

Appendix – 3
Detailed Course Syllabus for MBA Program
SEMESTER – I

Semester	I	Course Code	00	Type of Course	Core
Course Name	INDUCTION cum FOUNDATION COURSE				
Credits	None	Number of 1 hour lectures: Min. 40		4-8 hours per day	
Detailed Course Objectives					
CO1	Given a presentation/ debatable topic, discussion, training, the students will be able to understand voice modulation, nuances of diction and articulation which will in turn help them in developing effective communication skills.				
CO2	Given a workplace setting, the students will not only be aware about their inner qualities, inner potential and importance of human qualities but also will be able to critically assess the relationship between theory and practice in the formulation of values.				
CO3	The Students will be able to perform calculations based on elementary statistics and accountancy				
CO4	Given a stressful or demanding situation the students will develop skills like team work, leadership, time management and will also be able to develop self confidence, handle conflicts, be patient and work under pressure.				
CO5	Given a problematic situation/ a dilemma/ a choice the students will be able to distinguish between the ethical and unethical ways and chose the right way of doing things in professional and personal life.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Acting Techniques (Duration -2 hours) Incorporates different renowned techniques which helps in understanding, analysing and applying the craft of Acting. History of Acting: traditional and classical modes of Acting, modern Acting i.e. method Acting / realistic form of Acting and the post-modern, i.e. contemporary methodologies, to comprehend the art of performance more efficiently.			Drama Games and Acting Exercises: 177 games and activities, Rod Martin, 1 st Edition, Meriwether Publishing Ltd	

	<p>Creative Body Movements (Duration -1 hours) The body is the basic tool of an actor. Creative body movements are prime exercises, which are conducted in the beginning of almost every acting class. These movement classes enables one to become graceful and energetic, and makes one aware of factors like rhythm, gait, pace, tempo, gestures, postures, body language, compositions, etc. which later help one in understanding scenes more effectively.</p> <p>Voice Culture (Duration- 2 hours) The voice is another tool of an actor. In voice classes, students get to understand the power of their voice and gain an insight of how to modify it by controlling various resonators and muscles.</p> <p>Diction and Speech (Duration- 2 hours) The students are taught the importance of clarity of speech — articulation as well as expressions.</p>	
<p>Module 2</p>	<p>Self Exploration—what is it? Material requirement (tangible things) for the body and non-material requirement (intangible things) like love, respect, care, etc. Why are they important? Needs of Self (such) and Body (savidha)- trust love, care, respect (self), physical needs, facilities (savidha); Peer Pressure and its effect on you and your family; Seven Relations - Parents-children (maataa & pitaa { putra-putri), Teacher { student (guru-shishya), Brother { sister (bhaini-behan), Friend (mitra), Saathi-sahayogi (leader-assistant at work place), Husband-wife (pati-patni), System related (Vyavasthaagata sambandh); Nine Values (Mulya) -Trust (Vishwas), Respect (Samman), Affection (Sneha), Care (Mamataa) Guidance (Vaatsalya) Gratitude (Kritagyataa) Reverence (Shraddha) Glory (Gaurav) Love (Prema)</p>	<p>R.R Gaur, R Sangal, G P Bagaria, A foundation course in Human Values and professional Ethics, Excel books, New Delhi, 2010, ISBN 978-8-174-46781-2</p>
<p>Module 3</p>	<p>Basics of Business Statistics: Measures of Central Tendency – Mean, Mode, Median Basics of Accounting: Golden Principles of Accounting, Journal Entry, Ledger Posting, Trial Balance. Basics of Banking Transactions – Writing Bank Cheques, DD, Challan, Use of NEFT, RTGS, e-Wallets, UPI, Netbanking</p>	<p>Statistical Methods, S. P. Gupta, Sultan Chand & Sons, ISBN-13: 978-8180549311 Chapter No. 7</p> <p>Financial Accounting, S. N. Maheshwari, Suneel K Maheshwari, Sharad K Maheshwari, Vikas Publishing House; Sixth edition (2018), ISBN-13: 978-9352718535</p>

<p>Module 4</p>	<p>Games and sports - This would involve a daily routine of physical activity with games and sports. There can be games in the evening or at other suitable times according to the local climate. Each student should pick one game and learn it for the duration of the induction program and hopefully, continue with it later.</p> <p>The physical, psychological and social benefits of exercise and the importance of assuming personal responsibility in lifestyle choices. Guidelines for healthy eating, the importance of good nutrition and physical activity in weight management and the problems associated with fad diets and quick weight-loss methods</p> <p>YOGA- few basic asanas and some breathing techniques</p> <p>ZUMBA- Zumba is a great confidence and a great way to relieve stress for all while having fun and getting in a great work out.</p> <ul style="list-style-type: none"> ● Talk on Healthy eating habits and Tips for leading a FIT lifestyle can be organized in association with the Sports Department ● Daily 15 minutes meditation sessions can be organized for the benefit of the students. 	<p>https://www.yogajournal.com</p>
<p>Module 5</p>	<p>Indian ethos and values- relevance of Indian ethos, Indian work ethos and Principles of Indian ethos for Management, Cultural influences on business practices- benefits from the culture knowledge- culture insights into social responsibility, Principles Practiced by Indian Companies, Role of Indian Ethos in Managerial Practices, Transactional Analysis- An Indian Perspective</p>	<p>1. Indian Ethos and values in Management by R. Nandagopal by Ajith Sanakr R.NN, Tata Mc Graw Hill Education Pvt. Ltd, New Delhi (Chapter One Page 2-22)</p>
<p>Other Reference books and sources</p>	<ol style="list-style-type: none"> 1. https://www.aicte-india.org/sites/default/files/induction-guide-jun17-aicte%20(1).pdf 2. The Theatre of the Absurd (English), Martin Esslin, Bloomsbury Publishing India Private Limited; ISBN-13: 978-1472577023 3. The Theatre of the Absurd (Marathi), Dr. Satish Pawade, Generic, ASIN: B07RDY6LSZ 4. Jagatik Rangabhoomi Purvarang by Manisk Kaned- Publication Rohan Prakashan 5. Natyadarshan by Dr. Parag Ghonge by Sahitya Samiksha 6. The Body Can Speak: Essays on Creative Movement Education with Emphasis on Dance and Drama, 1st Edition, by Annelise Mertz (Author), Joseph Roach (Foreword) 7. Vacghik Abhinay by Dr. Shriram Lagoo 8. Lessons from Mahabharata by G.N. Das, Abhinav Publishers, New Delhi, 1998 9. Indian Ethos and Values for Leadership Excellence by K. Nagrajan, New Age International Publishers, 1st edition, 2011, (Chapter 9- Pg 103-113) 	

10. Business Ethics and values By Dr. D. Senthil Kumar and A. Senthil Kumar , Himalaya Publishing House, 33rs edition, 2008(Chapter 7 pg no.283-295)

Semester	I	Course Code	1T1	Type of Course	Core
Course Name	MANAGERIAL ECONOMICS				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	Given the details regarding price and quantity, the future manager will be able to calculate and interpret price elasticity, income elasticity and cross-price elasticity of demand and will also be able examine the uses and abuses of demand forecasting techniques				
CO2	Given the information about scale of production, the future manager will be able to analyze various aspects of empirical production functions and also will be able to comprehend the difference sources of economies and diseconomies of scale.				
CO3	Given the information pertaining to market structure, the future manager will be able to determine the optimal price and output for firms under different market structures.				
CO4	Given the circular flow model of an economy, the future manager will be able to interpret the role and importance of each component with regard to factor market and product market and will also be able to comment on the implications and control of inflation.				
CO5	Given the information regarding expenses and income in an economy, the future manager will be able to calculate and explicate the gross domestic product using expenditure and income approaches and given the details about a phase of the business cycle, the future manager will be able to depict the symptoms, causes and effects on economic activities of a nation.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	

Module 1	DEMAND ANALYSIS: Introduction; Demand Analysis: The Consumer, Demand Concepts, Own-Price Elasticity of Demand, Income Elasticity of Demand, Cross-Price Elasticity of Demand. Substitution and Income Effects. Normal and Inferior Goods. Indifference Curve Analysis. Demand Forecasting: Need, Techniques and Procedures	Managerial Economics: Analysis, Problems and Cases, P.L. Mehta, 13 th Edition, S. Chand & Co. Ltd. Chap 4, 5, 6 & 7
Module 2	SUPPLY AND PRODUCTION DECISIONS: The Law of Supply, Theory of Production: Factors affecting production, production function, short run analysis, law of variable proportions, Isoquant Curves, Long run production function, Cobb-Douglas production function, Cost-Output Function, Economies and Diseconomies of Scale	Managerial Economics: Analysis, Problems and Cases, P.L. Mehta, 13 th Edition, S. Chand & Co. Ltd. Chap 10 & 11
Module 3	MARKET STRUCTURES AND PRICING PRACTICES: Introduction; Analysis of Market Structures: Factors That Determine Market Structure. Perfect Competition: Demand-supply Analysis in Perfectly Competitive Markets, Optimal Price and Output in Perfectly Competitive Markets. Monopolistic Competition: Demand-Supply Analysis in Monopolistically Competitive Markets, Optimal Price and Output in Monopolistically Competitive Markets, Factors Affecting Long-Run Equilibrium in Monopolistically Competitive Markets. Oligopoly: Demand-Supply Analysis and Pricing Strategies in Oligopoly Markets, Optimal Price and Output in Oligopoly Markets, Factors Affecting Long-Run Equilibrium in Oligopoly Markets. Monopoly: Demand-Supply Analysis in Monopoly Markets; Optimal Price and Output in Monopoly Markets, Price Discrimination.	Managerial Economics: Principles and Worldwide Applications, Dominick Salvatore and Ravikesh Shrivastava, 7 th Edition, Oxford Publications, Chap 8 Managerial Economics, D. N Dwivedi, 7 th Edition, Vikas Publications, Chap 13
Module 4	MACRO ECONOMIC FUNDAMENTALS: Macro Economics – Meaning, Nature and Scope, Circular Flow Model of Economy. Inflation: Demand-Pull and Cost-Push Inflation, CPI vs. WPI, Causes, Effects and Remedies of Inflation, Theories of Inflation and Policy measures to control inflation	Managerial Economics, D. N Dwivedi, 8 th Edition, Vikas Publications, Chap 23,24, 25 & 26
Module 5	NATIONAL INCOME AND BUSINESS CYCLE: National Income – Concept and Measurement, Theory of National Income Determination – Multiplier and Accelerator Theories. Overview of the Business Cycle: Phases of the Business Cycle; Factors causing swings in business activity and measures to control business cycles.	Managerial Economics: Analysis, Problems and Cases, P.L. Mehta, 13 th Edition,S. Chand & Co. Ltd.Chapter 20, 21 & 26
Other	1. Ritika Sinha : “Managerial Economics”, SBPD Publishing House	

Reference books and sources	2. Damodaran Suma: “Managerial Economics”, Oxford University Press , 200 3. Paul A Samuelson and William D Nordhaus : “Economics”, McGraw Hill 4. Geethika, Ghosh & Choudary : “Managerial Economics”, McGraw Hill.
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Semester	I	Course Code	1T2	Type of Course	Core
Course Name	MANAGEMENT INFORMATION SYSTEM				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	The student will be able to describe different types of management information system from management activity point of view and will also be able to identify and work out KRAs, BOPs and BPPs for various organisations/systems.				
CO2	The student will be able to identify the master data, draw report format and interface matrix while making a model of DSS.				
CO3	The student will be able to suggest the conceptual model of PMS and will also be able to draw a system model of integrated system (PMS+SCM+Accounting and Billing)				
CO4	The student will be able to describe the key features of ERP, SCM and CRM and will also be able to draw functional flow and process flow diagrams for various transactions.				
CO5	The student will be able to enumerate the factors affecting system performance and will also be able to comment on the operational feasibility of IT system under consideration				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Concepts & Types of Information Systems. Components of MIS. Information Activities. Strategic Management of Business. Balance Score Card, Scorecard and Dashboard, measures			Management Information Systems (1 st Edition) Giridhar Joshi, Oxford University	

	of business operations and business performance. Steps for strategic design of MIS.	Press Chap 1 Management Information Systems (4 th Edition) Waman S Jawadekar, McGraw Hill Publication, Chap 10
Module 2	Applications of MIS in Manufacturing Sector: Model of Information Processing System. Application of Model to personnel management, financial management, production management, marketing management.	Management Information Systems (4 th Edition) Waman S Jawadekar, McGraw Hill Publication, Chap 12
Module 3	Introduction to Service Sector, creating distinctive service, service concept, service process cycle, service management system, MIS application in Service industry – banking & insurance	Management Information Systems (4 th Edition) Waman S Jawadekar, McGraw Hill Publication, Chap 13
Module 4	Enterprise Management System. ERP Systems, Models of business functions integration. ERP Model and Modules. Business organization model. ERP product characteristics. Benefits of ERP. ERP Product evaluation. ERP implementation. SCM & CRM. EMS Model.	Management Information Systems (4 th Edition) Waman S Jawadekar, McGraw Hill Publication, Chap 15
Module 5	Technology of Information Systems. Introduction, data processing, Transaction processing, Application processing, information system process, OLAP, TQM of Information system. Real time systems. Case tools and I-CASE.	Management Information Systems (4 th Edition) Waman S Jawadekar, McGraw Hill Publication, Chap 16
Other Reference books and sources	<ol style="list-style-type: none"> 1. Ashok Arora and Akshya Bhatia, “Management Information systems”, Excel Books. 2. A.K. Gupta, “ Management Information System “, S. Chand & Co 3. M. Jaiswal, “Management Information systems”, – Oxford publishing house 4. Oz, “Management Information Systems”, Thomson Learning Books, 3rd Edition 	

Semester	I	Course Code	1T3	Type of Course	Core
Course Name	BUSINESS RESEARCH				

Credits	3	Number of 1 hour lectures:	30
Detailed Course Objectives			
CO1	In context of research, the student will be able to define business research problems and will also able to formulate an abbreviated version of research proposal.		
CO2	The student will be able to describe and choose appropriate sampling design and will also be able to estimate appropriate sample size.		
CO3	The student will be able to develop measurement tools and construct appropriate scales therein.		
CO4	The student will be able to select suitable method of data collection and will be able to make questionnaire/e-questionnaire		
CO5	The student will be able to derive inferences by applying various techniques of interpretation and be and write various types of research reports.		
Detailed Contents:		Reference Book, Publisher, Edition, Page No.	
Module 1	Theory Building and Research Proposal - Meaning and nature of Theory, Nature of proposition, Scientific Method, Verifying Theory, Inductive and Deductive Reasoning, Nature of business problem, importance of problem definition, the process of problem definition, research questions and research objectives, research proposal, anticipating outcomes, Literature Review		Business Research Methods – William G. Zikmund, 7 th Edition, Cengage Learning, ISBN – 978-81-315-0029-3, Chapter 3 & 6
Module 2	Sampling Design - Census and Sample Survey, Implication of Sample Design, Steps in Sample Design, Sampling Procedure, Different Types of Sampling Designs, How to select a random sample, Random sample from infinite universe, Sample size calculation.		Research Methodologies, Methods and Techniques –2nd Edition C R Kothari, New Age International (P) Ltd Publisher, ISBN – 978-81-224-2488-1 Chapter 4
Module 3	Measurement and Scaling Techniques - Measurement in research, Measurement Scales, Source of errors in measurement, Test for sound measurement, Techniques for developing measurement tools, Scaling - Meaning, Scale classification bases, Important Scaling Techniques, Scale construction techniques		Research Methodologies, Methods and Techniques –2nd Edition C R Kothari, New Age International (P) Ltd Publisher, ISBN – 978-81-224-2488-1 Chapter 5
Module 4	Methods of Data Collection - Collection of Primary Data (Observation, Interview, Questionnaire, Schedules), Other methods of data collection, Collection of Secondary Data (Reliability,		Research Methodologies, Methods and Techniques –2nd Edition C R Kothari,

	Suitability and Adequacy), Selection of appropriate method for data collection, Constructing Questionnaire/e-questionnaire/Schedule	New Age International (P) Ltd Publisher, ISBN – 978-81-224-2488-1 Chapter 6
Module 5	Interpretation and Report Writing - Meaning and TEchniques of Interpretation, Significance and Steps of Report Writing, Layout of research reports, types of reports, Mechanics and Precautions for writing a research report.	Research Methodologies, Methods and Techniques –2nd Edition C R Kothari, New Age International (P) Ltd Publisher, ISBN – 978-81-224-2488-1 Chapter 14
	<ol style="list-style-type: none"> 1. Panneerselvam, “Research Methodology”, Prentice Hall India 2. Donald Cooper and Pamela Schindler, “Business Research Methods “, Tata McGraw Hill 3. Krishnaswami & Rangantham, “Methodology of Research “, Himalaya Publishing House 4. Alan Bryman and Emma Bell, “Business Research Methods “, Oxford Publication 	

Semester	I	Course Code	1T4	Type of Course	Core
Course Name	ORGANIZATIONAL BEHAVIOUR				
Credits	3	Number of 1 hour lectures:		30	
Detailed Course Objectives					
CO1	Students will be able to explain the concept of Organisation Design and determine the factors that affect Organisation Design.				
CO2	Students will be able to identify the components of Individual Behaviour and apply the concept of Learning, Perception, Attitudes and values.				
CO3	The student will be able to distinguish between the various theories of motivation and their application in organizations and also be able to apply these theories to practical problems in organizations. They will also be able to distinguish between a number of different leadership theories & styles and contribute to the effective performance of a team as the team leader or a group member.				
CO4	The future managers/ students will be able to analyse the behaviour of individuals and groups in organisations in terms of the key factors that influence organisational behaviour and demonstrate skills required for working in groups (team building).				

CO5	The students will be able to justify how organizational change and conflict affect working relationships within organizations and demonstrate how to apply relevant theories to solve problems of change and conflict within organizations	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Organisation Design: Understanding organizations-Basics of an organizational design-Organization and stakeholders-Organizations and environmental influences-Organizational strategy-Organizational design - Alternative structures- Management process - Authority and Responsibility Relationship; organizational control mechanisms; Organizational decision making	Organisational Behavior - Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, 13 th Edition, , ISBN 978-81-317-2121-6, Chapter 16 Principles of Management, T. Ramaswamy, 1 st Edition, Himalaya Publishing House pvt Ltd. Chapter No. 7,8,11
Module 2	Organisational Behaviour: Introduction, Foundations of individual behavior-Ability, Attitudes ,Job Satisfaction, Personality, Values , Perception	Organisational Behavior - Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, 13 th Edition, ISBN 978-81-317-2121-6, Chapter 2,3,4&5
Module 3	Motivation- Concept, types of motivation and Theories-Maslow, Herzberg,Mc Gregor. Leadership- Concept, Leadership styles and Theories- Trait Theory, Path Goal Theory, Blake Mouton-Managerial Grid	Organisational Behavior - Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, 13 th Edition, ISBN 978-81-317-2121-6, Chapter 6,7,12&13
Module 4	Group and Team Behavior-Foundations of Group behavior -Group development; Group properties: Roles, norms, status, size and cohesiveness, Group decision making, Techniques, Teams- Type and Team Dynamics	Organisational Behavior - Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, 13 th Edition, ISBN 978-81-317-2121-6, Chapter 9&10
Module 5	Conflict and Change -Understanding organizations- Managing organizational culture, Managing	Organisational Behavior - Stephen

	organizational conflict, power & politics ;Organizational life cycle and Organisational change	Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, 13 th Edition, ISBN 978-81-317-2121-6, Chapter 15&19
Other Reference books and sources	<ol style="list-style-type: none"> 1. Organisational Behavior Text Cases and Games, K. Aswathappa, Himalaya Publishing House Pvt Ltd, 10th Edition, ISBN- 978-93-5051-588-4 2. Dr. Niraj Kumar, "Organizational Behavior -A new Look Concept, Theory and Cases", Himalaya Publication, First Edition 2009. 3. Margie Parikh , Rajen Gupta, "Organisational Behaviour", McGraw Hill Education (India) Private Limited,1st Edition. 4. PG Aquinas, "Organizational Behaviour: concepts, realities, application and challenges", First edition, Excel Books. 	

