolio Analysis. Evaluation of firm performance, Corporate Strategy.

Unit III Strategic Formulation 09 Hours

Different levels of strategy. Low cost, differentiation and focus strategies. Factors affecting competitiveness. International, multi-domestic, global and transnational strategies. Creating value and diversification, outsourcing, acquisitions, new ventures, international strategic alliances, and restructuring. Horizontal and vertical integration. Business Life Cycles and Strategies

Unit IV Strategic Implementation and Control 09 Hours

Strategy Implementation: Structure, Systems and People, The 7S Framework, Strategies for the Bottomof the Pyramid, Digitalization strategies, Strategic control and corporate governance. Creating effectiveorganisational designs. Managing innovation and fostering corporate entrepreneurship. Model of Strategic Implementation,

Text Books:

- 1. Strategic Management & Business Policy, Azar Kazmi, Tata McGraw Hill, 3rd Ed. 2009.
- 2. Strategic Management, Concepts & Cases, Fred R. David, Pearson Education, 9thEd.2005.
- 3. Strategic Management, 12th Ed. Concepts and Cases Arthur A. Thompson Jr. and A.J. Strickland

- 1. Globalisation, liberalisation and strategic Management, V. P. Michael, HimalayaPublishing House.
- 2. Crafting and Executing Strategy- The quest for competitive advantage, Concept & Cases-A.A.
- 3. Thompson, A.J. Strickland, John E. Gamble, Arun K. Jain, Tata McGraw Hill-2010
- 4. Business Policy and Strategic Management, P. Subba Rao, Himalaya Publishing House.
- 5. Strategy & Business Landscape Pankaj Ghemawat

- 1. https://gurukpo.com/Content/MBA/BPSM.pdf
- $2.\ https://www.academia.edu/5535061/BUSINESS_POLICY_AND_STRATEGIC_MANAGEMENT$
- 3. https://core.ac.uk/download/pdf/249336166.pd

DKTES's Textile and Engineering Institute, Ichalkaranji				
MBA First Yr. SEM-II				
MBL530: Research Methodology				
Teaching Scheme:	Credits	Evaluation Scheme:		
Lectures: 03 Hrs/Week	04	MSE: 30 Marks		
Tutorials: 01Hr/Week		ISE: 20 Marks		
		SEE: 50 Marks		

On completion of the course, student will be able to –

- Identify the fundamental aspects involved in research.
- Design the flow of research for various problems.
- Apply various statistical tools for data analysis.
- Identify the sub parameters of project report.

Course Contents

Unit I Research Fundamentals 12 Hours

Meaning, Objectives, Importance, Motivation in research, Types of research, Research approach, Research process: Defining research problem, Literature review, Research design, Data collection, Data analysis and interpretation, Findings and Suggestions, Conclusion, Report writing, Scope of research in management

Unit II Research Design & Sampling Design 12 Hours

Features of good research design, Types of research design, Basic principles of experimental design, Sampling Design, Steps in sample Design, Characteristics of a good, Sample Design, Random samples & Non-random sampling design, Determining size of sample, Statistical design, Measurement & Scaling techniques-Measurement scales, Errors in measurement. Scaling & Scaleconstruction techniques.

Unit III Data Collection and Analysis 12 Hours

Methods of data collection, Primary data – Schedule and questionnaire, Construction of schedule and questionnaire align with objectives framed, Collection of secondary data. Processing and analysing data – Descriptive Analysis (Mean, Mode, Median, Standard Deviation, and Variance Analysis) Testing of hypothesis – Procedure for hypothesis testing, Parametric and Non parametrictest of hypothesis, Confidence level, Inferential Analysis ('Z' test, 't' test, Chi- Square test), Basicsof ANOVA

Unit IV Interpretation and Report Writing 12 Hours

Editing, Coding, Classification, Tabulation, Validation Analysis and Interpretation of data,

Techniques of Interpretation. Report writing, Methods of report writing, Layout of a project report: Start pages, Introduction the study, Research methodology, Review of literature (Theoretical background), Datacollection, Data analysis and interpretation, Findings, Suggestions, Conclusion, End pages