Semester	I	Course Code	1T5	Type of Course	Core
Course Name	FINANCIAL REPORTING, STATEMENTS AND ANALYSIS				
Credits	3	Number of 1 hour lectures:		30	
Detailed Course Objectives					
CO1	Given an accounting situation Students will be able to evaluate selected accounting standards and perform their application in actual practice				
CO2	Given the Trial Balance and accompanying financial adjustments the future manager shall be able to prepare the financial statements and calculate the profit or loss of a firm as at the end of the financial year.				
CO3	Given the financial statements a student will be able to Prepare Cash Flow statement to evaluate whether a firm is doing well financially and has sufficient cash to meet its obligations and support its growth or not.				
CO4	Given the financial statements a student will be able to perform Ratio analysis and comment on the performance of the firm. Whether a firm is doing well or not. (As compared to its peers or year on year basis.)				
CO5	Given the financial statements a student will be able to formulate common size statement, trend analysis as well as inter-firm and intra firm comparison (As compared to its peers or year on year basis.)				
Detailed Contents:				Reference Book, Publisher, Edition, Page	

		No.
Module 1	Accounting Standards: Introduction to Indian Accounting Standards.AS 2 (Valuation of Inventories), AS 3 (Cash Flow Statement), AS 6 (Depreciation Accounting), AS 10 (Accounting for Fixed Assets). Practical Questions on these accounting standards.	“Financial Accounting for Management” – N. Ramchandran, Ram Kumar Kakani – Tata Mac-Graw- Hill Publishing Co. Ltd. Second Edition. (491 – 564)
Module 2	Financial Statement Reporting – I: Preparation of Financial Statement – Profit & Loss, Balance sheet (as per Companies Act 2013)	https://resource.cdn.icai.org/53245bos42067final-p1-ann.pdf
Module 3	Financial Statement Reporting – II: Cash Flow Analysis – introduction, Meaning, features, objectives, importance, concept of cash and cash equivalents, cash flow from operating activities, investment activities & financing activities. Preparation of Cash Flow Statement (as per Companies Act 2013)	“Financial Accounting & Analysis” – Narender Ahuja & Varun Dawar, Taxmann Publication (2015), 1 st Edition, (216 – 235)
Module 4	Analysis of financial Statement – I: Introduction, Assessment of Business Performance through Ratio Analysis: Concept of Ratio, significance of ratio analysis, Interpretation of financial performance using ratio. Profitability Ratio, Liquidity Ratio, Solvency Ratio, Activity Ratio & efficiency Ratio,	“Financial Accounting & Analysis” – Narender Ahuja & Varun Dawar, Taxmann Publication (2015), 1 st Edition, (216 – 235)
Module 5	Analysis of financial Statement – II: Techniques of Financial statement Analysis (Common size statement, Trend Analysis, Inter Firm Comparison, Intra Firm Comparison) Du-Pont Analysis	“Financial Accounting & Analysis” – Narender Ahuja & Varun Dawar, Taxmann Publication (2015), 1 st Edition, (216 – 235)
Other Reference books and sources	<ol style="list-style-type: none"> 1. Dr.S.N. Maheshwari and Dr.S.K. Maheshwari, “Financial Accounting”, Vikas, 10th Edition. 2. Ambrish Gupta: “Financial Accounting Management an Analytical Perspective”, Pearson Education-2009. 3. Sehgal, “Accounts for Management”, , Taxmann Publication Pvt. Ltd. 4. Rustagi, “Management Accounting”, , Taxmann Publication Pvt. Ltd 	

Semester	I	Course Code	1T6	Type of Course	Core
Course Name	BUSINESS STATISTICS & ANALYTICS FOR DECISION MAKING				
Credits	3	Number of 1 hour lectures:		30	

Detailed Course Objectives		
CO1	For a given dataset, the student should be able estimate the dispersion / variance & symmetry of the data using various measures and draw inferences to facilitate decision making.	
CO2	For a given dataset, the student should be able assess the level of association between given variables in the data using various types of correlation analysis techniques. The students should also be able to predict the values of a variable using regression analysis techniques.	
CO3	For given situations a student should be able determine the various probabilities arising out of the situation and make use of probability theory and appropriate probability distributions for the purpose of decision making.	
CO4	For a given research problem, student should be able to construct appropriate hypotheses and draw conclusions by using a suitable hypothesis testing procedure so as to address the research problem in question.	
CO5	The student will be able to differentiate between various forms of analytics and will also be able to choose suitable analytics for decision making.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Measures of Dispersion (Variation) & Symmetry: Significance of measuring Dispersion, Requisites and classification of measures of Dispersion, Distance measures - Range, Inter-quartile range. Average Deviation measures - Mean Absolute Deviation, Variance and Standard deviation, Chebyshev's Theorem, Coefficient of variation & its significance. Concept of Skewness & Kurtosis	Business Statistics, J. K. Sharma, Pearson, Second Edition, Pages 133-170, 171-179, 186-189
Module 2	Measures of Association: Correlation, Types & Methods of Correlation analysis - Karl Pearson's coefficient of correlation, Spearman's Rank correlation, Probable error, Coefficient of Determination, Standard error of coefficient of correlation. Introduction to regression analysis and its advantages, Types of regression models, methods to determine regression coefficients (normal equations).	Business Statistics, J. K. Sharma, Pearson, Second Edition, Pages 447-470, 481-488
Module 3	Probability: Basic terminology, types of probability, probability rules, conditional probabilities, Baye's Theorem. Random Variables, Probability distributions; Binomial distribution, Poisson distribution, Normal distribution. Choosing correct probability distribution.	Statistics For Management, Levin & Rubin, PHI, Seventh Edition, Pages 159-273
Module 4	Hypothesis Testing: Introduction, Hypothesis testing procedure, errors in hypothesis testing. Power of a statistical test. t-test, ANOVA and Chi-Square test, (Students should be able to perform testing on spreadsheets)	Business Statistics, J. K. Sharma, Pearson, Second Edition, Pages 327-360

Module 5	Business Analytics - Introduction to analytics, Differentiating descriptive, predictive, and prescriptive analytics, data mining vs data analytics, Industrial problem solving process, Decision needs and analytics, stakeholders and analytics, SWOT analysis, Business analytics in decision making, Categorization of Analytical Methods and Models. Introduction & applications of SPSS, R, Python, etc.	Essentials of Business Analytics, Jeffery Camm, Cengage, Pages 4-12, 21-34, 75-106
Other Reference books and sources	<ol style="list-style-type: none"> 1. "Quantitative Methods for Business", Anderson (Thomson Learning Books) 2. "Statistical Methods", S.P. Gupta (S. Chand) 3. Levin Richard & Rubin David – "Statistics for Management" (Prentice Hall Of India). 4. SPSS Statistics for Data Analysis and Visualization 1st Edition, Keith McCormick, Jesus Salcedo, Jason Verlen, Jon Peck, Andrew Wheeler , Wiley Publishing, ISBN 978-1119003557 	

Semester	I	Course Code	1T7	Type of Course	Core
Course Name	LEGAL & BUSINESS ENVIRONMENT				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	Given the circumstances, the learner will be able to infer legal aspects of doing business & plan business activities. In a given situation, the learner will be able make use of provisions of the Contract Act to evaluate a contract used in commercial practice.				
CO2	In a given situation, learner will be able to distinguish between various types of Companies and explain their comparative advantages and disadvantages. The learner will be able to explain the legal process involved in formation of a company and understand the relationships amongst the various stakeholders of the company.				
CO3	In context of Intellectual Property Rights (IPR) the learner will understand various components of IPR and differentiate between them. The learner can also identify the uses of IPR in business				
CO4	Under the given scenario, the learner will be able to describe various provisions of IT Act and will be able to use various provisions of Consumer Protection Act.				
CO5	A learner will be able to analyze the elements of Social, political, economic environment around a firm.				
Detailed Contents:				Reference Book, Publisher, Edition, Page	

		No.
Module 1	Legal aspects of business and contracts: Concept of law. Types of Law. Definition, Nature and types of contracts. Essentials of valid contract. Consideration and essentials of consideration. Free Consent. Legality and Validity of Contracts. Discharge of contracts. Arbitration: Meaning, Essential and Effects. Conciliation: Meaning, Procedure and Effect.	Legal Aspects of Business Concepts and Application, Parul Gupta, Vikas Publishing House , ISBN – 978-9352718368, Chapter 1,2,4,6,15
Module 2	Companies Act 2013: Characteristics and types of companies. Formation of companies; documents and registration process. Directors: Appointment, Powers, Duties and Liabilities. Company Meetings. Oppressions and Mismanagement	Elements of Company Law, N.D. Kapoor, Sultan Chand & Sons, 30 th Edition, ISBN – 978-9351610465, Chapter 1,2,3,10,14,15,19
Module 3	IPR: Types of IPR, overview and definitions. Patents and Patentability, working of patent and compulsory license, infringement. Meaning of copyright, ownership and assignment, licenses, Infringement. Meaning of Trademark, grounds of registration, infringement and passing off, assignment of trademark, collective trademark, certification marks. Definition of design, difference between copyright and design, Piracy of registered design. Trade secrets, meaning and essentials. Advantages and disadvantages of trade secrets	Business Legislation for Management, M C Kuchhal & V Kuchhal, Vikas Publishing House, 5 th Edition, ISBN- 978-9352718375, Chapter 10
Module 4	IT Act 2000: Objectives & Scope, Important definitions, E-Governance and offences & Penalties. Consumer Protection Act: Definitions: Consumer, Defect and Deficiency. Unfair and Restrictive trade practices. Role and Functions of Consumer Protection Councils. Rights of Consumer. Consumer Forum; Structure and jurisdiction. Power of consumer forum. Remedies under act.	Legal Aspects of Business Concepts and Application, Parul Gupta, Vikas Publishing House, ISBN – 978-9352718368, Chapter 28 & 30
Module 5	Socio-Political-Economic Environment: Economic systems. Financial systems. Economic policies and macro-economic scenario. Constitutes of political environment. Constitutional provisions: Freedom of Trade and Reasonable restrictions. Economic roles of government. Demographic structure of India. Socio-Cultural environment of India	Economic Environment of Business, V.K. Puri; S.K. Misra, Himalaya Publishing House. 9 th Edition, ISBN – 978-9352028870, Chapter 2,7, 8
Other Reference books and sources	<ol style="list-style-type: none"> 1. Bhandari, Munish, “Professional Approach to Corporate Laws and Practice”, Bharat Law House, New Delhi. 2. Shukla – “Mercantile Law” 30th Ed. – S. Chand & Co. 3. N. D. Kapoor “Business Law” – S. Chand & Co. 4. Essentials Of Business Environment, K.Aswathappa, Himalaya Publishing House, 978-9350244746 	

Semester	I	Course Code	1T8	Type of Course	Core
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Course Name	MANAGERIAL SKILLS FOR EFFECTIVENESS		
Credits	3	Number of 1 hour lectures:	30
Detailed Course Objectives			
CO1	The student will be able to make proper use of group of words, synonyms and antonyms, phrases, idioms, proverbs for effective verbal communication		
CO2	The student will be able to write essays and CV using Word Processor		
CO3	The student will be able to draft business letters for given situations using Word Processor		
CO4	The student will be able to apply basic functions of PowerPoint and will also be able to create effective PowerPoint Presentations using templates		
CO5	The student will be able to use various spreadsheet functions and will also be create useful spreadsheets		
Detailed Contents:		Reference Book, Publisher, Edition, Page No.	
Module 1	Basics of Verbal Communication - Pairs and Group of words, Synonyms and Antonyms, sentence construction and punctuation, phrases/ idioms , proverbs		Foundation programme English & Business Communication. The Institute of company secretaries of India. (Study I)
Module 2	Essay Writing - Methods of expression, style and tone, synopsis and structure Letter Writing - Business correspondence personnel (job obligations, CV and Resume)		Foundation programme English & Business Communication. The Institute of company secretaries of India. (Study II & V)
Module 3	Writing Business Letters and Quotations - Letter of Enquiry, Sales Promotion, Complaint, Placing Order, Quotations		Foundation programme English & Business Communication. The Institute of company secretaries of India. (Study VI to IX) Computer Applications in Business, S.

		Sudalaimuthu and S. Anthony Raj, Himalaya Publication House, Chapter 10 (10.4)
Module 4	PowerPoint - Auto Content Wizard, Design Templates, Views, Working with slides, Page Setup, Animations, Colour Schemes, Background, Master Slide.	Computer Applications in Business, S. Sudalaimuthu and S. Anthony Raj, Himalaya Publication House, Chapter 10 (10.5)
Module 5	Spreadsheets - Spreadsheet basics, Standard Toolbar, Basic Functions, Sorting and Filtering, Charts, Statistical Functions, Data Management in Spreadsheet: Data Entry, Tables, Conditional Formatting, Data Sorting and Filtering, Data Validation. Formulas and Functions: Mathematical & Statistical Functions. Logical Functions in Spreadsheet: 'And', 'Or', 'If'. 'Lookup' functions and formula in spreadsheet. Data Visualization: Introduction to data visualization. Techniques of data visualization. Charts, Dynamic Tables, Pivot Tables, Dashboards.	Computer Applications in Business, S. Sudalaimuthu and S. Anthony Raj, Himalaya Publication House, Chapter 10 (10.6)
Other Reference books and sources	1. Business Communication for Managers, Payal Mehra, Pearson Education India; Second edition, ISBN-13: 978-9332576643 2. Business Communication, Asha Kaul, Prentice Hall India Learning Private Limited; 2 edition, ISBN-13: 978-8120338487 3. Mastering MS Office: Computer Skill Development - Be Future Ready, Bittu Kumar, V&S Publishers, ISBN-13: 978-9350578780 4. Microsoft Excel Power Pivot & Power Query For Dummies, Michael Alexander, Wiley, ISBN-13: 978-8126562305.	
List of Practical's/ Activities/ Assignments		
This is a practical oriented course with internal assessment. The assessment shall be based on work book / practical record book containing 25 practicals/ activities/ assignment carrying FOUR marks each.		
1. Give at least 10 examples of pairs and group of words and frame sentences indicating their usage. 2. What is meant by synonyms and antonyms. Explain with 5 examples each. 3. Give both synonyms and antonyms of the following words. (a) Absurd, (b) Diligent, (c) Fatal, (d) Joy, (e) Visible, (f) Yearn, (g) Zeal. 4. Use the following phrases/ idioms in sentences – (a) Cast a slur upon, (b)To come off with flying colours, (c) To get the better of, (d) To have one's hand full, (d) To have two strings to one bow, (e) To have an axe to grind, (f) To blow one's own trumpet, (g) To build castles in the air, (h) To kill two birds with one stone, (i) To pay one back in one's own coin.		

5. Write any ten proverbs with their meaning

Note: -Use MS Word for question number 6 to 15. Try to make use of all available features and functionalities in MS Word.

6. Write essay on Black money and Indian Economy

7. Write an essay on Woman Entrepreneurs

8. Write an essay on Stock Exchanges and their role

9. Prepare your own CV using suitable template of MS Word

10. Write a covering letter to forward above CV for a fresher position in a MNC.

11. Write a letter of enquiry to LIC regarding late payment of premium.

12. A retailer has requested you to supply 6 fans at 20% disc for a valued customer. Draft a reply stating that the rate of discount cannot exceed 15%. Make an attempt to get the order.

13. A TV set which you ordered for your office conference room from Messrs. G K & Sons, Nagpur, was delivered in a damaged condition. Write to the supplier.

14. Place an order for 300 boxes of coloured crayons subject to the manufacturer's agreeing to pack them in specially designed boxes for Diwali presentation with no additional charges.

15. Invite Interior decoration firms to submit a quotation for carrying out renovation work of your computer centre. They are to submit designs for interior decoration and quote their terms separately for painting in Plastic Emulsion and for oil Distemper

16. Prepare a template using your institute logo in PowerPoint. Using the same template list out the members of SAARC/ EEC/ LAFTA/ EFTA

17. Using PowerPoint draft out the steps/ procedures for calculation of mean mode and median.

18. Design an effective advertisement copy for a product of your choice using PowerPoint performance of the salesmen's.

19. Design a PowerPoint presentation on Principles of Accounting (Concepts and Conventions), Golden Rules of Accounting.

20. Design a PowerPoint presentation explaining any 5 transactions of journal entries and ledger posting.

21. Develop the students Mark List for 20 students in a worksheet and calculate total, average, percentage, and save it. Specify the result also. (Field Names: Sr. No., Name of Student, Course, Gender, Category, Enrolment Number, Mark1, Mark2, Mark3, Total, Average, percentage and Result)

22. Using Statistical function in spreadsheet, present a correlation analysis (Rank Correlation and Pearson Coefficient) and regression analysis for the following information-

Marks in Statistics	48	62	36	65	98	39	25	75	82	92
Marks in Economics	84	58	51	35	91	49	60	68	62	86

23. Using data available at <https://dbie.rbi.org.in/DBIE/dbie.rbi?site=home>/GDP draw a pie chart of Gross Value Added. Explain the contribution of various sectors with help of a bar chart.

24. Using Spreadsheet calculate Mean, Median, Mode, Standard Deviation, Max, Min, Square Root, Square of the historical data for one month available at https://www.nseindia.com/products/content/equities/indices/historical_index_data.htm

25. Using Filters and Sort functions of spreadsheet rearrange the data (refer question no. 21) in following formats- Name of Students in Alphabetical Order, Descending order of % Marks, Ascending order of % Marks and also create a pivot table to represent the data

SEMESTER – II

Semester	II	Course Code	2T1	Type of Course	Core
Course Name	FINANCIAL MANAGEMENT				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	Given financial cost parameters, the future manager will be able to calculate specific cost of capital (i.e. Cost of debt, preference, equity and retained earnings) and the weighted average cost of capital for any specific given firm.				
CO2	Given different financing options, the future manager will be able to analyze the effect of operating and financial leverage on EPS and recommend a suitable long term financing mix for an organization by applying EBIT-EPS analysis, Indifference Level of EBIT and Financial Break-even Analysis for				

	given financing options.	
CO3	Given the cash-flows pertaining to a project, the future manager will be able to estimate projects' cash flows to distinguish between value creating and value destroying investments using time-value intensive DCF techniques (viz. NPV, IRR, discounted payback period, profitability index) and Non-DCF techniques (i.e. Payback Period and Average rate of return approach)	
CO4	Given the details pertaining to elements of working capital for a given level of activity, the future manager will be able to ascertain the components of current assets and current liabilities and determine the gross and net operating working capital requirement.	
CO5	Given the expected dividends, future price of shares, investor expectations and funding requirements; the future manager will be able to compute the value of a share using various dividend discount models and illustrate whether dividend is relevant for firm valuation or not.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Cost of Capital: Concept and Importance; Measurement of Specific Costs – Redeemable and Irredeemable Debt, Redeemable and Irredeemable Preference shares, Equity and Retained Earnings; Computation of Overall Cost of Capital using book value and market value weights.	Financial Management, Theory Concepts and Problems, 5 th Revised Edition, R.P. Rustagi, Taxmann Pulication, ISBN- 9878171949311 Chapter – 10 Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition, Chap No. 11
Module 2	Leverage: Operating, Financial and Combined Leverage; EBIT-EPS Analysis; Indifference Level of EBIT and Financial Break-even Analysis.	Financial Management, Theory Concepts and Problems, 5 th Revised Edition, R.P. Rustagi, Taxmann Pulication, ISBN- 9878171949311 Chapter – 11&12 Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition, Chap No. 18
Module 3	Capital Budgeting: Concept of Capital budgeting, Discounted and Non-discounted Cash	Financial Management, Theory Concepts and

	Flow Techniques – NPV, IRR, PI, Discounted PBP, ARR & PBP.	Problems, 5 th Revised Edition, R.P. Rustagi, Taxmann Pulication, ISBN- 9878171949311 Chapter – 7 Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition, Chap No. 9 & 10
Module 4	Working Capital Management: Concept of Gross and Net Working Capital, Working Capital Approaches, Estimation and Calculations of Working Capital requirements	Financial Management, Theory Concepts and Problems, 5 th Revised Edition, R.P. Rustagi, Taxmann Pulication, ISBN- 9878171949311 Chapter – 17&18 Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition, Chap No. 13
Module 5	Dividend Policy: Walter’s Model; Gordon’s Model and MM Hypothesis for Dividend Policy and Firm Valuation, Determinants and constraints of dividend decision	Financial Management, Theory Concepts and Problems, 5 th Revised Edition, R.P. Rustagi, Taxmann Pulication, ISBN- 9878171949311 Chapter – 15&16 Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition, Chap No. 30
Other Reference books and sources	1. Financial Management, I M Pandey, 10 th Edition, Vikas Publishing House Pvt Ltd, ISBN: 9788125937142 2. Financial Management, Comprehensive Text book with Case studies, M. Ravi Kishore, 7 th Edition, Taxmann Publications, ISBN: 9788171945207 3. Financial Management: Theory and Practice, Prasanna Chandra, 9 th Edition, ISBN-13: 978-9339222574 4. Financial Management: Problems & Solutions, AN Sridhar and Padmavati Sridhar, 5 th Edition, Packt Publsihers, ISBN: 9789350238929	

Semester	II	Course Code	2T2	Type of Course	Core
Course Name	MARKETING MANAGEMENT				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	For a given marketing objective of a company the student manager will be able to develop a suitable marketing mix.				
CO2	For a given product the student managers will be able to apply the three steps of target marketing: market segmentation, target marketing, and market positioning.				
CO3	For various stages in the life cycle of the product the student managers will be able to recommend a suitable pricing strategy.				
CO4	For a given company the student managers will be able to evaluate different distribution channel options and their suitability for the company's product.				
CO5	For a given promotional objective of a company the student manager should be able to develop a suitable promotion mix (advertising, sales promotion, public relations, personal selling, and direct marketing etc.) for the product.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Introduction: Concept, nature, scope and importance of marketing; Marketing concept and its evolution; Marketing mix; Marketing environment – macro and micro components and their impact on marketing decisions; Market segmentation and positioning			Principles of Marketing, 13 th Edition, Philip Kotler, Gary Armstrong, Prafulla Agnihotri and Ehsan-Ul-Haq, Pearson, ISBN – 978-81-317-3101-7, Chapter 1,2,3	
Module 2	Product Decisions: Concept of a product; Classification of products; levels of product, Major product decisions; Product line strategies and product mix strategies; Product life cycle – strategic implications; New product development and consumer adoption process. Packaging and labelling.			Principles of Marketing, 13 th Edition, Philip Kotler, Gary Armstrong, Prafulla Agnihotri and Ehsan-Ul-Haq, Pearson, ISBN – 978-81-317-3101-7, Chapter 8,9	
Module 3	Pricing Decisions: Pricing objectives, Factors affecting price determination; Pricing policies methods and strategies, Initiating and responding to price change			Principles of Marketing, 13 th Edition, Philip Kotler, Gary Armstrong, Prafulla Agnihotri and Ehsan-Ul-Haq, Pearson, ISBN – 978-81-317-3101-7, Chapter 10,11	

Module 4	Distribution Channels and Physical Distribution Decisions: Nature, functions, and types of distribution channels; Distribution channel intermediaries; Channel management decisions; Retailing and wholesaling.	Principles of Marketing, 13 th Edition, Philip Kotler, Gary Armstrong, Prafulla Agnihotri and Ehsan-Ul-Haq, Pearson, ISBN – 978-81-317-3101-7, Chapter 12,13
Module 5	Promotion Decisions: Communication Process; Promotion mix – advertising, personal selling, sales promotion, publicity and public relations; Determining advertising budget; Copy designing and testing; Media selection; Advertising effectiveness; Sales promotion –tools and techniques.	Principles of Marketing, 13 th Edition, Philip Kotler, Gary Armstrong, Prafulla Agnihotri and Ehsan-Ul-Haq, Pearson, ISBN – 978-81-317-3101-7, Chapter 15,16
Other Reference books and sources	1. Marketing Management, Rajan Saxena, 5 th Edition, McGraw Hill Education, ISBN-13: 978-9339223304 2. Introduction to Marketing, Adrian Palmer, 3 rd Edition, Oxford Publishing, ISBN: 9780199602131 3. Marketing Management, Philip Kotler and Keven Lane Keller, 15 th Edition, Pearson Education, ISBN-13: 978-9332587403 4. Marketing Management – Indian Context with Global Perspective, V S Ramaswamy & S Namakumari, 5 th Edition, Mc Graw Hill India, ISBN-13: 978-1259026416	

Semester	II	Course Code	2T3	Type of Course	Core
Course Name	HUMAN RESOURCE MANAGEMENT				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	Students should be able to explain the importance of Human Resource Management for an organisation and also distinguish between Personnel and HR Management.				
CO2	For a given job profile, students should be able to develop a job analysis and produce a job description and job specification.				
CO3	Students should be able to design a Human Resource Plan for an organisation and construct its Selection Process				

CO4	Students should be able to justify the applicability of various techniques of Training	
CO5	Students should be able to outline the performance appraisal process and identify and explain the utility of various modern and traditional methods of Performance Appraisal.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Introduction, Nature, scope, objectives, importance and functions of HRM , Human resource as an asset in organization; Difference between Personnel Management and Human Resource Management, Roles and Qualities of HR Manager ; human resource management in dynamic environment ; Introduction to Strategic HRM. Organizational and HR Strategies.	Human Resource Management – Text and Cases- Dr.S S Khanka, S.Chand Publication, Ch.1,3 Human Resource and Personnel Management – Text and cases, K. Aswathappa, Publication - McGraw- Hill Publishing co. ltd. Ch-1,3 Essentials of Human Resource Management & Industrial Relations – P.Subba Rao, 3 rd revised edition – Himalaya Publication- Ch-1,2
Module 2	Job Analysis – Meaning, Uses, Process and methods of collecting data for job analysis, Job Description, Job Specifications & Role Analysis, Concept of Job Design, Factors affecting Job Design, Techniques of Job Design, Cases and Exercises in understanding Job Analysis.	Human Resource and Personnel Management – Text and cases, K. Aswathappa, Publication - McGraw- Hill Publishing co. ltd. Ch-5 Essentials of Human Resource Management & Industrial Relations – P.Subba Rao, 3 rd revised edition – Himalaya Publication- Ch-3 Human Resource Management – Text and Cases- Dr.S S Khanka, S.Chand Publication, Ch.5
Module 3	Human Resources Planning; Need, importance & Objectives of Human Resources Planning; Factors affecting HRP; Recruitment and Selection—Meaning, Sources and Process; Induction and Placement	Human Resource Management – Text and Cases- Dr.S S Khanka, S.Chand Publication, Ch.4,6,7,8 Essentials of Human Resource Management & Industrial Relations – P.Subba Rao, 3 rd revised edition – Himalaya Publication- Ch-4,5,6 Human Resource and Personnel Management – Text and cases, K. Aswathappa, Publication - McGraw- Hill Publishing co. ltd. Ch-4,6,7,8

Module 4	Introduction of Training; Objectives and Importance of Training; Training Process, Training Needs Identification. Types and Techniques of Training and Development; Evaluation of Training, Management/Executive Development Programs-Need and Importance & Objectives	Essentials of Human Resource Management & Industrial Relations – P.Subba Rao, 3 rd revised edition – Himalaya Publication- Ch-9,10 Human Resource Management – Text and Cases-Dr.S S Khanka, S.Chand Publication, Ch.10,11 Human Resource and Personnel Management – Text and cases, K. Aswathappa, Publication - McGraw- Hill Publishing co. ltd. Ch-9
Module 5	Performance Appraisal- concept, objectives, Importance, Methods; Potential Appraisals Compensation Management- Concept and components; Job Evaluation; Components of salary, incentives, bonus, ESOPs, Fringe Benefits Ancillary Topics- Career Planning & Development, Employee Separations, Downsizing & Outplacement, HRIS, Industrial Relations.	Essentials of Human Resource Management & Industrial Relations – P.Subba Rao, 3 rd revised edition – Himalaya Publication- Ch-8,11,14, 15,16,19 Human Resource and Personnel Management – Text and cases, K. Aswathappa, Publication - McGraw- Hill Publishing co. ltd. Ch-10,11,12,13,21,22
Other Reference books and sources	<ol style="list-style-type: none"> 1. P. Jyothi and D.N Venkatesh (2013), “Human Resource Management”. Oxford Publication. 2nd Edition 2. V.S.P.Rao and C.B. Mamoria (2012), “Personal Management (Text and Cases)”, Himalaya Publications, Thirtieth Edition 3. Dr. Sunaina Sardana, “Human Resource Management”, Taxmann Publication Pvt. Ltd. 4. Human Resource Management, 11ed, David A. Decenzo, Stephen P. Robbins, Susan L. Verhulst, Wiley, ISBN: 978-8126553785 	

Semester	II	Course Code	2T4	Type of Course	Core
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Course Name	OPERATIONS MANAGEMENT		
Credits	3	Number of 1 hour lectures:	30
Detailed Course Objectives			
CO1	At the end of the course the students can apply the concept of operations management in manufacturing and service sector and will be able to plan and implement production and service related decisions.		
CO2	At the end of the course the student will be able to plan production schedules and plan resources (material and machine) required for production		
CO3	At the end of the course the students can design maintenance schedules in manufacturing units, identify and propose material handling equipments and implement industrial safety rules		
CO4	At the end of the course the students will be able to apply the concepts of purchase, stores and inventory management and analyze and evaluate material requirement decisions		
CO5	At the end of the course the students can measure performance related to productivity and will be able to conduct basic industrial engineering study on men and machines.		
Detailed Contents:		Reference Book, Publisher, Edition, Page No.	
Module 1	Introduction: Concept of Operations Management, Difference between Manufacturing & Services, Capacity and equipment selection decisions. Types of Production, Plant Location Factors, Types of Manufacturing & Service Layouts		Operations Management, By B Mahadevan, Pearson Publication Chapter 1-Page 4, Chapter 4-Page 116,
Module 2	PPC - Concept of Production Planning and Control, Planning Premise, Make to Stock, Make to Order and Assemble to Order, Process Planning, MPS (Master Production Schedule), MRP (Material Requirement Planning), MRP II, Material Handling		Operations Management, By B Mahadevan, Pearson Publication, Chapter 3 -Page 59, Chapter 15
Module 3	Maintenances Management – Types of Maintenance, Maintenance Costs, OEE (Overall Equipment Efficiency), Material handling – principles, types of MHE (Material Handling		Production and Operations Management, By S. Anil Kumar, N.Suresh, New Age

	Equipment), Industrial Safety, Ergonomics	International Publishers, Chapter 8-Page 205 Production and Materials Management, By K. Shridhara Bhat, Himalalaya Publishing house, Chapter 14,15 and Chapter 25
Module 4	Materials Management- Purchase management, Stores management, Vendor Selection, (Practical Problems of Vendor Selection), Inventory Management, Inventory Costs, Inventory management tools, Concept of EOQ (Practical Problems of EOQ).	Production and Operations Management By K. Aswathappa and K Shridhar Bhatt, Himalaya Publishing House, Chapter 21,22 and 23
Module 5	Industrial Engineering -Concepts of productivity, tools of increasing productivity,Labor and machine productivity. Introduction to work-study, work measurement, method study, motion study and time study	Industrial Engineering and Production Management, By Martand Telsang, S.Chand Publications, Chapter 2,3,4 and 5 Production and Operations Management, By S.Anil Kumar, N.Suresh, Second Edition, New Age International Publishers, Chapter 7
Other Reference books and sources	1. Procurement and Principles Management, Peter Baily, Barry Crocker, David Farmer, David Jessop, 11 th Edition, Pearson Education, ISBN: 978-9352868322 2. Purchasing and Materials Management, P. Gopalakrishnan, 1 st Edition, McGraw Hill Education, ISBN-13: 978-0074516508 3. Materials Management: An Integrated Approach, P. Gopalkrishnan, M. Sundaresan, Prentice Hall India Learning Private Limited, ISBN-13: 978-8120300279 4. Industrial Engineering and Production Management, Martand Telsang, 2nd Rev Edn 2006 edition, S Chand Publications, ISBN-13: 978-8121917735	

Semester	II	Course Code	2T5	Type of Course	Core
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Course Name	INTERNATIONAL BUSINESS		
Credits	3	Number of 1 hour lectures:	30
Detailed Course Objectives			
CO1	Students should be able to understand various concepts and terminologies involved in International Business and importance of international trade		
CO2	Students should be able to evaluate various modes of entry in to International business and should be able to select the best mode of entry given a situation.		
CO3	Students should be able to relate and discuss the presence of macro factors (PESTEL) on international business environment		
CO4	Students should be able to examine and elaborate the role of various Government institutions in India which support International trade.		
CO5	Students should be able to perceive the concepts in recent EXIM policy of India and relate it to the flow of FDI as well as direction of Indian foreign trade.		
Detailed Contents:		Reference Book, Publisher, Edition, Page No.	
Module 1	Introduction to International business, its importance and various concepts involved in it such as: entrepot trade, various tariff and non tariff barriers, regional trading blocs and types of trade agreements.		P. Subba Rao, international business, 4th edition, Himalaya Publishing house PP252-257, 269-282
Module 2	Modes of entry into International Business, Internationalization process and managerial implications case studies related to internationalization process. International business approaches: ethnocentric, polycentric, regiocentric, geocentric.		Soniya Gupta , International Business, Chapter 1 Tata McGraw Hill P. Subba Rao, international business, 4th edition, Himalaya PUBLISHING house PP 16-18
Module 3	Various Macro factors affecting International Business Environment: Political, Economical, Socio-cultural, Technological, Environmental and Legal factors.		Soniya Gupta , International Business, Chapter 2 Tata McGraw Hill
Module 4	Various Government Institutes supporting foreign trade and their role: DGFT, Export Promotion Council, ECGC, SEZs, EPZs and EOUs, EXIM Bank and FEMA		P. Subba Rao, international business, 4th edition, Himalaya PUBLISHING house PP142-143, 145-149,153-155

Module 5	Drivers of FDI, Flow of FDI in India , EXIM Policy of India Direction of India's Foreign Trade (imports and exports scenario), Role of RBI in exchange rate management	Kothari Monika, Export Promotion Measures in India, Deep & Deep Publication pp 16-19, 79-88
Other Reference books and sources	1. International Business – Environment and Operations, John D. Daniel, Lee Radbaugh, Daniel p Sullivan, Prashant Sawlan, 16 th Edition, Pearson Education, ISBN-13: 978-9352861880 2. International Relations, Pavneet Singh, 1 st Edition, McGraw Hill Education, ISBN-13: 978-9352602827 3. International Business (SIE), 6th Edition, Charles W L Hill, Arun K Jain, McGraw Hill Education, ISBN-13: 978-0070221796 4. International Business, 6th Edition, K. Aswathappa, McGraw Hill Education, ISBN-13: 978-9339222581	

Semester	II	Course Code	2T6	Type of Course	Core
Course Name	CORPORATE SOCIAL RESPONSIBILITY AND SUSTAINABILITY				
Credits	3	Number of 1 hour lectures:		30	
Detailed Course Objectives					
CO1	Given the concept of CSR, the future manager will be able to identify the various activities which can benefit the organization under the banner of CSR.				
CO2	Given a chance, the future manager will be able to frame and recommend the CSR policy according to sustainable development.				
CO3	Given the framework, the future manager will be able to plan the CSR activity according to the various laws and regulations.				
CO4	Given the details pertaining to government and non government organizations, the future manager will be able to ascertain the role of various stakeholders in CSR activities and incorporate the guidelines issued by regulatory guidelines in CSR policy.				
CO5	Given the task of CSR , the future manager will be able to plan and implement various activities to be taken under CSR activity and evaluate its effectiveness.				

Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Introduction to CSR- Meaning & Definition of CSR, History & evolution of CSR, Motives of CSR, Benefits and Internal scope of CSR, Enterprise Social Responsibility, Concept of sustainability & Stakeholder Management. CSR through triple bottom line and Sustainable Business; environmental aspect of CSR; Chronological evolution of CSR in India.	Corporate Social Responsibility in India. Trends, Issues and Strategies By Sateesh Gouda M, A.G. Khan, S.L. Hiremath, Anchor Academic Publishing, 2017, Pg-9-42 Corporate Social Responsibility: A Very Short Introduction By Jeremy Moon, Oxford University Press ,
Module 2	Framework of Social Orientations- Management and Social Theories , Five types of managers, organization classification. International framework for corporate social Responsibility, Millennium Development goals, Sustainable development goals, Relationship between CSR and MDGs. United Nations (UN) Global Compact 2011. UN guiding principles on business and human rights. OECD CSR policy tool, ILO tri-partite declaration of principles on multinational enterprises and social policy.	Business Ethics, Text and cases by CSV Murthy , Himalaya Publishing House, ISBN 81-8318-418-1, 2008, Pg 369-372
Module 3	CSR-Legislation In India & the world- Section 135 of Companies Act 2013.Scope for CSR Activities under Schedule VII, Appointment of Independent Directors on the Board. The Drivers of CSR in India, Changing expectations of social responsibility, four faces of social responsibility, the regulatory environment in India Counter trends. Performance in major business and programs.	Business Ethics, Text and cases by CSV Murthy , Himalaya Publishing House, ISBN 81-8318-418-1, 2008, Pg 365-387
Module 4	Identifying key stakeholders of CSR & their roles- Role of Public Sector in Corporate, government programs that encourage voluntary responsible action of corporations. Role of Nonprofit & Local Self-Governance in implementing CSR; Contemporary issues in CSR & MDGs. Global Compact Self-Assessment Tool, National Voluntary Guidelines by Govt. of India. Understanding roles and responsibilities of corporate foundations	Business and Community: The Story of Corporate Social Responsibility in India ,By Pushpa Sundar, Sage Publications Corporate Social Responsibility in India By Bidyut Chakrabarty, Routledge publications, Pg, 99-121 https://globalcompactselfassessment.org/about-thistool
Module 5	Current trends and opportunities in CSR- CSR as a Strategic Business tool for Sustainable development. Review of successful corporate initiatives & challenges of CSR. Case Studies of Major CSR Initiatives.	India CSR Report 2019: Trends and Prospects of CSR By Girija Srinivasan, Narasimhan Srinivasan, SAGE Publications, Philanthropy in India: Promise to Practice By

	Meenaz Kassam, Femida Handy, Emily Jansons
Other Reference books and sources	<ol style="list-style-type: none"> 1. CV Baxi and Ajit Prasad, “Corporate Social Responsibility Concept and Cases, The Indian Experience”, Excel Books, 2006, ISBN 81-7446-449-2 2. Nayan Mitra, René Schmidpeter, “Corporate Social Responsibility in India: Cases and Developments After the legal mandate”, Springer publications 3. http://egyankosh.ac.in/handle/123456789/8107 4. http://egyankosh.ac.in/handle/123456789/16465 5. http://www.forbesindia.com/blog/beyond-the-numbers/corporate-india-and-csr/ 6. https://blog.ipleaders.in/csr-laws-india/ 7. https://www.ilo.org/empent/areas/mne-declaration/lang--en/index.htm 8. http://www.teachcsr.com 9. https://economictimes.indiatimes.com/blogs/ResponsibleFuture/sustainability-and-csr-trends-for-india-in-2017/

Semester	II	Course Code	2T7	Type of Course	Core
Course Name	COST ACCOUNTING				
Credits	3	Number of 1 hour lectures:	30		
Detailed Course Objectives					
CO1	Given an information about basic conceptual framework of cost, the student will be able of identify/ classify different elements/ classification of cost and will be able to prepare cost sheet and prepare quotations for various business proposals				
CO2	Given an information about cost, volume and profit for specific product for mention time period, a student will able to compute Break-even point, Marine of safety, Profit volume ratio, desired profit / desired sales as well as able to evaluate the decision making proposals(suitable				

	product mix / dropping a product line / fixation of selling price / make or buy decisions/Key Factor Analysis)	
CO3	Given information about relevant expenses, a student will be able to classify the cost by nature and estimate cost of operating a service	
CO4	Given an information about Expenses & Income / Receipt & Payment / Projected Sales, a student will be able to prepare relevant functional level budgets for an organisation	
CO5	Given an information about standard and actual performance, the student will be able to determine Direct Material and Direct Labour Variances.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Conceptual framework of Cost Accounting: Basic Concepts of Cost Accounting, Objectives, Importance and Advantages of Cost Accounting, Cost Centre, Cost Unit, Elements of Cost, Classification and Analysis of Costs, Relevant and Irrelevant Costs, Differential Costs, Sunk Cost, Opportunity Cost. Unit & Output Costing - Preparation of Cost Sheet and Tender/Quotations.	“Cost Accounting – Principles & Practices”- M N Arora (2013) Twelfth edition, Vikas Publishing House Pvt. Ltd. (1.1 – 1.15), (6.1 – 6.41)
Module 2	Marginal Costing And Profit Volume Relationship And Decision Making :- Introduction, Application of Marginal costing in terms of cost control, profit planning, dropping a product line, fixation of selling price, make or buy decisions, key or limiting factor, selection of suitable product mix, desired level of profits, level of activity planning- Break-even-analysis: Application of BEP for various Business problems	“Cost & Management Accounting” – Ravi Kishore (2016), Taxmann Publication, 6 th Edition, (484 – 493),(540-548)
Module 3	Operating Costing:- Concept of operating Costing Features of operating costing: Transport costing (Standing charge, Repair and Maintenance Charge and Running charges and log sheet), Canteen, Hospital and hotels costing.	“Cost & Management Accounting” – Ravi Kishore (2016), Taxmann Publication, 6 th Edition, (408 – 422)
Module 4	Budgeting and Budgetary Control – Concept of Budgeting and Budgetary Control, Essential features, Merits and Limitations of Budgetary Control. Types of Budgets, Static and Flexible Budgeting, Preparation of Cash Budget, Sales Budget, Production Budget and Master Budget,	“Cost & Management Accounting” – Ravi Kishore (2016), Taxmann Publication, 6 th Edition, (578 - 599)
Module 5	Standard Costing & Variance Analysis: Introduction, Meaning and limitations of Standard Costing, Standard costing as a management Tool, Historical costing, Estimated Costing and Standard Costing, Standard Cost and Budgeted Cost, Determination of Standard Cost for Direct Material, Direct Labour Cost. Variance Analysis: Direct Material Variance – Material Cost Variance, Material Rate Variance, Material Quantity Variance, Material Mix Variance, and	“Cost & Management Accounting” – Ravi Kishore (2016), Taxmann Publication, 6 th Edition, pg 631-653

	Material Yield Variance, Direct labour Variance – Labour Cost Variance, Labour Rate Variance, Labour efficiency Variance, Labour Mix Variance, Idle Time Variance and Labour Yield Variance.	
Other Reference books and sources	1. Cost Accounting: Texts and Problems, M C Shukla, T S Grewal, Dr. M P Gupta, Revised Edition, S Chand & Company, ISBN-13: 978-8121919630 2. Cost Accounting, RSN Pillai, V. Bagawathi, , Revised Edition, S Chand & Company, ISBN-13: 978-8121904933 3. Cost Accounting, M Y Khan P K Jain, Second Edition, McGraw Hill Education, ISBN-13: 978-9339203443 4. Cost Accounting Text Book – V.K. Saxena C.D. Vashishtha, Sultan Chand Publication, ISBN-13: 9788180546112	

Semester	III	Course Code	2T8	Type of Course	Elective
Course Name	MANAGEMENT CASE ANALYSIS				
Credits	4	Number of hours:		40	
Detailed Course Objectives					
CO1	Given a situation a student will be able to construct SWOT for a concerned organisation or situation as well as he/she will be able to identify key actors/stakeholders in the given situation				
CO2	A student will be able to evaluate the dilemma (Problem/ Issues/ Concerns) in the case.				
CO3	A student will be able to develop suitable alternatives for the dilemma identified.				
CO4	A student will be able to analyse and evaluate the alternatives using the theoretical framework.				
CO5	A Student will be able to discuss suggest suitable roadmaps to overcome the identified dilemma.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	