Text Books:

1. C. R. Kothari (2013), "Research Methodology", Second Revised Edition, New age international (P) Ltd.

2. S. Mohan, R. Elangovan, "Research Methodology in Commerce", Deep & Deep, New Delhi

- 1. R. Panneer Selvan, "Research Methodology", PHI
- 2. Jai Narain Sharma, "Research Methodology the Discipline & Its Dimensions", Deep & Deep, New Delhi
- 3. Gopal Lal Jain, "Research Methodology Methods, Tools & Techniques", Mangal Deep Pub. Jaipur
- 4. Dr. Raj Kumar, "Methodology of Social Sciences Research", Book Enclave, Jaipur
- 5. Donald Cooper & Pamela Schindler, "Business Research Methods", 9th Edition, TMGH

- 1. http://agiftmu.blogspot.com/2018/02/notes-on-research-methodology-for-mba-ii.html
- 2. https://www.researchgate.net/publication/319207471_HANDBOOK_OF_RESEARCH_METHOD OLOGY 3. https://www.researchgate.net/publication/303381524_Fundamentals_of_research_methodology_and
- https://www.researchgate.net/publication/303381524_Fundamentals_of_research_methodology_and data_collection

DKTES's Textile and Engineering Institute, Ichalkaranji				
MBA First Yr. SEM-II				
MBL531: Decision Analysis Techniques for Managers				
Teaching Scheme:	Credits	Evaluation Scheme:		
Lectures: 03 Hrs/Week	04	MSE: 30 Marks		
Tutorials: 01Hr/Week		ISE: 20 Marks		
		SEE: 50 Marks		

Unit I

On completion of the course, student will be able to –

- Recognize and suggest the use of appropriate tool of Operations Research in related business.
- Formulate LP models to find optimum solution to different business-related problems from their verbal description.
- Apply knowledge of Transportation, Assignment, Simulation and Queuing models in managing resources of an organization optimally.
- Use the knowledge of network models like CPM and PERT to improve decision making in industrial management.

Course Contents Basics of Operations Research and Linear Programming Model 12 Hours

Operations Research: Concept, Historical Background, Phases, Features/Approaches, Scope and limitations of OR. Linear programming (LP): Formulation of model, Solution to LP Model by Graphical Method, Simplex Method, Big-M.

Unit II Assignment and Transportation Models 12 Hours

Transportation problems (TP): Concept, General structure of transportation problem, methods of finding initial basic feasible solution (NWCM, LCM and VAM), Problems on balanced/unbalanced TP (Case of maximization and minimization), and optimality test using MODI method, Travelling Salesman Problem.

Assignment Problems (AP): Concept, General structure of assignment problem, Hungarian method of solution. Problems on balanced/unbalanced AP (Case of maximization and minimization)

Unit III Simulation and Queuing Models 12 Hours

Queuing: Concepts, types of queuing system, characteristics of queuing model, Problems basedon the results of (M/M/1) model.

Simulation: Concept, Areas of application, Monte Carlo simulation & its application to problems in queuing and inventory situations.

Unit IV Project Management 12 Hours

Basic terms used in network analysis. Introduction to PERT and CPM, Difference between PERT and CPM. Determination of Earlier Starting Time and Earliest Finishing Time in the Forward Pass. Determination of Latest Starting Time and Latest Finishing Time in Backward Pass. Critical Path calculation, float calculation and its importance. Probability consideration in project scheduling. Projectcost analysis. Cost reduction by Crashing of activity.

Text Books:

- **1.** S. D. Sharma, Himanshu Sharma (1972), "Operations Research: Theory, Methods and Applications" 15th Ed, Published by Kedar Nath, Ram Nath.
- 2. P. K. Gupta & D.S. Hira (2014), "Operations Research", Revised Ed, S. Chand Company and Ltd.