Module 1	Introduction – Persuasion, Augmentation and Case Method, What is a case?, How to Analyse a Case, Case Demonstration, Problems, Decisions and Evaluation	The Case Study Handbook, William Ellett, HBR Press, Revised Edition, ISBN-13: 978-1633696150, Part 1 Management Case Studies, A Student's Handbook, Kulkarni, Patil Navalagi & Yaraddi, Notion Press ISBN 978-1-64324-309-2, (Page 3)
Module 2	Cases on General Management and Strategic Management (A student or group of student is expected to present/ analyse/ provide solution to minimum two cases or 4-5 caselets in the subject domain of General and Strategic Management.)	Management Case Studies, A Student's Handbook, Kulkarni, Patil Navalagi & Yaraddi, Notion Press ISBN 978-1-64324-309-2, (Page 19-36)
Module 3	Cases on Marketing Management (A student or group of student is expected to present/ analyse/ provide solution to minimum two cases or 4-5 caselets in the subject domain of Marketing Management.)	Management Case Studies, A Student's Handbook, Kulkarni, Patil Navalagi & Yaraddi, Notion Press ISBN 978-1-64324-309-2, (Page 37-62)
Module 4	Cases on Financial Management (A student or group of student is expected to present/ analyse/ provide solution to minimum two cases or 4-5 caselets in the subject domain of General and Financial Management.)	Management Case Studies, A Student's Handbook, Kulkarni, Patil Navalagi & Yaraddi, Notion Press ISBN 978-1-64324-309-2, (Page 63-80)
Module 5	Cases on Human Resource Management (A student or group of student is expected to present/ analyse/ provide solution to minimum two cases or 4-5 caselets in the subject domain of General and Human Resource Management.)	Management Case Studies, A Student's Handbook, Kulkarni, Patil Navalagi & Yaraddi, Notion Press ISBN 978-1-64324-309-2, (Page 81-102)
Other Reference books and	1. Management Cases, Revised Edition, Peter Drucker, HarperBusiness; Revised edition, ISBN-13: 978-0061435157 2. Case Studies in Management, Akhilesh Chandra Pandey, Case Studies in Management, ISBN-13: 978-9384588045	

sources	<p>3. Case Studies in Strategic Management, Sanjay Mohapatra, Pearson Education; First edition, ISBN-13: 978-8131759844</p> <p>4. Case Studies in Marketing, Kanwal Nayan Kapil, Pearson Education; First edition, ISBN-13: 978-8131756331</p> <p>5. Case Studies in Human Resource Management, Sanjeev Bansal, Jaya Yadav, Hargovind Kakkar, I K International Publishing House Pvt. Ltd, ISBN-13: 978-9384588854</p> <p>6. Case Studies in Finance, Rober Brunner, Kenneth Eades, Michael Schill, McGraw Hill Education; 6 edition, ISBN-13: 978-9339204822</p>
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Suggested Rubrics for Case Analysis Evaluation based on one evaluation case let analysis by an individual student at the end of the course:

Case Study Grading Rubric : An individual student shall be given a caselet and based on his/her analysis and presentation grading is to done					
Percentage Scale:		0-40 Marks	40-60Marks	60-80Marks	80 – 100Marks
	%	Below Standard	Approaching Standard	At Standard	Exceeds Standard
<p><i>Clear explanation of key strategic issues</i></p> <ul style="list-style-type: none"> The problems, scope, and seriousness was clearly identified in the discussions. There was a well focused diagnosis of strategic issues and key problems that demonstrated a good grasp of the company’s present situation and strategic issues. Effective Executive Summary • Did not waste space summarizing information already found in the case. 	20%	<p>Shows little understanding of the issues, key problems, and the company’s present situation and strategic issues.</p> <p>Executive summary missing or poorly constructed</p>	<p>Shows some understanding of the issues, key problems, and the company’s present situation and strategic issues.</p> <p>Executive summary inadequate</p>	<p>Shows adequate knowledge of the issues, key problems, and the company’s present situation and strategic issues.</p> <p>Executive summary adequate</p>	<p>Shows superior knowledge of the issues, key problems, and the company’s present situation and strategic issues.</p> <p>Effective Executive Summary</p>
<p><i>Valid arguments; analysis of financial and other functional performance with relevant supportive detail</i></p> <ul style="list-style-type: none"> Logically organized, key points, key arguments, and important criteria for evaluating business strategies were easily identified Critical issues and key problems that supported the Case Analysis were identified and clearly analyzed and supported. 	20%	<p>Critical issues and key problems that supported the Case Analysis were poorly identified, analyzed, and supported.</p>	<p>Critical issues and key problems that supported the Case Analysis were not clearly identified, analyzed, and supported.</p>	<p>Critical issues and key problems that supported the Case Analysis were partially identified, analyzed, and supported.</p>	<p>Critical issues and key problems that supported the Case Analysis were clearly identified, analyzed, and supported.</p>

<p><i>Appropriate analysis, evaluation, synthesis for the specific industry identified</i></p> <ul style="list-style-type: none"> • There was complete data on which to base a thorough analysis • Key change drivers underlying the issues were identified. • Synthesis, analysis, and evaluations were clearly presented and supported in a literate and effective manner. 	20%	Analysis of key change drivers and the underlying the issues inadequate.	Analysis of key change drivers and the underlying the issues were not identified.	Analysis of key change drivers and the underlying the issues were partially identified	Analysis of key change drivers and the underlying the issues were clearly identified
<p><i>Conclusions and recommendations are congruent with strategic analysis</i></p> <ul style="list-style-type: none"> • Specific recommendations and/or plans of action provided. • Specific data or facts were referred to when necessary to support the analysis and conclusions. • Recommendations and conclusions were presented and supported in a literate and effective manner. 	20%	<p>Effective recommendations and/or plans of action not provided.</p> <p>Specific data or facts necessary to support the analysis and conclusions was not provided.</p>	<p>Effective recommendations and/or plans of action inadequate.</p> <p>Specific data or facts were not referred when necessary to support the analysis and conclusions.</p>	<p>Effective recommendations and/or plans of action were partially provided.</p> <p>Specific data or facts were occasionally referred when necessary to support the analysis and conclusions.</p>	<p>Effective recommendations, solutions, and/or plans of action were provided.</p> <p>Specific data or facts were referred when necessary to support the analysis and conclusions.</p>
<p><i>Presentation: Proper organization, professional writing, and logical flow of analysis. APA formatting</i></p> <ul style="list-style-type: none"> • Logically organized, key points, key arguments, and important criteria for evaluating the business logic easily identified. • Key points were supported with a well thought out rationale based on applying specific concepts or analytical frameworks to the data provided in the case. • Proper grammar, spelling, punctuation, 3rd person objective view, professional writing, and syntax. 	20%	<p>Key points were poorly identified and supported with a well thought out rationale based on applying specific concepts or analytical frameworks to the data provided in the case.</p> <p>Grammar, spelling, punctuation, professional writing, and syntax needs significant improvement</p>	<p>Key points were not identified and supported with a well thought out rationale based on applying specific concepts or analytical frameworks to the data provided in the case.</p> <p>Grammar, spelling, punctuation, professional writing, and syntax needs improvement</p>	<p>Key points were partially identified and supported with a well thought out rationale based on applying specific concepts or analytical frameworks to the data provided in the case.</p> <p>Adequate grammar, spelling, punctuation, professional writing, and syntax</p>	<p>Key points were clearly identified and supported with a well thought out rationale based on applying specific concepts or analytical frameworks to the data provided in the case.</p> <p>Excellent grammar, spelling, punctuation, professional writing, and syntax</p>

SEMESTER – III

Semester	III	Course Code	3P1	Type of Course	Core/ Elective
Course Name	SUMMER INTERNSHIP PROJECT (SPECIALIZATION BASED)				
Credits	6	Number of days:		45 to 60	
Detailed Course Objectives					
CO1	Student is able to construct the company profile by compiling the brief history, management structure, products / services offered, key achievements and market performance for his / her organization of internship.				
CO2	For his / her organization of internship, the student is able to assess its Strengths, Weaknesses, Opportunities and Threats (SWOT). Student is able to determine the challenges and future potential for his / her internship organization in particular and the sector in general.				
CO3	Student is able to test the theoretical learning in practical situations by accomplishing the tasks assigned during the internship period.				
CO4	Student is able to apply various soft skills such as time management, positive attitude and communication skills during performance of the tasks assigned in internship organization.				
CO5	Student is able to analyze the functioning of internship organization and recommend changes for improvement in processes.				
GENERAL RULES & GUIDELINES					
<ul style="list-style-type: none"> ● At the end of second semester, all students will have to undergo summer training of 6-8 weeks with an industrial, business or service organization by taking up a Summer Internship Project (SIP). ● The condition of successfully completing the program shall not be deemed to have been satisfied unless a student undergoes summer training under the supervision of the department in organizations as approved by the Director/ Principal/ Head / Faculty from time to time. ● Alternatively Director/ Principal/ Head / Faculty of the Department/ College/ Institute may allocate the sector/ industry/ company specific project to the individual student. ● Each student will be required to give a presentation to the Department/ College/ Institute on the project undertaken during the SIP. The presentations should be scheduled within FOUR weeks of commencement of the third semester for the purpose of evaluation in the third semester. (Suggested Annexure II) ● Each student will be required to submit a project report as per format suggested in Annexure I to the Department/ College/ Institute for the work undertaken during this period within SIX weeks of commencement of the third semester for the purpose of evaluation in the third semester. ● Each student will be required to submit a feedback report from the SIP organisation as suggested in Annexure III to the Department/ College/ Institute. 					

- Evaluation of the SIP presentations shall be done jointly by one industry professional and one faculty member of the Department/ College/ Institute as per suggested criteria in Annexure IV.
- Evaluation of the SIP Report shall be done jointly by two faculty members of the Department/ College/ Institute as per suggested criteria in Annexure V.

EVALUATION SCHEME

- TOTAL MARKS FOR SIP = 100 MARKS (50 marks for presentation + 50 marks for the report).

ANNEXURE I – FORMAT FOR SUMMER PROJECT REPORT

- **Title Page:** including the project title, Student's name, name of the SIP organization, Name of the supervisor from SIP organisation, Name of the guide from Department/ College/ Institute and month and year of submission.
- **Certificate from the Department/ College/ Institute:** "This is to certify that the investigation described in this report titled "**Summer Project Report Title**" has been carried out by **Mr / Ms. Student's Name** during the summer internship project. The study was done in the organisation, **SIP Company Name**, in partial fulfilment of the requirement for the degree of Master of Business Administration of R. T. M. Nagpur University, Nagpur. This work is the own work of the candidate, complete in all respects and is of sufficiently high standard to warrant its submission to the said degree. The assistance and resources used for this work are duly acknowledged."
- **Certificate from the SIP organisation:** A copy of the certificate specifying that the student has successfully completed the summer project for the prescribed duration.
- **Acknowledgements page:** Acknowledging persons, organisations and other resources which were instrumental in completion of student's summer training.
- **Table of contents or index page.**
- **Part 1 (A) Company Profile:** Brief history, Management structure, Achievements, awards and latest developments, Products & Services offered, Performance & Market share, SWOT analysis.
- **Part 1 (B) Sector Overview:** Sector size and major players, Regulations and regulatory bodies, Sector's contribution to economy, Problems faced by the sector in general and the company in particular, Future potential of the sector.
- **Part 2 (A) Actual Work Done:** Week wise details of the work done including the details of any specific tasks or projects assigned by the company, Key learning week-wise, (If a specific project was allotted to you then you need to prepare the following: 1. Title of the project allotted, 2. Objectives of the project, 3. Research methodology adopted – Sampling method and sample size, data collection tools used, etc. 3. Analysis and interpretation of the data collected)
- **Part 2 (B) Findings and Suggestions.**

- **Part 2 (C) Conclusion.**
- **Appendices.**
- **Bibliography.**

- **Size of Report:** 25 to 35 pages
 - **Paper Size:** A 4
 - **Binding Types:** Paperback (Spiral)
 - **No. of Copies:** TWO (One to be submitted to the Department/ College/ Institute for record & one to be returned back to the student after evaluation).
 - **Font Type:** Times New Roman
 - **Font Size:** Headings 14, Text 12
- Line Spacing:** Single spacing.

ANNEXURE II – FORMAT FOR SUMMER PROJECT PRESENTATION

- **Title Slide 1:** The project title, Student's name, name of the SIP organization, Name of the supervisor from SIP organisation, Name of the guide from Department/ College/ Institute.
 - **Slide 2:** About the company - its products & services, Sector size and major players.
 - **Slide 3:** Performance & Market share.
 - **Slide 4:** Problems faced by the sector in general and the company in particular.
 - **Slides 5 to 7:** Week wise details of the work done including the details of any specific tasks or projects assigned by the company.
 - **Slide 8:** Key learning.
 - **Slide 9:** Findings and Suggestions.
 - **Slide 10:** Conclusion.
- Each Student shall make a presentation for duration of maximum 10 minutes which shall be followed by a question and answer session of maximum 5 minutes.

ANNEXURE III – SIP ORGANISATION FEEDBACK

Feedback to be solicited from the SIP organisation to rate the student on a scale of 1-10 (1 being poor and 10 being excellent) for the below mentioned parameters:

1. KNOWLEDGE OF SUBJECT / DOMAIN AREA.
2. PUNCTUALITY.
3. ATTITUDE.

4. COMMUNICATION SKILLS – ORAL.
5. COMMUNICATION SKILLS – WRITTEN.
6. ACCOMPLISHMENT OF THE ASSIGNED TASKS.
7. CONFIDENCE LEVEL.
8. GENERAL AWARENESS.
9. GRASPING ABILITY.
10. OVERALL PERSONALITY.

ANNEXURE IV – EVALUATION PARAMETERS FOR SIP PRESENTATION

Evaluation of the student’s presentation to be done on a scale of 1-10 (1 being poor and 10 being excellent) for the below mentioned parameters:

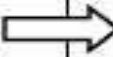
1. COMPANY & SECTOR ANALYSIS.
2. ATTEMPT TO RELATE PRACTICAL WORK WITH THEORY.
3. KEY LEARNINGS AND RECOMMENDATIONS.
4. HANDLING QUESTIONS.
5. OVERALL QUALITY OF PRESENTATION.

ANNEXURE V – EVALUATION RUBRIC FOR SIP REPORT

RUBRIC FOR SUMMER INTERNSHIP REPORT ASSESSMENT.

NAME OF THE STUDENT: _____

DATE: _____

CRITERION	SUBSTANTIAL ACHIEVEMENT (8-10 Marks)	MODERATE ACHIEVEMENT (5-7 Marks)	POOR ACHIEVEMENT (0-4 Marks)
Description of Organizational Profile	Writes a clear description of company profile including its history, management structure, products / services offered, key achievements and market performance	Writes a limited description of company profile. However a majority of the points are covered.	Writes a very brief description of company profile excluding majority of the points.
Analysis of organization & Sector.	Performs a SWOT analysis for the company and presents all the key challenges & opportunities of the sector in general and company in particular.	A limited analysis of the company and the sector is performed. All the key elements of challenges & opportunities have not been identified.	Is unable to perform a proper SWOT analysis and identify the challenges & opportunities of the sector in general and company in particular.
Application of theoretical knowledge.	Details of the work done or project implemented during internship is documented in detail. Theoretical basis is used to identify the various issues in organization and its processes.	Work done or project implemented during internship is documented but with limited details. No proper theoretical basis for identification of issues in organization and its processes.	Documentation of work done or project implemented during internship is vaguely defined. No attempt has been made to relate theory with organizational or procedural problems.
Conclusions and Recommendations	Conclusions drawn are not global but specific & based on empirical evidences. Recommendations given are practical and feasibility & methodology of implementing the same is discussed.	Conclusions drawn are specific but empirical evidences are not properly presented. Recommendations given seem to be practical and feasible. However, methodology of implementing the same is not discussed.	Conclusions drawn are of global nature not based on empirical evidences. Recommendations given don't seem practical and feasibility & methodology of implementing the same is not discussed.
Feedback from organization.	A positive and high score of feedback is received on most of the parameters from the SIP organization.	An average and moderate score of feedback is received on most of the parameters from the SIP organization.	A low and poor score of feedback is received on most of the parameters from the SIP organization. (or feedback not submitted)
Total Points Scored (Out of 50 maximum possible) 			
Faculty 1 Initials	Faculty 1 Signature	Faculty 2 Initials	Faculty 2 Signature

Semester	III	Course Code	3T1	Type of Course	Elective
Course Name	MM1: SALES AND DISTRIBUTION MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	Given a situation, student manager will be able to identify appropriate Sales Forecasting method to be adopted by a company.				
CO2	Given a situation of newly launched company, student manager will be able to design an effective Sales Compensation Plan for Sales Executive.				
CO3	Given a situation of distribution channel of a company, student manager will be able to outline different levels of Marketing channel used by the company.				
CO4	Given a situation, student manager will be able to describe the process of Supply Chain and Reverse Logistics.				
CO5	Given a situation, student manager will be able to develop e-retailing strategy as a channel of distribution.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Introduction to Sales Management - Definition and meaning, Objectives, Sales Research, Sales Forecasting, Sales Forecasting methods, Sales Planning and control: Goal setting, Performance measurement, diagnosis and corrective actions, Estimating market and Sales Potentials			Sales Management – Decsion Strategy and Cases, 5 th Edition, Richard R.Still, Edward W. Cundiff & Norman Govani, Pearson, ISBN 978-81-317-1089-0, Chapter 1	
Module 2	Sales Organisation – Setting up a sales organization, Personal Selling, Management of Sales force, Recruitment & Selection, Training, Motivation and Evaluation, Compensating Sales Force, Territory Management, Sales Budget, Sales Quota.			Sales Management – Decsion Strategy and Cases, 5 th Edition, Richard R.Still, Edward W. Cundiff & Norman Govani, Pearson, ISBN 978-81-317-1089-0, Chapter 7,20,21,22	
Module 3	Physical Distribution – Definition, Importance - participants in physical distribution process - Different forms of channels - Functions of Marketing Channels, Unconventional channels - Channel Intermediaries - Wholesaling and Retailing , Channels			Sales Management – Decsion Strategy and Cases, 5 th Edition, Richard R.Still, Edward	

	for Consumer goods, Industrial Goods & Services – Integrated Marketing Channels – Horizontal, Vertical, Multi -channel marketing Systems.	W. Cundiff & Norman Govani, Pearson, ISBN 978-81-317-1089-0, Chapter 9
Module 4	Supply Chain Management – concept – significance – components – Order processing – Material Handling – Transportation – Warehousing – Inventory Management – Reverse Logistics, E-enabled selling and distribution	Sales Distribution Management, K. Shridhara Bhat, Himalaya Publishing House Pvt Ltd, ISBN Number : 978-93-5051-411-5, Chapter 9-14,16
Module 5	E-commerce and e-retailing - E-commerce and e-retailing as a channel of distribution, Electronic intermediaries, Disintermediation and Re-intermediation, e-enabled logistics management and tracking systems.	Retail Management: Functional Principles and Practices, Gibson G. Vedamani, 5 th Edition, Pearson, ISBN – 978-93-868-7327-9, Chapter 29
Other Reference books and sources	1. Sales and Distribution Management: Text and Cases, 3rd Edition, Krishna K Havaladar & Vasant M Cavale, McGraw Hill Education, ISBN-13: 978-9352607730 2. Sales and Distribution Management, 2nd Edition, Tapan K Panda & Sunil Sahadeva, Oxford; ISBN-13: 978-0198077046 3. Sales and Distribution Management: A Practice based approach, Ramendra Singh, Vikas Publishing, ISBN-13: 978-9325994065 4. Sales Management: Concepts and Cases, 10ed, ISV, William L. Cron & Thomas E. Decarlo, Wiley, ISBN-13: 978-8126526383	

Semester	III	Course Code	3T2	Type of Course	Elective
Course Name	MM2: DIGITAL AND SOCIAL MEDIA MARKETING				
Credits	4	Number of hours:		40	
Detailed Course Objectives					

CO1	On studying this module, the students will be able to understand the concept of marketing in digital environment. They will also be able to relate traditional marketing concepts with digital marketing and evaluate the use of various channel options available for digital marketing.
CO2	On completing this module, the students will develop the concept of digital marketing research. They will also be able to examine online consumer behaviour and imagine its utility in online/offline marketing strategies
CO3	Upon studying this module, the students will be able to build an understanding of search engines and their utility in digital marketing area. They will also comprehend optimization and the keyword search methodology.
CO4	On properly studying this module, the student will be able to examine the utility of different social media in digital marketing and evaluate their use, as future managers, in actual marketing campaigns.
CO5	On studying this module, the student will be able to create favourable online reputation, later, as future managers, for organizations they serve. Students will also be able to form opinion on current trends in digital marketing area and estimate future trends therein.
Detailed Contents:	
	Reference Book, Publisher, Edition, Page No.
Module 1	Introduction: Digital Marketing and its Significance. Traditional marketing V/s digital marketing. Marketing in digital environment, Introduction to E-commerce, types of E-commerce & business models, advantages & Disadvantages, hybrid & multi-channel options, online media and types.
Module 2	Digital marketing research: Features of marketing research, steps in marketing research, methods of digital marketing research, audience profiling and segmentation. The internet: uses, purposes, online consumer behaviour, direct marketing. Online research methods, behavioural targeting, blogs and types, building customer profiles, competitor analysis, integrating online strategies, offline marketing strategies.
Module 3	Search Engine Marketing: Introduction, email campaign creation and management, search and display on search engines, pricing models, page rankings, search engine optimization (SEO) and process, key words, search engine marketing (SEM), paid and natural search, search methodology.
	Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 1-79
	Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 96-147, 155-174
	Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 179-252.