References Books:

- 1. Hamdy A. Taha (2011), "Operation Research- An introduction", 9th Ed, PearsonPublications.
- 2. Harvey M Wagner (1975), "Principles of Operations Research", Published by Prentice-Hall.
- 3. Hamdy A Taha, (1999), "Introduction to Operations Research", PHI Limited, New Delhi.
- 4. Sharma, J.K., (1989), "Mathematical Models in Operations Research", TMH
- **5.** Wagner, Harvery M (1975), "Principles of Operations Research", PHI, Egnlewood Cliffs, N.J.

- 1. http://www.maths.adelaide.edu.au/matthew.roughan/notes/OORII/03lecture_notes.html
- 2. https://www.slideshare.net/mobile/rainuthakur1988/newornotes

DKTES's Textile and Engineering Institute, Ichalkaranji MBA First Yr. SEM-II MBL532: Business Environment		
Teaching Scheme:	Credits	Evaluation Scheme:
Lectures: 02Hrs/Week	310020	MSE: 30Marks
	03	ISE: 20Marks
Tutorials: 01Hr/Week		SEE: 50Marks

On completion of the course, student will be able to –

- Identify types of Business environment applicable to business.
- List out agricultural environment of business and explain potential of Agri-business in India.
- Examine financial and Government related environment of business and its impact on business.
- Evaluate new business opportunities in India and international environment of business.

Course Contents

Unit IIntroduction of Business Environment09 HoursBusiness: Concept, significance, nature of business environment, Types of Business Environment: Internal and External

Environment, Micro and Macro Environment, Economic Environment, Economic Growth and Development concepts of national income i.e. Gross Domestic product (GDP), GNP, NNP. Human Development concept, Gender related Development Index (GDI). Poverty Line and Micro-Finance Agencies.

Unit II Agricultural and Financial Environment 09 Hours

Role of Agriculture in Indian Economic, Agro-based Industries Sugar, Jute, Food Processing. Food Security bill, Food Safety and Standard Authority of India, (FSSAI). Indian Agricultural policy, concept of E-choupal. Indian Money Market, characteristics of money market. Role of capital Market in India's Industrial Growth, Stock Exchange Market and its Regulations, SEBI, NSE, BSE, Financial literacy.

Unit III Government and International environment 09 Hours

Economic Planning: Objectives of 12th plan. NITI Ayog, Industrial Policy. Foreign Trade Policy 2009-14, SEZs: Concept, Fiscal and Monetary Policy. Impact of LPG on Indian economy. Sources of Foreign Direct Investment in India. NRIs and Corporate sector. International Trade and policy.

World Bank and WTO: Organization, structure, advantages to India, IMF, Exchange Rate and Policy of Developing Economies.

Unit IV Global and social environment of the business 09 Hours

Business as blending of People, Technology and Ethical Behavior, Achieving Business Success through Social Responsibilities, Information age of business, Influence of demography, technology, gender issues.

Multinational Corporations: perspectives on Globalization, Globalization of Brands, Globalization of the Indian Business and Firms.

Text Books:

- 1. Francis Cherunilam, Business Environment, Himalaya Publishing House, Mumbai, ISBN Number:978-81-8488-805-8.
- 2. K.Mishra and V.K.Puri (2012) Economic Environment of Business, (with case studies), Himalaya Publishing House, Mumbai.

- **1.** Francis Cherunilam, International Business Environment, Himalaya Publishing House, Mumbai. ISBNNumber: 978-93-5299-437-3.
- 2. Justin Paul, Business Environment Text and cases, Tata McGraw-Hill publishing company, New Delhi.ISBN 13:9789353162498.
- **3.** Paul Krugman, Maurice Obstfeld and Marc Melitz, International Economics, Pearson, Global Edition, ISBN-10: 1292214872.
- **4.** Aswathappa K, Essentials of Business Environment, Himalaya Publishing House, Mumbai.
- **5.** Kotler, Phillip and Gary M. Armstrong (2006), Principles of Marketing (Version 12/E), PearsonEducation Inc.
- **6.** Ruddar Datt, Economic Reforms in India: A Critique, S.Chand Publications.

- 1. https://services.parliament.uk/bills/2019-20/earlyparliamentarygeneralelection.html
- 2. http://www.export.gov/
- 3. https://themba.institute/business-environment/social-environment/