Module 4	Social Media: Introduction to social media, Facebook, LinkedIn, Twitter, Youtube, creating a channel on Youtube, social media measuring, forums and discussion boards, forums and communities, blogs, viral campaigns, building online relationships with different stakeholders.	Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no. 257-324. The Ultimate Web Marketing Guide, Michael Miller, Pearson, page no.315-343.
Module 5	Online Reputation and Recent Trends: Introduction, reputation management process, features of online reputation management, strategies and tools of online reputation management, handling negative comments, recent trends in digital marketing, localization of content and advertising, marketing using mobile networks, journey from traditional to mobile banking, consumer engagement and methods.	Digital Marketing, Raghavendra K., Shruti Prabhakar, Himalaya Publ. House, 2016, page no.329-348, 353-380.
Other Reference books and sources	<ol style="list-style-type: none"> 1. Internet Marketing: Start to Finish, Catherine Joun, Dunlie Greiling, Pearson, 2012. 2. Facebook Marketing: Designing Your Next Marketing Campaign, Justin Levy, Pearson, 2011. 3. Advertising, Promotion and other Aspects of Marketing, Terence Shimp, Craig Andrews, Cengage Learning, 2016. 4. Online Retailing: A New Paradigm, The ICFAI University Press, 2008. 	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	MM3: INTEGRATED MARKETING COMMUNICATION AND BRAND MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	At the end of the course the student manager shall be able to Design the Integrated marketing communication Process for a company/product				
CO2	At the end of the course the student manager shall be able to develop a creative message strategy for a product and execute it.				
CO3	At the end of the course the student manager shall be able to implement and evaluate a IMC campaign.				

CO4	At the end of the course the student manager shall be able to Identify&Establish Brand Positioning for a given product	
CO5	At the end of the course the student manager shall be able to design/develop branding strategies for a product/company, brand marketing program and shall be able to evaluate a branding program.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Marketing Communication: Introduction, Objectives, using MC to build brand, Introduction to IMC: concepts,IMC partners & industry organisation. How brand communication works, How brand decision makers respond to MC messages. IMC planning process	Principles of Advertising & IMC, Tom Duncan , McGraw-Hill , second edition page 1-190
Module 2	Creating Sending & Receiving IMC messages - How to develop creative message strategy, how to get a big idea; Message execution.	Principles of Advertising & IMC, Tom Duncan , McGraw-Hill , second edition page 263-321
Module 3	Media planning : Media classifications, Advertising & IMC Media Planning, consumer sales promotion, trade promotion, Personal selling ,Public relations, direct marketing, event marketing and customer services; Evaluating IMC campaigns	Principles of Advertising & IMC, Tom Duncan , McGraw-Hill , second edition page 330-601
Module 4	Brand Management & Brand Equity: Meaning, Scope of Brand, Brand Management. Branding Challenges & opportunities. Strategic Brand Management – need & process. Identifying & Establishing Brand Positioning & Values-Brand Equity, customer based brand equity, brand positioning.	Strategic Brand Management , Third edition , Kelvin Lane Keller, Pearson Education, Page No.23-160
Module 5	Planning & implementing brand marketing program, Measuring & implementing brand performance	Strategic Brand Management , Third edition , Kelvin Lane Keller, Pearson Education, Page No.161-424
Other Reference books and sources	1. Advertising & IMC: Principles and Practice, 10th Edition, Sandra Moriarty, Nancy Mitchell, William Wells, Pearson, ISBN-13: 978-0133506884 2. Product and Brand Management, Tapan Panda, Oxford University Press; First edition, ISBN-13: 978-0199460496	

3. Principles of Integrated Marketing Communications, Lawrance Ang, Cambridge University Press; 1 edition, ISBN-13: 978-1107649187
 4. Advertising and Promotion: An Integrated Marketing Communications Perspective (SIE), McGraw Hill Education; Ninth edition, ISBN-13: 978-1259026850

Semester	III	Course Code	3T1	Type of Course	Elective
Course Name	FM1: INVESTMENT ANALYSIS & PORTFOLIO MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	The student will be able to apply concept of time value of money in computing the value of fixed income securities. The student will also be able to understand the relationship between interest rates, yield and bond prices.				
CO2	The student will be able to compute and compare the value of a company's equity share with other company's equity by using various methods and tools of equity valuation				
CO3	The student will be able to build and evaluate the relationship between the concept of risk and return and will be able to relate its implication on creating portfolio.				
CO4	The student will be able to learn the theoretical concepts of underlying the portfolio creation				
CO5	The student will be able to assess the tools and strategies for portfolio creation and evaluation and will also be able to evaluate the portfolios of mutual funds by using the tools of portfolio evaluation				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	

Module 1	FIXED-INCOME VALUATION: Introduction. <i>Bond Prices and the Time Value of Money:</i> Bond Pricing with a Market Discount Rate, Yield-to-Maturity, Relationships between the Bond Price and Bond Characteristics. <i>The Maturity Structure of Interest Rates. Yield Spreads:</i> Yield Spreads over Benchmark Rates, Yield Spreads over the Benchmark Yield Curve.	Investment Analysis & Portfolio Management – Prasanna Chandra, Tata McGraw Hill Publications, Chapter – 11
Module 2	EQUITY VALUATION – CONCEPTS AND BASIC TOOLS: Introduction. Estimated Value and Market Price. Major Categories of Equity Valuation Models: <i>Present Value Models:</i> The Dividend Discount Model; Background and Description of the Dividend Discount Model. The Gordon Growth Model, Multistage Dividend Discount Models. <i>Multiplier Models:</i> Relationships among Price Multiples, Present Value Models, and Fundamentals; The Method of Comparables; Illustration of a Valuation Based on Price Multiples; Enterprise Value. <i>Asset-Based Valuation</i>	Investment Analysis & Portfolio Management – Prasanna Chandra, Tata McGraw Hill Publications, Chapter – 13
Module 3	PORTFOLIO RISK AND RETURN – PART I: The Concept of Market Efficiency, Forms of Market Efficiency, Random Walk Theory, <i>Investment Characteristics of Assets:</i> Return, Other Major Return Measures and their Applications, Variance and Covariance of Returns, Historical Return and Risk, Other Investment Characteristics. <i>Portfolio Risk:</i> The Concept of Risk Aversion, Portfolio of Two Risky Assets, Portfolio of Multiple Risky Assets, The Power of Diversification.	Investment Analysis & Portfolio Management – Prasanna Chandra, Tata McGraw Hill Publications, Chapter – 4 & 7
Module 4	PORTFOLIO RISK AND RETURN – PART II: <i>Efficient Frontier and Investor's Optimal Portfolio:</i> Investment Opportunity Set, Minimum-Variance Portfolios, A Risk-Free Asset and Multiple Risky Assets, Optimal Investor Portfolio, <i>Capital Market Theory:</i> Portfolio of Risk-Free and Risky Assets, The Capital Market Line. <i>Pricing of Risk and Computation of Expected Return:</i> Systematic Risk and Non-systematic Risk, Calculation and Interpretation of Beta. <i>The Capital Asset Pricing Model:</i> Assumptions of the CAPM, The Security Market Line, Applications of the CAPM -	Investment Analysis & Portfolio Management – Prasanna Chandra, Tata McGraw Hill Publications, Chapter – 8
Module 5	PORTFOLIO MANAGEMENT – Specification of Investment Objectives and Constraints, Selection of Asset Mix, Formulation of Portfolio Strategy, Selection of Securities, Portfolio Execution, Portfolio Revision, Performance Evaluation, Portfolio and Mutual fund	Investment Analysis & Portfolio Management – Prasanna Chandra, Tata McGraw Hill Publications, Chapter – 21

	Performance evaluation – Sharpe Ratio, Treynor Ratio, Jensen’s Alpha, Sortino Ratio and M ² .	
Other Reference books and sources	1. Security Analysis and Portfolio Management, S. Kevin, 2d Edition, PHI Learning, ISBN-13: 978-8120351301 2. Security Analysis and Portfolio Management, 6e, Donald E. Fischer & Ronald J. Jordan, Pearson Education India, ISBN-13: 978-8177588118 3. Security Analysis and Portfolio Management, M. Ranganathan & R. Madhumathi, 2nd edition, Pearson Education India ISBN-13: 978-8131759202 4. Securities Analysis and Portfolio Management, V. A. Avadhani, 12th Edition, Himalaya Publishing House, ISBN-13: 978-9352029921	

Semester	III	Course Code	3T2	Type of Course	Elective
Course Name	FM2: PROJECT APPRAISAL AND FINANCE				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	The student will be able to assess capital budgeting decisions under uncertain and risk bearing situation and will also be able to build and interpret the decision tree approach for decision making				
CO2	The student will be able to choose between acquisition of long term assets either through lease or financing methods and will also be able to learn process of Private Equity and Venture Capital				
CO3	The student will be able to compare the various theories of capital structure and will be able to determine the impact of debt equity mix on value of firm				
CO4	The student will be able to evaluate and compare the pre and post merger financial position of the firms.				
CO5	The student will be able to determine/ estimate the cash requirement in a firm and will also be able to evaluate the impact of trade receivable policy of a firm on its profitability.				

Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Long-term Investment Decisions: Capital Budgeting–Identification of Cash Flows and evaluation of proposals, Risk and Uncertainty Analysis, Certainty Equivalent Approach, Sensitivity Analysis, Probability Distribution Approach and Decision Tree Approach	Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition Financial Management, Theory, Concepts and Problem, Taxmann Publications, 5 th Edition, ISBN: 9788171949311, Chapter 9
Module 2	Leasing, Hire-purchase & Project Finance -Types of leases, rationale for leasing, Mechanics of leasing, Operating lease, Leasing as financial decision, Lease Vs borrow & buy evaluation, Hire purchase arrangement, Choice between leasing & hire purchase, Project finance – Private Equity, Venture Capital.	Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition Financial Management, Theory, Concepts and Problem, Taxmann Publications, 5 th Edition, ISBN: 9788171949311, Chapter 24,25
Module 3	Capital structure & Value of firm - Assumptions & definitions, NI approach, NOI approach, Traditional Position, MM position, Taxation & capital structure, Trade off theory, Signaling theory , Pecking order theory, Factors determining Capital Structure, Financial Distress, Project Financing and Project Beta	Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition Financial Management, Theory, Concepts and Problem, Taxmann Publications, 5 th Edition, ISBN: 9788171949311, Chapter 13&14
Module 4	Mergers & Acquisitions – M & A –Exchange ratio Financial evaluation of mergers, M&A as capital budgeting decision, Economic value added & market value added Taxation aspects.	Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition Financial Management, Theory, Concepts and Problem, Taxmann Publications, 5 th Edition, ISBN: 9788171949311, Chapter 30
Module 5	Management of Cash - Motives of holding cash, factors determining the cash balance, Managing the cash flow, Cash budget, Reports for control, Cash collection & disbursement,	Financial Management, M. Y. Khan & P. K. Jain, McGraw Hill Publications, 6 th Edition

	Options for investing surplus funds & strategies for managing surplus funds, Models- The Baumol model, The Beranek Model, The Miller-Orr Model. Management of Receivables - Credit policies, Evaluating the debtors, Credit analysis & decision, Credit terms & collection policies, Control of accounts receivables, Heuristic approach, Factoring and forfaiting	Financial Management, Theory, Concepts and Problem, Taxmann Publications, 5 th Edition, ISBN: 9788171949311, Chapter 19&20
Other Reference books and sources	1. Financial Management, I M Pandey, 10 th Edition, Vikas Publishing House Pvt Ltd, ISBN: 9788125937142 2. Financial Management, Comprehensive Text book with Case studies, M. Ravi Kishore, 7 th Edition, Taxmann Publications, ISBN: 9788171945207 3. Financial Management: Theory and Practice, Prasanna Chandra, 9 th Edition, ISBN-13: 978-9339222574 4. Financial Management: Problems & Solutions, AN Sridhar and Padmavati Sridhar, 5 th Edition, Packt Publsiher, ISBN: 9789350238929	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	FM3: FINANCIAL DERIVATIVES				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	The student will be able to describe the concepts of derivatives and its trading and settlement procedures				
CO2	The student will be able to calculate the value of Futures and apply it for risk managed trading strategies.				
CO3	The student will be able to compute the value of Options and plan various option strategies.				
CO4	The student will be able to analyse and use the concept of Swaps and will also be able to make Swaps related decisions.				
CO5	The student will be able to relate concept of foreign exchange in currency conversion and apply currency forward rate agreements for hedging.				

Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Introduction to Derivatives Trading and Settlement – Introduction to risk management, managing risk, types of business risks, derivatives and derivative products, classification of derivatives, participants in derivative market, functions of derivatives Trading of Derivatives Contracts Futures and Options Trading System, The Trader Workstation, Futures and Options Market Instruments, Criteria for Stocks and Index Eligibility for Trading, Charges ; Clearing and Settlement - Clearing Entities, Clearing Mechanism, Settlement Procedure, Risk Management, Margining System	Derivatives and Risk Management, Rajiv Srivastav, 2 nd Edition, Oxford Higher Education Publishing, ISBN: 9780198089155, Chapter 1 NISM – Equity Derivative Module Study Material, Taxmann Publication, ISBN No.:9789387957084, Unit 1 &7
Module 2	Equity Futures Derivatives and Trading Strategies – Types of Futures – On the basis of Maturity, On the basis of the underlying asset; Margining in the Futures market; Terminologies used in the Futures Market; Futures Pricing – Cost of Carry Model; Trading Strategies using futures.	Derivatives and Risk Management, Rajiv Srivastav, 2 nd Edition, Oxford Higher Education Publishing, ISBN: 9780198089155, Chapter 2, Options, Futures and Other Derivatives, J.C. Hull and Sankarshan Basu, 7 th Edition, Pearson Publishing, ISBN -978-81-317-2358-6, Chapter 5 NISM – Equity Derivative Module Study Material, Taxmann Publication, ISBN No.:9789387957084, Unit 3
Module 3	Option Derivatives and Trading Strategies using options – Types of Options - Call Options, Put Options; Option Pay-Offs; Terminologies used in the Options Market; Option Pricing – Binomial Model and Black & Scholes Model; Trading Strategies using options- caps, collars, butterfly, straddle, strangle etc. Option Greeks.	Derivatives and Risk Management, Rajiv Srivastav, 2 nd Edition, Oxford Higher Education Publishing, ISBN: 9780198089155, chapter 8,10,11&12 Options, Futures and Other Derivatives, J.C. Hull and Sankarshan Basu, 7 th Edition, Pearson Publishing, ISBN -978-81-317-2358-

		6
Module 4	Swaps - Concept and Characteristics; Types of Swaps – Interest Rate Swaps and Currency Swaps; Structure of Interest Rate Swaps and Intermediated Interest Rate Swaps; Relation between Interest Rate Swaps and Forward Rate Agreements; Calculations on Swaps.	Derivatives and Risk Management, Rajiv Srivastav, 2 nd Edition, Oxford Higher Education Publishing, ISBN: 9780198089155, Chapter 7 Options, Futures and Other Derivatives, J.C. Hull and Sankarshan Basu, 7 th Edition, Pearson Publishing, ISBN -978-81-317-2358-6, chapter 28,31,32
Module 5	Foreign Exchange risk & Corporate Exposure Management – Types of Exposure – Transaction, Economic and Translation; Foreign Exchange Risk – Types, Risk Management Techniques – External and Internal. International portfolio diversification and transfer pricing, Currency Derivatives and its application, Risk Management practices in India.	Foreign Exchange – Practice, Concept and Control, C. Jeevanandam, Sultan Chand and Sons Publication, ISBN – 81-8054-717-1, Chapter 10,11,14
Other Reference books and sources	1. Financial Derivatives-Theory, Concepts and Problems, 2nd Edition, S.L. Gupta, PHI Learning Pvt Ltd, ISBN: 9788120353480 2. Fundamentals of Financial Instruments: An Introduction to Stocks, Bonds, Foreign Exchange and Derivatives, Wiley, ISBN-13: 978-8126534043 3. Derivatives Principles and Practice, 1st Edition, Sundaram & Das, McGraw Hill Education, ISBN-13: 978-1259097096 4. Options Futures & Other Derivatives 9e, John C. Hull & Sankarshan Basu, Pearson Education India ISBN-13: 978-9332559417	

Semester	III	Course Code	3T1	Type of Course	Elective
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Course Name	HRM1: MANPOWER PLANNING, RECRUITMENT AND SELECTION		
Credits	4	Number of hours:	40
Detailed Course Objectives			
CO1	Students should be able to explain the factors affecting HRP and HRP process of an organisation.		
CO2	Students should be able to determine the process of demand and supply forecasting while doing human resource planning.		
CO3	Students should be able to devise the manpower plan for an organisation.		
CO4	Students should be able to formulate Recruitment and Selection process on the basis of HRP.		
CO5	Students should be able to outline the Recent Trends in Manpower Development and Planning		
Detailed Contents:		Reference Book, Publisher, Edition, Page No.	
Module 1	Manpower Planning: Meaning of HRP, Factors Affecting Manpower Planning, Need for Manpower Planning, Process of Manpower Planning, Importance of Manpower Planning, Obstacles in Manpower Planning, Advantages of Manpower Planning, Successful Manpower Planning	Human Resource Management – Text and Cases- K Ashwatthapa, 6 th Edition; Tata Mac Graw Hill Publication Ch-4 Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3 rd Revised Edition; Himalaya Publishing House Ch-4	
Module 2	Manpower Forecasting: Concept, Factors affecting HRP, HRP at different levels of management, Integration of strategic planning and HRP, Process of HRP – Introduction Demand Forecasting – Techniques of demand forecasting, Supply forecasting, Control and Review mechanism.	Human Resource Management – Text and Cases- K Ashwatthapa, 6 th Edition; Tata Mac Graw Hill Publication, Ch-4 Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3 rd Revised Edition; Himalaya Publishing House Ch-4	
Module 3	Developing a Manpower Plan: Use of HRIS in HRP, HR Plan Implementation, Managerial Succession Planning, Requisites of Successful HRP, Recent Trends in HRP	Human Resource Management – Text and Cases- K Ashwatthapa, 6 th Edition; Tata Mac Graw Hill Publication, Ch 4 Essentials of Human Resource Management &	

		Industrial Relations – P Subbarao, 3 rd Revised Edition; Himalaya Publishing House Ch 4
Module 4	<p>Recruiting & Selecting Human Resources- Sourcing of candidates, Recruitment, Factors governing recruitment, Strategic Management & Recruitment- Centralised & Decentralised Modern Sources and Techniques of Recruitment.</p> <p>Selection- concept, Selection Process, use of Psychological tests, Types of tests, Psychometric tests, online test, Importance of tests, Interviews- interviewing skills, Evaluation of Selection Programs, Recent Trends in Selection. Barriers to effective selection, Ancillary Topics- Induction, Placement, Employer branding</p>	<p>Human Resource Management – Text and Cases- K Ashwatthapa, 6th Edition; Tata Mac Graw Hill Publication Ch 6,7, 8</p> <p>Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3rd Revised Edition; Himalaya Publishing House Ch 5,6,29</p>
Module 5	Recent Trends in Manpower Planning: Introduction, E-Manpower planning, e-Recruitment, e-selection Competency mapping, Knowledge management, E-Manpower Development, Concept of Global Recruitment.	<p>Human Resource Management – Text and Cases- K Ashwatthapa, 6th Edition; Tata Mac Graw Hill Publication Ch.28,29</p> <p>Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3rd Revised Edition; Himalaya Publishing House Ch.27,28,29</p>
Other Reference books and sources	<ol style="list-style-type: none"> 1. Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3rd Revised Edition; Himalaya Publishing House 2. Manpower Planning and Recruiting: Including Induction, Iain Maitland, Infinity Books, ISBN-13: 978-8179291139 3. Recruitment and Selection: Theory and Practices, Dipak Kumar, Cengage Learning, ISBN-13: 978-8131531600 4. Human Resource Planning, 3rd Edition, Dipak Kumar Bhattacharya, Excel Books, ISBN-13: 978-9350620571 	

Semester	III	Course Code	3T2	Type of Course	Elective
Course Name	HRM2: PERFORMANCE MEASUREMENT SYSTEM				
Credits	4	Number of hours:	40		
Detailed Course Objectives					

CO1	Students should be able to distinguish the concept of Performance appraisal & Performance Management and also should be able to establish relationship of performance management with Strategic Planning.	
CO2	Students should be able to determine the Mechanism of Performance Management, and also explain the various steps in performance planning and performance execution.	
CO3	Students should be able to justify the use of various modern and traditional methods of Performance Appraisal under given situation.	
CO4	Students should be able to justify the use of various Performance Assessment Models under given situations; also the student should be able to determine the steps of giving a constructive feedback.	
CO5	Students should be able to discuss the importance and Principles of ethics in performance management.	
<p style="text-align: center;">Detailed Contents:</p>		
	Reference Book, Publisher, Edition, Page No.	
Module 1	<p><i>Introduction to Performance Management:</i> Concept – Performance appraisal, Performance Management, Performance management system, Objectives and functions of Performance Management system, Linkage of Performance Management to strategic planning.</p>	<p>Performance management – Herman Aguinis, Pearson publication, Ch 3</p> <p>Performance management – A.S.Kohli & T.Deb, Oxford publication, Ch2,3</p>
Module 2	<p><i>Process of Performance Management:</i> Introduction to Performance Management Process, Performance Management Planning Process, Mechanism of Performance Management Planning and Execution.</p>	<p>Performance management – Herman Aguinis, Pearson publication, Ch 2</p> <p>Performance management – A.S.Kohli & T.Deb, Oxford publication, Ch 5</p>
Module 3	<p><i>Performance Appraisal:</i> Definitions & Objectives of PA and Characteristics of PA, Importance, Advantages & Disadvantages of PA, Process of PA, Pitfall of PA, Achieving effective PA, Methods of PA, <i>Performance Appraisal Methods:</i> Performance Appraisal Methods, Traditional Methods, Modern Methods</p>	<p>Performance management – A.S.Kohli & T.Deb, Oxford publication, Ch 7</p>
Module 4	<p>Models for Assessing Performance-Balance score card; Objectives and process of Performance monitoring, Performance management linked with reward systems. Building a High Performance culture-Performance Management & Employee Development.</p>	<p>Performance management – Herman Aguinis, Pearson publication, Ch 8</p> <p>Performance management – A.S.Kohli & T.Deb, Oxford publication, Ch 7,8,10</p>

Module 5	Ethics in Performance Appraisal: Ethics – An Overview, Ethics in Performance Management, Principles of ethical performance management Ethical issues and dilemmas in performance management	Performance management – A.S.Kohli & T.Deb, Oxford publication, Ch 12
Other Reference books and sources	1. Human Resource Management: Text and Cases, V. S. P. Rao, Excel Books, ISBN-13: 978-8174464484 2. Human Resource Management: Text and Cases, 6th Edition, K. Aswathappa, McGraw Hill Education, ISBN-13: 978-0070682139 3. Human Resource Management, 15th Edition, Gary Dessler, Pearson Education, ISBN-13: 978-9352862658 4. Performance Management: Concepts, Skills and Exercises, 2nd Edition, Robert L Cardy & Brian Leonard, Prentice Hall India Learning Private Limited, ISBN-13: 978-8120343238	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	HRM3: COMPENSATION AND BENEFITS MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	Students should be able to compare the applicability of various Job Evaluation methods under given situations.				
CO2	Students should be able to determine the importance of Wage Differentials and Differentiate between different types of wages				
CO3	Students should be able to align the compensation strategy with business strategy				
CO4	Students should be able to design and develop the incentive and benefits plans				
CO5	Students should be able to outline the various Statutory Provisions related to Compensation				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Job Evaluation / Grade Structure - a. Purpose and Methods of Job Evaluation, Ranking Systems, Job Classification / Grading method, Points System, Factor Comparison Method, Packaged Point Plans, Implementation, Job evaluation approach to compensation management			Human Resource Management – Text and Cases- Dr.S S Khanka, S.Chand Publication, Ch.14	

		Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3 rd Revised Edition; Himalaya Publishing House, Ch 14 Compensation Management – Dipak Kumar Bhattacharya, Oxford University press, Ch 4
Module 2	Compensation Planning – Concept of Minimum Wage ,Fair wage, Living Wage , Nature and objectives of Compensation, Wages, Wage Fixation, wage fixation institutions in India, Wage differentials, Wage Plans – Rowan /Halsey; Components of Compensation –Base compensation – Perks, Fringe Benefits, Pay for Performance – Incentives; Bonuses- concept & methods of calculation	Human Resource Management – Text and Cases- K Ashwatthapa, 6 th Edition; Tata Mac Graw Hill Publication, Ch 11,12,13,15 Human Resource Management – Text and Cases- Dr.S S Khanka, S.Chand Publication, Ch.15 Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3 rd Revised Edition; Himalaya Publishing House, Ch 16
Module 3	Strategic Perspective of Compensation – Aligning compensation strategy with Business strategy, Competency Based Compensation program, Managing Compensation; Compensation as a retention strategy.	Compensation Management-Dr.Kanchan Bhatia, Himalaya Publishing House, Ch.2,3
Module 4	Incentive Plans and Fringe Benefits- Characteristics, benefits and types of Incentive Plans, Profit/Gain Sharing – Concept and issues; Fringe benefits – Concept, need & objectives of fringe benefits, Fringe benefits in India.	Compensation Management-Dr.Kanchan Bhatia, Himalaya Publishing House, Ch.6
Module 5	Statutory Provisions related to Compensation - Payment of Wages Act 1936, Minimum Wages Act 1948, Payment of Bonus Act 1965, Employees State Insurance Act 1948, Employees Provident Fund Act 1952, Payment of Gratuity Act 1972	Compensation Management-Dr.Kanchan Bhatia, Himalaya Publishing House, Ch.10
Other Reference books and sources	1. Essentials of Human Resource Management & Industrial Relations – P Subbarao, 3 rd Revised Edition; Himalaya Publishing House 2. Performance Appraisal and Compensation Management: A Modern Approach, 2nd Edition, Dewakar Goel, Prentice Hall India Learning Private Limited, ISBN-13: 978-8120345652 3. Compensation Management, 2nd Edition, Dipak Kumar Bhattacharya, Oxford University Press, ISBN-13: 978-0199456543 4. Compensation: Special Indian Edition George Milkovich, Jerry Newman & C S Venkatratnam, 9th Edition, McGraw Hill Education, ISBN-13: 978-0070151581	

Semester	III	Course Code	3T1	Type of Course	Elective
Course Name	OM1: LOGISTICS AND SUPPLY CHAIN MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	At the end of the course the student will be able to analyze the business requirement and apply supply chain strategies				
CO2	The student will be able to design effective distribution network for a company.				
CO3	The student shall be able to reduce transportation costs by applying optimization techniques.				
CO4	The student shall be able to map the supply chain requirement as per the resources available by identifying the non value added services within the supply chain.				
CO5	The student will be able to measure the performance of the supply by applying various metrics in different areas				
Detailed Contents				Reference Book, Publisher, Edition, Page No.	
Module 1	Supply Chain Management: Concept, Decision Phases in Supply chain, Supply chain strategies, Drivers of supply chain performance, competitive advantage through supply chain management.			Supply Chain Management, Text and Cases, By V. V. Sople, Pearson Publications, Chapter 1 Supply Chain Management, A Managerial Approach, By Amit Sinha & Herbert Kotzab, McGrawHill Publication, Chapter 2 Supply Chain Management, Text and Cases, By Janat Shah, Pearson Publication, Chapter 2	
Module 2	Supply Chain Network: Factors influencing distribution network design, Design options for			Supply Chain Management, Text and Cases,	

	distribution network, Designing distribution network in various business applications, E-supply chain, and impact of uncertainty on network design.	By Janat Shah, Pearson Publication, Chapter 6
Module 3	Network Optimization: Optimization approach and techniques, Role of transportation in supply chain, factor influencing transport decisions, modes of transportation and selection process Warehousing Management, Reverse Logistics	Supply Chain Management, A Managerial Approach, By Amit Sinha & Herbert Kotzab, McGrawHill Publication, Chapter 9 and 12
Module 4	Procurement and Suppliers Relationship: Procurement overview, Purchase process and purchasing cycle, Supplier Relationship Management, Supplier segmentation and Supplier evaluation	Supply Chain Management, A Managerial Approach, By Amit Sinha & Herbert Kotzab, McGrawHill Publication, Chapter 13
Module 5	SCM Performance Measures: Importance of performance measure, Introduction to SCOR Model, Types of Performance Measures – Productivity Measure, Quality Measure, Customer Service Measure and Cost Measure	Supply Chain Management, Concepts and Cases, By Rahul Altekar, Eastern Economy Edition, Chapter 7
Other Reference books and sources	<ol style="list-style-type: none"> 1. Operations and Supply Chain Management, 8ed, ISV, Russel & Taylor, 8th Edition, Wiley, ISBN-13: 978-8126556823 2. Supply Chain Management, 6th Edition, Sunil Chopra, Peter Meindl & D. V. Kalra, Pearson Education India, ISBN-13: 978-9332548237 3. Supply Chain Management: Strategy, Planning, and Operation, Global Edition, 7th Edition, Sunil Chopra, Pearson Education India, ISBN-13: 978-1292257891 4. Logistics Management, Satish C Ailawadi & Rakesh P Singh, 2d Edition, Prentice Hall India Learning Private Limited, ISBN-13: 978-8120345041 	

Semester	III	Course Code	3T2	Type of Course	Elective
Course Name	OM2: QUALITY TOOLKIT FOR MANAGERS				
Credits	4	Number of hours:		40	

Detailed Course Objectives		
CO1	The student will be able to analyze the dimensions of Quality and apply quality systems for effective quality improvement.	
CO2	The student will be able to select appropriate statistical tools for quality analysis.	
CO3	The student will be able to recommend appropriate SPC tools to improve process quality.	
CO4	The student will be able to set bench marks for the organization and apply TQM tools for quality improvement.	
CO5	The student will be able to apply productivity tools for improving efficiency in the plant.	
Detailed Contents		Reference Book, Publisher, Edition, Page No.
Module 1	Introduction to Quality Concepts: Dimensions of Quality, Cost of Quality, Quality philosophies, Quality systems, contribution of Quality gurus.	Total Quality Management, Text and Cases, By K. Shridhara Bhat, Himalaya Publishing House, Chapter 1 and 3 Quality Management, By Kanishka Bedi, Oxford Chapter 7
Module 2	Quality Assurance and Control – Concepts of Quality Assurance, Objectives, Quality Manual, Specification and Design Control, Process control, inspection and testing, Quality assurance in Services	Quality Management, By Kanishka Bedi, Oxford, Chapter 13
Module 3	Statistical Process Control (SPC): 7 tools of quality, control charts for variable and attributes, control chart techniques, X bar, R bar correlation. Pareto diagrams, cause and effect diagrams scatter diagrams, run charts, histograms, and flow charts.	Production and Operations Management, By K.Aswhathappa and K. Shridhara Bhat, Himalaya Publishing House, Chapter 17 Operations management, Theory and Practice, By. B.Mahadevan, Pearson Publication, Chapter 8
Module 4	TQM tools: TQM Frame work, Benchmarking, benchmarking process, QFD (Quality function	Total Quality Management, Text and Cases,

	Deployment), TPM (Total Productive Maintenance) and FMEA (Failure More and Effects Analysis).	By K. Shridhara Bhat, Himalaya Publishing House Quality Management, By Kanishka Bedi, Oxford Chapter 2
Module 5	Quality Improvement Techniques: KAIZEN, Six Sigma, ISO, 5S, QC, Poka-Yoke, Lean Manufacturing, Service Quality	Production and Operations Management, By R.Paneerselvam, third edition, Eastern Economy Edition, Chapter 20 Operations Management, By B Mahadevan, Pearson Publication, Chapter 5,Page 171
Other Reference books and sources	1. Total Quality Management, 3 rd Editio, Poornima M. Charantimath, Pearson Education, ISBN-13: 978-9332579392 2. Total Quality Management (TQM) 5 th edition, Basterfeild & Urdhwareshe, Pearson Education, ISBN-13: 978-9353066314 3. Quality Management, R. Panneerselvam & P. Sivasankaran, Prentice Hall India Learning Private Limited, ISBN-13: 978-8120349438 4. Total Quality Management, V. Vijayan & H. Ramakrishna, S. Chand Publishing, ISBN-13: 978-9384319557	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	OM3: OPERATIONS RESEARCH				
Credits	4	Number of hours:	40		
Detailed Course Objectives					

CO1	The students will be able to attempt operation related problems by suggesting various operation research tools.
CO2	The students will be able to analyze LPP and Game Problems and find solutions for business decisions.
CO3	The students will be able to analyze and evaluate assignment problems to find solutions.
CO4	The students will be able to analyze and evaluate Transportation problems to optimize costs.
CO5	The students will be able to apply PERT/ CPM tools for optimizing time and cost in project management.
Detailed Contents:	
	Reference Book, Publisher, Edition, Page No.
Module 1	Introduction to Operation Research: Concept of Operation research, Main phases of operation research, Problem solving and decision making. Application of Operation research in Business.
Module 2	Linear Programming & Game Theory: Formulation of Linear Programming problems, graphical method for solution of LPP, Game models, 2 persons, zero sum games and their solutions. Solution of 2 x n and m x 2 games by graphical methods.
Module 3	Assignment: Assumptions and formulation of Assignment problems, Hungarian method, Maximization problems.
Module 4	Transportation: Steps involved in transportation problems, Initial feasible solutions – NWCR, LCM, VAM, Testing degeneracy, testing optimality, MODI method.
Module 5	PERT / CPM: Network rules and network diagrams, calculation of Earliest Start and Finish Times, Latest Start and Finish Times, identification of critical path, and project duration.
	J K Sharma, Operations Research Problems Solution, McMillan Publication, Chapter 1 Operation Research By S. Kalavathy, Fourth Edition, Vikas Publications, Chapter 1
	J K Sharma, Operations Research Problems Solution, McMillan Publication, Chapter 3 and Chapter 16
	J K Sharma, Operations Research Problems Solution, McMillan Publication, Chapter 14
	J K Sharma, Operations Research Problems Solution, McMillan Publication, Chapter 13 Operation Research By S. Kalavathy, Fourth Edition, Vikas Publications, Chapter 8
	J K Sharma, Operations Research Problems Solution, McMillan Publication, Chapter 17 Operation Research By S. Kalavathy, Fourth Edition, Vikas Publications, Chapter 15

Other Reference books and sources	<p>1. Operations Research, 7th Edition, PK Gupta & DS Hira, S Chand ISBN-13: 978-8121902816</p> <p>2. Operations Research—Introduction to Management Science, Kanti Swaroop, PK Gupta, Man Mohan, Sultan Chand and Sons, ISBN-13: 978-9351611011</p> <p>3. Operations Research: An Introduction, 9e Hamdy A Taha, Pearson Education India, ISBN-13: 978-9332518223</p> <p>4. Operations Research: Principles and Applications, 3rd Edition, G. Srinivasan, PHI Learning Private Limited, ISBN-13: 978-8120353107</p>
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Semester	III	Course Code	3T1	Type of Course	Elective
Course Name	BA1: DATA VISUALIZATION FOR MANAGERS				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	The student will be able to identify and use Interactive data visualization software desktop tools and will also be able to create Interactive data visualization software desktop workspace				
CO2	The student will be able to connect data and will also be able to use Interactive data visualization software's File Types effectively.				
CO3	The student will be able to create analytics pane and will also be able to use Sort, Filters, Sets, Groups and Hierarchy functions				
CO4	The student will be able to create calculations to enhance the data visualisation				
CO5	The student will be able to build effective dashboard				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Creating Visual Analytics with Interactive data visualization software Desktop –			Tableau your Data, Daniel G Murray, 2 nd Edition, Wiley Publishing, ISBN-13: 978-	

	Shortcomings of Traditional Information Analysis, Business Case for visual analysis, The Interactive data visualization software Software Ecosystem, Introducing Interactive data visualization software Desktop Workspace	8126573448, Chapter 1
Module 2	Connecting Data – How to connect Data, What are generated values, Use of Data Connection and Data Extract, Joining Database Table with Tableau, Blending different Datasources in single Worksheet, Data Quality Problem	Tableau your Data, Daniel G Murray, 2 nd Edition, Wiley Publishing, ISBN-13: 978-8126573448, Chapter 2
Module 3	Building Visualisation – Fast and Easy Analysis via “Show me”, how “Show Me” works, Trendlines and Reference Lines, Sorting Data in Interactive data visualization software, Enhancing views with Filters, Sets, Groups and Hierarchies	Tableau your Data, Daniel G Murray, 2 nd Edition, Wiley Publishing, ISBN-13: 978-8126573448, Chapter 3
Module 4	Creating Calculations to Enhance Data- Aggregation, Calculated Values and Table Calculations, Using Calculation Dialogue box, Binding Formulas using Table Calculations, Table Calculation Functions, Flexibility to Calculation Parameters, Function Reference appendix	Tableau your Data, Daniel G Murray, 2 nd Edition, Wiley Publishing, ISBN-13: 978-8126573448, Chapter 4
Module 5	Bringing together with Dashboard – Dashboard as facilitator, Interactive data visualization software for improving Dashboard, Right and Wrong Ways to build a Dashboards, Best practices to build Dashboard, Building advanced Dashboard, Sharing Dashboard with Interactive data visualization software Reader and Server, Designing Mobile Consumption, Interactive data visualization software and Load Speed	Tableau your Data, Daniel G Murray, 2 nd Edition, Wiley Publishing, ISBN-13: 978-8126573448, Chapter 8
Other Reference books and sources	<ol style="list-style-type: none"> 1. Tableau 10 Complete Reference: Transform your business with rich data visualizations and interactive dashboards with Tableau 10, Joshua MilliganPackt Publishing Limited, ISBN-13: 978-1789957082 2. Visual Analytics with Tableau, Alexander Loth, John Wiley & Sons, ISBN-13: 978-1119560203 3. Tableau Cookbook - Recipes for Data Visualization, Shweta Sankhe-Savale, Packt Publishing Limited, ISBN-13: 978-1784395513 4. Tableau: Creating Interactive Data Visualizations, Jen Stirrup, Ashutosh Nandeshwar, Ashley Ohmann, Matt Floyd, Packt Publishing Limited, ISBN-13: 978- 1787124196 	

Semester	III	Course Code	3T2	Type of Course	Elective
Course Name	BA2: DATA MINING				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	Given overview of Data Mining and Data pre-processing, the future manager will be able to outline major research challenges of data mining, Kinds of data and applications, Data Cleaning; Data Integration; Data Reduction; Data Transformation and Data Discretization.				
CO2	Given the overview of Data Warehousing, the future manager will be able to classify the Concept of Data Warehousing using Data Cube and OLAP and also able to identify the process of Data Generalisation				
CO3	Given the details pertaining to Pattern Mining, the future manager will be able to evaluate Patterns using colossal patterns, mining compressed or approximate patterns; explore patterns and its applications.				
CO4	Given the details pertaining to Pattern Mining, the future manager will be able to analyse clusters using partitioning method, hierarchical method, density based method and grid based method				
CO5	Given the details pertaining to Pattern Mining, the future manager will be able to correlate the use of data mining to the society and also will be able to explain the trend in data mining.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Data Mining Concept – Introduction, Data Mining Roots, Data Mining Process, Large Data Sets, Data Warehouse for Data Mining, Business Aspect of Data mining, Preparing Data – Representation, Characteristics and Transformation of Raw Data, Missing data, Time Dependent Data, outlier analysis			Data Mining: Concepts Models, Methods and Algorithms, Mehmed Kantardzic, 2 nd Edition, Wiley IEEE, Chapter 1 & 2	
Module 2	Data Reduction – Dimensions of large data sets, feature reduction, relief algorithm, entropy measures for ranking features, PCA, Value Reduction, Feature Discretisation – Chi Merge Technique, case reduction Learning from Data- Learning Machine, SLT, Types of Learning methods, Common Learning Tasks, SVM, kNN-Nearest Neighbour Classifier, Model Selection vs Generalisation, Model Estimation, 90% Accuracy: Why not?			Data Mining: Concepts Models, Methods and Algorithms, Mehmed Kantardzic, 2 nd Edition, Wiley IEEE, Chapter 3&4	

Module 3	Decision Trees and Decision Rules- Decision Trees, C4.5 algorithm-DT, Unknown Attribute Values, Pruning Decision Trees, C4.5-DR, CART algorithm and Gini Index, Limitations of decision tree and decision rules, Artificial Neural Networks – Models of Artificial Neurons, Architecture of ANNs, Learning process, Learning Tasks using ANN, Multilayer Perceptrons(MLPs), Competitive Network and Competitive Learning, SOMs	Data Mining: Concepts Models, Methods and Algorithms, Mehmed Kantardzic, 2 nd Edition, Wiley IEEE, Chapter 6&7
Module 4	Association Rules- Market Basket Analysis, Algorithm Apriori, From frequent itemsets to association rules, Improving efficiency of Apriori Algorithm, EP growth model, Associative Classification Method, Multidimensional Association- Rules Mining	Data Mining: Concepts Models, Methods and Algorithms, Mehmed Kantardzic, 2 nd Edition, Wiley IEEE, Chapter 10
Module 5	Web Mining and Text Mining- Web Mining, Web Content, structure and usage mining, HITS and LOGSOM algorithm, Mining Path Traversal Patterns, Page Rank Algorithm, Text Mining, LSA,	Data Mining: Concepts Models, Methods and Algorithms, Mehmed Kantardzic, 2 nd Edition, Wiley IEEE, Chapter 11
Other Reference books and sources	1. Data Mining Practical Machine Learning Tools and Techniques, 2nd Edition, Elsevier Publication. 2. Introduction to Data Mining (Second Edition), Pearson Publication 3. Data Mining: The Textbook, Springer Publication 4. Mining of Massive Data, Second Edition, Cambridge University Press 5. https://towardsdatascience.com *Open Source BA tools like OrientDB, MongoDB, NoSQL, Trifacta Rapidminer etc should be used to elaborate the contents above.	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	BA3: DATA SCIENCE USING R				
Credits	4	Number of hours:	40		
Detailed Course Objectives					

CO1	Given overview of types of Data, the future manager will be able to read data from different files and create matrices and data frames using R
CO2	Given the overview of functions, subset and loop; the future manager will be able to explain the character functions, date function, package, control statement and do loop.
CO3	Given the basic statistical data, the future manager will be able to draw charts, histogram and plots, and measure central tendencies.
CO4	Given the data for testing of hypothesis, the future manager will be able to test the hypothesis by applying t-test, ANOVA and Chi-square test
CO5	Given the data of variables, the future manager will be able to apply Linear Regression, Logistic regression, Cluster Analysis, Time Series, Decision Tree and Random Forest
Detailed Contents:	
	Reference Book, Publisher, Edition, Page No.
Module 1	Basic fundamentals, installation and use of software, data editing, use of R as a calculator, functions and assignments, Use of R as a calculator, functions and matrix operations, missing data and logical operators.
	Introduction to Statistics and Data Analysis - With Exercises, Solutions and Applications in R By Christian Heumann, Michael Schomaker and Shalabh, Springer, 2016 Appendix A https://swayam.gov.in/nd1_noc19_ma33/prview
Module 2	Conditional executions and loops, data management with sequences, Data management with repeats, sorting, ordering, and lists
	Introduction to Statistics and Data Analysis - With Exercises, Solutions and Applications in R By Christian Heumann, Michael Schomaker and Shalabh, Springer, 2016 Appendix A https://swayam.gov.in/nd1_noc19_ma33/prview
Module 3	Data management with repeats, sorting, ordering, and lists, Vector indexing, factors, Data management with strings, display and formatting
	Introduction to Statistics and Data Analysis - With Exercises, Solutions and Applications in R By Christian Heumann, Michael Schomaker and Shalabh, Springer, 2016

		Appendix A https://swayam.gov.in/nd1_noc19_ma33/preview
Module 4	Data management with display paste, split, find and replacement, manipulations with alphabets, evaluation of strings, data frames, Data frames, import of external data in various file formats, statistical functions, compilation of data.	Introduction to Statistics and Data Analysis - With Exercises, Solutions and Applications in R By Christian Heumann, Michael Schomaker and Shalabh, Springer, 2016 Appendix A https://swayam.gov.in/nd1_noc19_ma33/preview
Module 5	Graphics and plots, statistical functions for central tendency, variation, skewness and kurtosis, handling of bivarite data through graphics, correlations, programming and illustration with examples,	Introduction to Statistics and Data Analysis - With Exercises, Solutions and Applications in R By Christian Heumann, Michael Schomaker and Shalabh, Springer, 2016 Appendix A https://swayam.gov.in/nd1_noc19_ma33/preview
Other Reference books and sources	<ol style="list-style-type: none"> 1. Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data by EMC Education Services (2015) 2. Data Mining for Business Intelligence: Concepts, Techniques, and Applications in Microsoft Office Excel with XLMiner by Shmueli, G., Patel, N. R., & Bruce, P. C. (2010) 3. Data Analytics Using R, Seema Acharya, McGraw Hill Education, ISBN-13: 978-9352605248 4. R for Everyone: Advanced Analytics and Graphics, 2nd Edition, Jared P. Lander, Pearson Education, ISBN-13: 978-9386873521 	

Semester	III	Course Code	3T1	Type of Course	Elective
Course Name	ED1: ENTREPRENEURIAL THEORY AND PRACTICES				

Credits	4	Number of hours:	40
Detailed Course Objectives			
CO1	On completion of module, the student will be able understand the concept of entrepreneurship and what entrepreneurs do. They will also be able to relate the work of few prominent Indian entrepreneurs with the learned concept and compare the work of a manager with that of an entrepreneur.		
CO2	On completing this module, the student will learn how entrepreneurship evolved from its earlier disorganized form to the current Government supported form. They will also be able to justify the role of EDPs in growth of entrepreneurship.		
CO3	Upon studying this module, the students will be able to explain the theories of entrepreneurship and also how the entrepreneurial knowledge gained can be applied to developing entrepreneurial ventures in different economic sectors in India.		
CO4	On properly studying this module, the student will be able to examine the impact of different financial aspects on entrepreneurship and can evaluate his/her own ability to set up a small scale venture.		
CO5	On studying this module, the student will be able to create a mental map of the network of Government support system and various institutions purposely designed and set up, at national, state and district level, for assisting entrepreneurial ventures.		
Detailed Contents:			Reference Book, Publisher, Edition, Page No.
Module 1	Evolution of the concept of entrepreneurship. The entrepreneur: characteristics and functions, types of entrepreneurs, distinction between manager and an entrepreneur. Intrapreneur: concept, characteristics, barriers, intrapreneurial climate and culture. Factors contributing to entrepreneurship development. Theories of entrepreneurship. Indian entrepreneurs and their ventures (cases).		<ol style="list-style-type: none"> 1. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016. 2. Entrepreneur Development, Satish Taneja, Himalaya Publishing House, 2010, pages 64-75. 3. Dynamics of entrepreneurial development and management, Vasant Desai, Himalaya Publishing House, pages 54-66.
Module 2	Post-independence growth of entrepreneurship in India, role of entrepreneurship in economic development. Entrepreneurship development programmes: objectives, phases, evaluation and problems of EDPs. Entrepreneurial competencies: meaning, major competencies and developing competencies.		<ol style="list-style-type: none"> 1. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016, pages 36-50, 214-246.
Module 3	Theory of achievement motivation, Prof. David McClelland's contribution, Kakinada experiment. Women entrepreneurship in India, problems of women entrepreneurship. Rural entrepreneurship in India and its importance, problems of rural entrepreneurship. Entrepreneurship in various sectors: tourism, agriculture and social. Micro and small scale enterprises.		<ol style="list-style-type: none"> 1. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016, pages 36-132. 2. Small scale industries & entrepreneurship, Vasant Desai, Himalaya Publishing House, pages 3-55.

Module 4	Steps for starting a small scale industry, ownership pattern. Financial analysis: Ratio analysis, investment process, break-even analysis, profitability analysis, budget and planning process. Sources of finance: development finance, project financing.	1. Dynamics of entrepreneurial development and management, Vasant Desai, Himalaya Publishing House, Page 626-644, 303-395 and 423-504. 2. Small scale industries & entrepreneurship, Vasant Desai, Himalaya Publishing House, pages 101-117.
Module 5	Entrepreneurial support systems: Institutional finance to entrepreneurs (various institutions), institutional support to entrepreneurs (various institutions), lease and hire purchase, benefits in taxation to entrepreneurs, Government policy and support to SSI. Sickness in small scale industries.	1. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016, Page 379-441. 2. Dynamics of entrepreneurial development and management, Vasant Desai, Himalaya Publishing House, Page 707-721.
Other Reference books and sources	1. Entrepreneurship: A South-Asian Perspective, Kuratko, T.V. Rao, Cengage Learning, 2012. 2. Entrepreneurship Development, Satish Taneja, Himalaya Publishing House, 2012. 3. Essentials of Entrepreneurship and Small Business Management, Scarborough & Cornwall, Pearson, 2016. 4. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016	

Semester	III	Course Code	3T2	Type of Course	Elective
Course Name	ED2: BUSINESS PLAN FORMULATION				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	On completion of module, the student will be able understand the concept and importance of a business plan in entrepreneurship. They will also be able to explain the elements of a good business plan, in order to be effective.				

CO2	On studying this module, the students will be able to classify projects into categories and will also be able to formulate a basic business plan (project).
CO3	Upon going through this module, students will be in a position to understand how to develop ideas for a business project. They will also be able to assess the role of environment on different economic sectors and opportunities in India.
CO4	On properly studying this module, the student will be able to examine the importance of project appraisal and can evaluate the different parameters that contribute to feasibility of a business project.
CO5	Detailed study of this module will enable students to formulate steps in starting a small enterprise and visualise a model of small business. They will be able to relate the project to various permissions required for entrepreneurial ventures.
Detailed Contents:	
	Reference Book, Publisher, Edition, Page No.
Module 1	Business plan: meaning and significance of a business plan, major contents, formulation of a business Plan, common mistakes in business plan.
	1. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016, pages 303-316. 2. Entrepreneurship: A South-Asian Perspective, Kuratko, T.V. Rao, Cengage Learning, 2012, pages 335-360.
Module 2	Project: classification, project cycle, phases. Project identification. Project formulation.
	1. Dynamics of entrepreneurial development and management, Vasant Desai, Himalaya Publishing House, Page 212-253,
Module 3	Project ideas: entrepreneurial environment scanning, identification of opportunities, selecting a product, network analysis, project report.
	1. Small scale industries & entrepreneurship, Vasant Desai, Himalaya Publishing House, pages 374-405. 2. Small scale industries & entrepreneurship, Vasant Desai, Himalaya Publishing House, pages 254-274
Module 4	Project appraisal: meaning and concept, methods of project appraisal, project feasibility analysis, sample feasibility report.
	1. Entrepreneur Development, Satish Taneja, Himalaya Publishing House, 2010, pages 93-

		102. 2. Entrepreneurial Development, S.S. Khanka, S. Chand & Co., 2016, pages 321-333.
Module 5	Steps in starting a small enterprise, whom to approach for what, sample project profile.. Osterwalder's business model canvas.	1. Small scale industries & entrepreneurship, Vasant Desai, Himalaya Publishing House, pages 407-420. 2. Essentials of Entrepreneurship and Small Business Management, Scarborough & Cornwall, Pearson, 2016, pages 150-157.
Other Reference books and sources	1. Entrepreneurship Development and Small Business Enterprises, 2e, Poornima M Charantimath, Pearson Education India, ISBN-13: 978-8131762264 2. Project Management, Vasant Desai Himalaya Publications, ISBN-13: 978-9351420378 3. Entrepreneur 5 P.M. to 9 A.M.: Launching a Profitable Start-Up, Kanth Miriyala, Reethika Sunder, Rupa Publications India; First edition ISBN-13: 978-8129123930 4.	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	ED3: SOCIAL ENTREPRENEURSHIP				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	Under given circumstances the Learner shall identify the motivating factors and success factors of a Social enterprise.				
CO2	In context of the Indian Society, the learner shall enlist the socio economic challenges and identify the Opportunities for creation of a Social				

	Enterprise	
CO3	Under exemplified conditions the Learner shall be able to discover the business models of Social Entrepreneurship.	
CO4	Under different circumstances the learner will be able to select an appropriate form of Social enterprise.	
CO5	Given the case the learner shall be able to interpret the business model and illustrate the reasons for success of a social enterprise.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Concept of Social Enterprise, Purpose, Motivation, Characteristics of Social Entrepreneurs, Success Factors of Social Enterprise	ENTERPRISING NONPROFITS: A TOOLKIT FOR SOCIAL ENTREPRENEURS -J. Gregory Dees,, Jed Emerson, and Peter Economy, John Wiley & Sons, 2001, Chapter 1
Module 2	Social Entrepreneurship: Socio-Economic Issues ad challenges in Indian Context, Concept of Sustainability, Sustainable Development Goals , Opportunity Recognition in Social Enterprise	Entrepreneurship in the Social Sector, Jane Wei-Skillern, James Austin, Herman Leonard and Howard Stevenson,Sage Publications, 2007
Module 3	Social Entrepreneurship Business Models: Profit-Purpose Tension (PPT), Profit-Purpose Alignment (PPA) and Philanthropic; Business Model Innovation	Entrepreneurship in the Social Sector, Jane Wei-Skillern, James Austin, Herman Leonard and Howard, Stevenson, Sage Publications, 2007
Module 4	Forms of Social Enterprise: Profit and non-profit Proprietorships, Partnership , company ,Non-Governmental organisation - Society – Trust and Company (sec. 25) registration, Selection of forms of Social Enterprise	ENTERPRISING NONPROFITS: A TOOLKIT FOR SOCIAL ENTREPRENEURS -J. Gregory Dees,, Jed Emerson, and Peter Economy, John Wiley & Sons, 2001
Module 5	Case Studies in Social Entrepreneurship: 1. Micro Finance: A Case of Grameen Bank, Bangladesh; 2. Population Services International, the US-based NGO's War on AIDS: Making the Marketing Mix, the Myanmar Way;	Case Studies on Social Entrepreneurship – Vol. I, ICFAI Books ,Edited by Girija P ICFAI Business School Case Development Centre,ISBN : 978-81-314-1912-0

	3. Aravind Eye Hospitals: A Case in Social Entrepreneurship	
Other Reference books and sources	1. The Social Entrepreneur's Playbook, Expanded Edition: Pressure Test, Plan, Launch and Scale Your Social Enterprise, Ian C. MacMillan, James D. Thompson, Wharton Digital Press, ISBN-13: 978-1613630327 2. Strategic Tools for Social Entrepreneurs: Enhancing the Performance of Your Enterprising Nonprofit, J. Gregory Dees, Jed Emerson, and Peter Economy, John Wiley & Sons, 2 nd Edition, ISBN-13: 978-0471150688 3. Social Entrepreneurship: The Art of Mission-Based Venture Development, Peter C. Brinckerhoff, John Wiley & Sons; ISBN-13: 978-0471362821	

Semester	III	Course Code	3T1	Type of Course	Elective
Course Name	IB1: INTERNATIONAL MARKETING MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	At the end of the course the student shall be able to differentiate between domestic marketing and international marketing and understand clearly features of International Marketing.				
CO2	At the end of the course the student shall be able to plan, explain and practice various procedures in International marketing.				
CO3	At the end of the course the student manager shall be able to design and develop Global Product Policy decisions.				
CO4	At the end of the course the student manager shall be able to design/develop strategies for International Service Sector Marketing				
CO5	At the end of the course the student manager shall be able to design/develop functional level strategies for Global Branding.				
Detailed Contents:				Reference Book, Publisher, Edition, Page	

		No.
Module 1	Introduction of International Marketing - Definition, Features of International Marketing, Basis of International Marketing, Trends in International Marketing, Issues in transcending International Boundaries, Intellectual Property Protections.	International Marketing (An Asia Pacific Focus) Wiley India Pvt Ltd ISBN 978-81265,-1848-7-
Module 2	Planning for International Marketing - Introduction, Global Marketing a Need of the Day, International Marketing Plan, Mode of Payment, Methods of Payment on Import, Consignment Purchase, Cash in Advance (Pre-payment), Down Payment, Open Payment, Documentary Collections, Letter of Credit	International Marketing (An Asia Pacific Focus) Wiley India Pvt Ltd ISBN 978-81265,-1848-7-
Module 3	International Marketing Mix - Identification of Market, Consumer Index , Global Product policy Decisions, promotion, pricing, distribution strategy	International Marketing (An Asia Pacific Focus) Wiley India Pvt Ltd ISBN 978-81265,-1848-7-
Module 4	International Service Sector Marketing – Introduction, GATS Principles, Standardization of International Services, Service Quality, Measurement of Service Quality, International Direct Marketing & Social Media Marketing	International Marketing (An Asia Pacific Focus) Wiley India Pvt Ltd ISBN 978-81265,-1848-7-
Module 5	Global Branding - Attributes, Benefits, Values, Culture, Personality, User, Global Brand Development, Implication of Brand Equity concept, Global Branding opportunities and challenges.	International Marketing (An Asia Pacific Focus) Wiley India Pvt Ltd ISBN 978-81265,-1848-7-
Other Reference books and sources	1. International Marketing, 2 nd Edition, Rakesh Mohan Joshi, Oxford University Press ISBN-13: 978-0198077022 2. International Marketing, 4 th Edition, R. Srinivasan, PHI Learning, ISBN-13: 978-8120352384 3. Global Marketing Management, 8e, Warren J Keegan, Pearson Education, ISBN-13: 978-9332584327 4. International Marketing Management, Subhash Jain, CBS; 3 edition, ISBN-13: 978-8123912752	

Semester	III	Course Code	3T2	Type of Course	Elective
Course	IB2: EXPORT DOCUMENTATION AND PROCEDURES				

Name			
Credits	4	Number of hours:	40
Detailed Course Objectives			
CO1	Students should be able to understand various preliminaries for exports and IEC codes and should be able to analyze functions of export marketing organizations and trading houses.		
CO2	Students should be able to understand various preliminaries of import and should be able to perceive concepts involved in import documentation and procedures.		
CO3	Students should be able to relate the concepts with selection of products and markets for exports as well as examine the pricing and payment methods in exports		
CO4	Students should be able to understand and elaborate various concepts in Export documentation, export procedures and contracts.		
CO5	Students should be able to perceive the procedures and intricacies of excise clearance and should be able to understand various shipment and post-shipment formalities		
Detailed Contents:			Reference Book, Publisher, Edition, Page No.
Module 1	Classification of goods for exports, methods of exporting, Export Marketing organizations in India and their functions, trading houses, registration formalities, IEC code : procedure and exemptions, export license		Jain Khushpat, Export Import Procedures and documentation, Himalaya Publishing House Chapter 1 & 2
Module 2	Preliminaries of Import, Import documentation; Transport documents, bill of entry, airway bill, certificate of inspection & measurement, freight declaration. Import procedures		Jain Khushpat, Export Import Procedures and documentation, Himalaya Publishing House Chapter 5, 7 and 12
Module 3	Selection of Products and markets for exports : FPS, FMS, Export pricing strategies, Export price quotations, Components of export price: FOB & CFR price, Methods of export payment, Letter of credit		Jain Khushpat, Export Import Procedures and documentation, Himalaya Publishing House Chapter 3 & 4

Module 4	Export Documentation: ADS, Export documentation in India and various documents. Export procedures : pre-shipment , shipment and post shipment procedures, Export contract	Jain Khushpat, Export Import Procedures and documentation, Himalaya Publishing House Chapter 6 & 8
Module 5	Excise clearance and quality inspection: procedure for central excise clearance for exportable goods, pre-shipment inspection & its procedure, marine insurance, role of C&F agents, shipping and customs formalities and various procedures in exports shipping	Jain Khushpat, Export Import Procedures and documentation, Himalaya Publishing House Chapter 10 & 11
Other Reference books and sources	1. Export Import Procedures - Documentation and Logistics, C. Rama Gopal, NEW AGE; First edition, ISBN-13: 978-8122418507 2. IBO-4 Export Import Procedures and Documentation, Sudhir Kochhar, Gullybaba Publishing House (P) Ltd; 1 edition (2012), ISBN-13: 978-9381066560 3. Export Management, D.C. Kapoor, Vikas Publication.; First edition (2002), ISBN-13: 978-8125909392 4. Export Import Management, Parul Gupta, McGraw Hill Education; First edition, ISBN-13: 978-9387067592	

Semester	III	Course Code	3T3	Type of Course	Elective
Course Name	IB3: INTERNATIONAL FINANCE				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	Students Should be able to perceive various concepts involved in International Monetary system and various concepts like international liquidity and SDR				
CO2	Students should be able to understand methods of exchange rate determination , understand working of foreign exchange market and relate these concepts with existing scenario in India				
CO3	Students should be able to understand and analyze currency contracts and options. They should be able to examine risks involved in foreign trade and ways to manage the risks.				
CO4	Students should be able to understand management of short term finance in Multinational corporations and international financing decisions including funding and borrowing decisions				

CO5	Students should be able to understand and analyze various concepts like BOP, transfer pricing , structure of International banking and standards of international accounting	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Challenges of International Finance, International Monetary system, International Monetary Fund (IMF), International Liquidity and Special Drawing Rights (SDR)	Apte Prakash G., International Finance, Tata McGraw Hill Ch1
Module 2	Structural Models of Exchange rate determination, Exchange rate of Indian Rupee, Structure of Foreign exchange market, currency trading, exchange rate quotations and arbitrage, forward contracts, Exchange rate regimes and foreign exchange market in India	Apte Prakash G., International Finance, Tata McGraw Hill Ch 2 & 3
Module 3	Currency Future Contracts, Currency Options, valuation of options, Defining and managing Financial exposure and risk, risk management process, coping with operating exposure	Apte Prakash G., International Finance, Tata McGraw Hill Ch 4, 5 & 6
Module 4	Short term Financial management in Multinational Corporation, International Financial decision, Funding and borrowing options, Sourcing equity globally	Apte Prakash G., International Finance, Tata McGraw Hill Ch 7 & 8
Module 5	Balance of Payments, Transfer Pricing, Export financing in India, International Banking and International Accounting	Shailaja G. , International Finance, University Press India P. Ltd Ch.9, 15, 18, 19 and 20
Other Reference books and sources	1. International Finance, 1/e, Rajiv Srivastava, Oxford University Press, ISBN-13: 978-0199453597 2. International Finance: Theory and Policy, Paul R. Krugman , Maurice Obstfeld, & Marc Melitz, 10 th Edition, Pearson Education, ISBN-13: 978-9332585775 3. International Financial Management, Alan C. Shapiro, Peter Moles & Jayanta Kumar Seal, Wiley (2016), ISBN-13: 978-8126558728 4. Foreign Exchange – Practice, Concept and Control, C. Jeevanandam, Sultan Chand and Sons Publication, ISBN – 81-8054-717-1	

Semester	II	Course Code	3T8	Type of Course	Core
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Course Name	STRATEGIC MANAGEMENT		
Credits	3	Number of 1 hour lectures:	30
Detailed Course Objectives			
CO1	The student will be able to evaluate alternative paradigms of strategy and their influence on strategic decision making.		
CO2	The student will be able to analyse and develop the vision and mission statement for given organisations and will also be able to differentiate between the external and internal components of environment while performing SWOT analysis.		
CO3	The student will be able to design and develop corporate level strategies for any organization.		
CO4	The student will be able to design/develop business level strategies for any organization.		
CO5	The student will be able to evaluate all levels strategies and will also be design/develop functional level strategies for any organization.		
Detailed Contents:		Reference Book, Publisher, Edition, Page No.	
Module 1	Introduction to Strategic Management and Business Policy – Evolution of strategic management and business policy, understanding strategy, strategic decision making, schools of thought of strategy formation, introduction to strategy management		Strategic Management and Business Policy, Azhar Kazmi, 3 rd edition, McGraw Hill Education, Chapter 1
Module 2	Strategic Intent and Strategy Formulation- Vision, Mission and Values, Organisational Values and their impact on strategy, preparation of vision and mission statement, organisational objectives, Environmental Appraisal, Concept of environment, SWOT Analysis, Environmental Sectors, Environmental Scanning		Strategic Management – Concept and Cases, Upendra Kachru, Excel Books, Chapter 2 Strategic Management and Business Policy, Azhar Kazmi, 3 rd edition, McGraw Hill Education, Chapter 3
Module 3	Corporate Level Strategies – Strategy formulation, Growth Strategy, Corporate Parenting, Portfolio and other analytical models, short term corporate strategies.		Strategic Management – Concept and Cases, Upendra Kachru, Excel Books, Chapter 7

Module 4	Competitive Strategy/ Business Level Strategy- Porter's competitive strategies, Resource based theory, Competing for tomorrow's market.	Strategic Management – Concept and Cases, Upendra Kachru, Excel Books, Chapter 8
Module 5	Functional and Operational Implementation – Functional Strategy, Financial Plans and Policies, Marketing Plans and Policies, Personnel Plans and Policies, Operational Plans and Policies , Strategy Evaluation and Selection Techniques – Evaluation of Strategy, Assessing suitability, Life Cycle Analysis, Positioning, Value Chain Analysis, Business Profile, Gap Analysis	Strategic Management – Concept and Cases, Upendra Kachru, Excel Books, Chapter 9 (page no. 340-347) Strategic Management and Business Policy, Azhar Kazmi, 3 rd edition, McGraw Hill Education, Chapter 13 (13.1, 13.3,13.4,13.5,13.6)
Other Reference books and sources	1. Strategic Planning & Formulation of Corporate Strategy, V S Ramaswami, S Namaumari, Publication - Macmillan, India. 2. Strategic Management, 9 th Edition – John A Pearce II, Richard B Robinson, Jr Publication-Tata McGraw- Hill Publishing Company Limited, New Delhi. 3. Crafting & Executive Strategy -14 th edition, Arthur A. Thompson Jr, A. J. Strickland III, Publication-Tata McGraw- Hill Publishing Company Limited, New Delhi. 4. Management Policy & Strategic Management – R. M. Srivastava Publication – Himalaya Publishing House.	

SEMESTER – IV

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	MM4: RETAIL SALES MANAGEMENT AND SERVICES MARKETING				
Credits	4	Number of hours:		40	
Detailed Course Objectives					
CO1	On completion of this module the students will be able to utilise the knowledge gained on Retail Industry and the existing retail environment. The student will also be able to plan their retail business as future manager by applying retail segmentation.				

CO2	On completing this module, the students will be able to take part in the decisions involved in running a retail firm. They will also be able to form their own opinion on various retail formats and recommend strategies for retail planning.
CO3	On completing this module, the students will be able to draw relationship between retail merchandising, marketing communication, CRM and retail success. They will also be in a position to predict impact of changing trends in Indian market scenario on retail business.
CO4	On completion of this module, the students will be able to analyse concepts, functions, and techniques of the craft of service marketing services and will also be able to identify critical issues in service design & delivery. As future managers they will also be able to adapt a particular model of service marketing to a firm they work with.
CO5	On completing this module, the students will be able to examine the application of integrated marketing communication (IMC) to retail business and develop an effective service marketing system for retail business. Students will also be in a position to recommend ethical rules for conduct of retail business in India.
Detailed Contents:	
	Reference Book, Publisher, Edition, Page No.
Module 1	<i>Introduction to Retailing:</i> Introduction, Meaning of Retailing, Economic Significance of Retailing, Retailing Management Decision Process, Product Retailing vs. Service Retailing, Types of Retailers, Retailing Environment, Indian vs. Global Scenario <i>Retail Marketing Environment-</i> In Elements in a Retail Marketing Environment, Environmental Issues <i>The Retail Marketing Segmentation:</i> Segmentation in Retail, Targeted Marketing Efforts, Criteria for Effective Segmentation, Dimensions of Segmentation, Positioning Decisions
Module 2	Store Location and Layout: Introduction, Types of Retail Stores Location, Factors Affecting Retail Location Decisions, Country/Region Analysis, Trade Area Analysis, Site Evaluation, Site Selection, Location Based Retail Strategies Retail Marketing Strategies: Introduction, Target Market and Retail Format, Strategy at different levels of Business, Building a Sustainable Competitive Advantage, the Strategic Retail Planning Process, Retail Models, Retail “EST” model ,the Strategic Retail Planning Process, Differentiation Strategies, Positioning Decisions
Module 3	Retail Merchandising: Introduction, Understanding Merchandising Management, Activities of a Merchandiser, Retail Merchandising Management Process Private Branding in Retail-Introduction, Difference between a Store/Private, Brand and a National Brand, Growth Drivers of Private Label, Global Scenario of Private Labels, Indian Market Scenario, Advantages of Private Label, Disadvantages of Private Label Integrated Marketing Communication in Retail, Customer Relationship Management in Retailing-Components of CRM, CRM and Loyalty Program, Technology in Retail Marketing Decisions
Module 4	Services Marketing Introduction, concept and evolution of services marketing, meaning of service marketing, myths encountered in services, need for service marketing, and growth in Services Marketing. Services Marketing Mix and Gaps Model Introduction, 7Ps of service marketing, service
	Swapna Pradhan, RETAILING MANAGEMENT TEXT & CASES , Tata McGraw Hill Companies.3-50 Swapna Pradhan, RETAILING MANAGEMENT TEXT & CASES , Tata McGraw Hill Companies, 85-145 Swapna Pradhan, RETAILING MANAGEMENT TEXT & CASES , Tata McGraw Hill Companies., 167-238, 341-360 Retail Management , Barry Berman & Joel R Evans, 405-595 Service Marketing ,S MJha pg no – 1-79.,633-713

	gaps framework, perceived service quality, models of service marketing. Service Design and Service Delivery Introduction, Service delivery process	
Module 5	Integrated Services Marketing: Introduction, meaning and Importance, Features of Integrated Service Marketing, Integrated Marketing Communication for Service, Reasons for growing importance of integrated marketing communication, Advantages of integrated marketing communication, Integrated Service Marketing Mix, Developing an effective and efficient service marketing system, Integration of service quality measures and managing quality Emerging Issues in Service Marketing , Service Marketing Research for Global Markets and Rural Markets, Innovations in Services Marketing, Ethical Aspects in Service Marketing	Service Marketing , Valarie Azeuthaml, Dwayne, Mary Bitner & Ajay Pandit pg no-495-562,
Other Reference books and sources	1. Retailing Management, Michael Levy, Barton Weitz, Dhruv Grewal, McGraw-Hill Education; 10 edition, ISBN-13: 978-1260084764 2. Retail Marketing Management, David Gilbert, Pearson Education; 2 edition, ISBN-13: 978-8177588255 3. Retail Management, Barry Berman Joel R Evans, Patrali Chatterjee, Ritu Srivastava, Pearson Education; Thirteenth edition, ISBN-13: 978-9332587694 4. Services Marketing, Rajendra Nargundkar, McGraw Hill Education; 3 edition, ISBN-13: 978-0070682122	

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	FM4: MANAGING BANKS AND FINANCIAL INSTITUTIONS				
Credits	4	Number of hours:		40	
Detailed Course Objectives					
CO1	The student will be able to identify role of banking in economic development of country.				
CO2	The student will be able to assess the impact of monetary policy and its instruments on banking sector				

CO3	The student will be able to analyse the health and risk of bank balance sheet and will also be able to appraise credit management parameters of a bank
CO4	The student will be able to identify the NPAs and will also be able to appraise the process of securitisation.
CO5	The student will be able to distinguish the utility of various non banking institutions like insurance, housing finance and credit rating
Detailed Contents:	
	Reference Book, Publisher, Edition, Page No.
Module 1	Nature and role of Financial System- Structure of Financial System, Financial System and Economic Development, Indian Financial System – The Banking System.
Module 2	The Reserve Bank of India – Monetary Policy of RBI
Module 3	Commercial Banks and Functions of Commercial Banks , Liabilities of Bank, Credit Management
Module 4	Banking Innovations, NPAs, and Securitisation
Module 5	Non Banking Financial Institutions and Services: Life Insurance, General Insurance, Housing Finance, Credit Rating
	Banks and Institutional Management – A new orientation, 2 nd Edition, Vasant Desai, Himalaya Publishing house, ISBN -978-93-5024-093-9, Chapter 2,4&5
	Banks and Institutional Management – A new orientation, 2 nd Edition, Vasant Desai, Himalaya Publishing house, ISBN -978-93-5024-093-9, Chapter 7&8
	Banks and Institutional Management – A new orientation, 2 nd Edition, Vasant Desai, Himalaya Publishing house, ISBN -978-93-5024-093-9, Chapter 9,10,11&12
	Banks and Institutional Management – A new orientation, 2 nd Edition, Vasant Desai, Himalaya Publishing house, ISBN -978-93-5024-093-9, Chapter 13,14&15
	Banks and Institutional Management – A new orientation, 2 nd Edition, Vasant Desai,

		Himalaya Publishing house, ISBN -978-93-5024-093-9, Chapter 18,19,23&28
Other Reference books and sources	1. Bank Financial Management, IIBF, Macmillan Education India (2018), ISBN-13: 978-9387000650 2. Advance Bank Management, IIBF, Macmillan Education India (2018), ISBN-13: 978-9387000643 3. Bank Management and Financial Services(Indian Edition), Peter Rose & Sylvia Hudgins, 8 th Edition, McGraw Hill Education, ISBN-13: 978-9339204815 4. Principles And Practice Of Bank Management, 2nd Revised Ediion, Dr. P. Subba Rao & Dr. Promod Kumar Khanna , Himalaya Publishing House, ISBN-13: 978-9350241073	

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	HRM4: TEAM DYNAMICS				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	Students should be able to justify the applicability of various theories of Motivation in given situation and appraise the role of motivation in Team Behavior				
CO2	Students should be able to determine the importance of Interpersonal Communication and application of FIRO-B and Johari Window.				
CO3	Student should be able to explain the various steps of Group Formation and types of team				
CO4	In a given situation, Students should be able to justify the Conflict resolution strategy.				
CO5	Students should be able to apply various OD Intervention tools under given situation.				
Detailed Contents:				Reference Book, Publisher, Edition, Page	

		No.
Module 1	Motivation- Concepts, Theories of Maslow, Herzberg, Application of Motivation concept, Intrinsic and Extrinsic Motivation, Role of Motivation in Team Behavior.	Organisational Behavior – Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, Ch - 6,7,11
Module 2	Interpersonal Communication- Meaning and Importance of Interpersonal Communication, Transactional Analysis; Discovering the interpersonal orientation through FIRO-B ,Discovering facets of interpersonal trust through Johari window, communication skills, Negotiation skills	Organisational Behaviour - Dr. S S Khanka – S.Chand Publication, Ch 11 Organisational Behavior – Stephen Robbins; Timothy Judge, Ch 11, 28 Seema Sanghi; Pearson Prentice Hall Publication, Ch.2 Web site reference: https://www.themyersbriggs.com/en-US/Products-and-Services/FIRO
Module 3	Group and Team Decision making-Concept of Group and Team, synergy of Team work ; Social loafing; Stage of Group Formation, Types of Team, Team Processes, Team Decision making; team morale	Organisational Behavior – Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, Ch 9, 10 Organisational Behaviour - Dr. S S Khanka – S.Chand Publication, Ch 15, 16
Module 4	Conflict Management- Meaning of Conflict , Types of conflict; Levels of Conflict; conflict resolution in teams, competitive vs collaborative behavior, developing collaboration	Organisational Behavior – Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall Publication, Ch 15 Organisational Behaviour - Dr. S S Khanka – S.Chand Publication, Ch 17
Module 5	Strategies for Team building and OD- Concept of OD; Process of OD; OD Interventions; Experiential learning methodologies-T- group sensitivity training, encounter groups, appreciative enquiry	Organisational Behaviour - Dr. S S Khanka – S.Chand Publication, Ch 28 Organisational Behavior – Stephen Robbins; Timothy Judge, Seema Sanghi; Pearson Prentice Hall

		Publication Ch 19
Other Reference books and sources	1. Group Dynamics for Teams, Daniel J. Levi, SAGE Publications, Inc; Fifth edition, ISBN-13: 978-1483378343 2. ORGANISATIONAL BEHAVIOUR: Text & Cases, Uma Sekaran, McGraw Hill Education; 2 edition, ISBN-13: 978-0070581906 3. Essentials of Organizational Behavior, 13e, Stephen P. Robbins & Timothy A. Judge, Pearson Education, ISBN-13: 978-9332587984 4. Organisational Behaviour, Neeru Vashishtha, Taxmann Publications Private Limited, ISBN-13: 978-8171949991	

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	OM4: SALES AND OPERATIONS PLANNING				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	At the end of the course the student will be able to develop short term, medium term and long term forecasting needs in the organization.				
CO2	The student will be able to apply forecasting models for forecasting.				
CO3	The student will be able to develop aggregate planning by applying aggregate strategies.				
CO4	The student will be able to plan MPS and calculate bill of materials and MRP for production plan.				
CO5	The students will be able to plan distribution of finished goods taking into consideration various inputs and constraints.				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Need for Operations planning and control, Forecasting – Need for forecasting, Time horizons			Operations Management, Theory and Practice, By B. Mahadevan, Pearson	

	of forecasting – Short term, Medium term and Long term, Stages of forecasting, Sources of data	Publications, Chapter 13
Module 2	Models of Forecasting – Time Series, Moving Averages, Causal Methods and Econometric Model	Operations Management, Theory and Practice, By B. Mahadevan, Pearson Publications, Chapter 13
Module 3	Aggregate Planning – Need for Aggregate Production planning, Capacity adjustments, Basic Strategies, Level and Chase Strategies	Operations Management, Theory and Practice, By B. Mahadevan, Pearson Publications, Chapter 14
Module 4	MPS and MRP – Concepts of MPS and MRP, Bill of Materials, Capacity requirement planning, Relation between MPS,CRP and MRP	Operations Management, Theory and Practice, By B. Mahadevan, Pearson Publications, Chapter 15
Module 5	Distribution Planning – Sales Orders, Lead time considerations, Inventory analysis and distribution planning, Use of ERP	Operations Management, Theory and Practice, By B. Mahadevan, Pearson Publication, Chapter 12s
Other Reference books and sources	1. Sales and Operations Planning, 3 rd Edition, T.F. Wallace, Robert A Stahl, T.F. Wallace; Third edition, ISBN-13: 978-8184047394 2. Operations Management : Theory and Pract, B. Mahadeva, Pearson Education India; Third edition, ISBN-13: 978-9332547520 3. Operations and Supply Chain Management, F. Robert Jacobs & Richard Chase , McGraw Hill Education; Fourteenth edition, ISBN-13: 978-9339204105 4. Sales Management – Decsion Strategy and Cases, 5 th Edition, Richard R.Still, Edward W. Cundiff &Norman Govani, Pearson, ISBN 978-81-317-1089-0	

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	BA4: WEB AND SOCIAL MEDIA ANALYTICS				
Credits	4	Number of hours:	40		
Detailed Course Objectives					

CO1	The student will be able to choose the right tools for website design for measured outcomes.	
CO2	The student will be able to construct a modern metrics of better performance from eight specific metrics for web performance.	
CO3	The student will be able to develop a model for moving quickly from data to actions on a particular website.	
CO4	The student will be able to develop the model for measuring the success of a Mobile & Social Media Campaign..	
CO5	The student will be able to develop a model for the website Outcome.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Choosing Right Tools for Website : Paradox of data, Defining Web Analytics 2.0 over Click Stream Analysis, Four steps approach for the predetermined success for a website,	Web Analytics 2.0 By Avinash Kaushik, Wiley International Inc, Publishing House, Chapter 1 & 2
Module 2	New Web Analytics 2.0 Mind set : Eight Critical web Metrics. Click Stream Analysis, Best Web Analytics Reports	Web Analytics 2.0 By Avinash Kaushik, Wiley International Inc, Publishing House, Chapter 3, 4 & 5.
Module 3	Leveraging Qualitative Data : Lab usability studies, Usability alternatives, Surveys & Web Enabled User Research Options, Power of Testing & Experimentation.	Web Analytics 2.0 By Avinash Kaushik, Wiley International Inc, Publishing House, Chapter 6 & 7.
Module 4	Mobile & Social Media Analytics : Measuring New Social Web - Data Challenge, Analysing Off Line Customer Experiences, Analysing Mobile User Experiences, Measuring the success of blogs, Quantifying the success of Twitter.	Web Analytics 2.0 By Avinash Kaushik, Wiley International Inc, Publishing House, Chapter 9.
Module 5	Website Outcome - Goal Completion, Goal Value, Goal Conversion Rate, Goal abandonment Rate, Goal Reports, Goal Reports, E-Commerce, Shopping Analysis, Product Performance, Sales Performance, affiliate Marketing, Customer Loyalty	Web Analytics 2.0 By Avinash Kaushik, Wiley International Inc, Publishing House, Chapter 10..
Other Reference books and sources	1. Social Media Analytics 1/e, Ganis/Kohirkar, Pearson Education India; First edition., ISBN-13: 978-9332578463 2. Big Data Analytics Using Splunk: Deriving Operational Intelligence from Social Media, Machine Data, Existing Data Warehouses, and Other Real-Time Streaming Sources (Expert's Voice in Big Data), Peter Zadrozny & Raghu Kodali, Apress; 1st ed. Edition, ISBN-13: 978-1430257615 3. Web Analytics Action Hero: Using Analysis to Gain Insight and Optimize Your Business, 1e, Brent Dykes, Pearson Education India, ISBN-13: 978-9332502208 4.	

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	ED4: ENTREPRENEURIAL MARKETING				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	The student will be able to interpret the micro and macro environment of the firm				
CO2	The student will be able to use entrepreneurial approaches to marketing functions.				
CO3	The student will be able to describe consumer buying decision process				
CO4	The student will be able to justify the franchising mechanism as a tool for entrepreneurial marketing				
CO5	The student will be able to justify and elaborate the tools of relationship marketing				
Detailed Contents:				Reference Book, Publisher, Edition, Page No.	
Module 1	Definition of Entrepreneurship Marketing, The entrepreneurship marketing environment, Macro Environment of Entrepreneurial Marketing , Micro Environment of Entrepreneurial Marketing			Entrepreneurship Marketing, Principles and Practice of SME Marketing by: Sonny Nwankwo Publisher: Routledge First Edition 2011, Chapter 2&5	
Module 2	Theoretical approaches to marketing in small businesses, Marketing activities by entrepreneurial firm, Entrepreneurial approaches to the marketing functions ; Product, Price, Place, Promotion, Process, People, Physical evidence.			Entrepreneurship Marketing, Principles and Practice of SME Marketing by: Sonny Nwankwo Publisher: Routledge First Edition 2011 Chapter 1&4	

Module 3	Understanding consumers in entrepreneurship marketing; Levels of involvement and problem-solving types, consumer buying decision process, influences of the buying decision process.	Entrepreneurship Marketing, Principles and Practice of SME Marketing by: Sonny Nwankwo Publisher: Routledge First Edition 2011, Chapter -6,7&8
Module 4	Franchising in entrepreneurship marketing, Benefits, Issues affecting success and failure of Franchising , Steps in establishing a franchise	Entrepreneurship Marketing, Principles and Practice of SME Marketing by: Sonny Nwankwo Publisher: Routledge First Edition 2011, Chapter 19
Module 5	Relationship marketing and networks in entrepreneurship; The Six-Markets Model Of RM; Networks for entrepreneurial RM, The Future direction of RM and Networks	Entrepreneurship Marketing, Principles and Practice of SME Marketing by: Sonny Nwankwo Publisher: Routledge First Edition 2011, Chapter 15
Other Reference books and sources	1. Entrepreneurial Marketing: An Effectual Approach, Edwin J. Nijssen, Routledge; 2 edition, ISBN-13: 978-1138712911 2. Entrepreneurial Marketing, Ian Cheston, Palgrave Macmillan; New edition, ISBN-13: 978-1137500908 3. Entrepreneurial Marketing: Global Perspectives, Zubin Sethna, Rosalind Jones, Paul Harrigan , Emerald Group Publishing Limited, ISBN-13: 978-1781907863 4.	

Semester	IV	Course Code	4T1	Type of Course	Elective
Course Name	IB4: INTERNATIONAL HUMAN RESOURCE MANAGEMENT				
Credits	4	Number of hours:	40		
Detailed Course Objectives					

CO1	Students will be able to differentiate between international and domestic HRM and analyze issues in IHRM and competencies of international managers	
CO2	Students will be able to understand recruitment and selection process for expatriates and various concepts involved in it such as HR outsourcing	
CO3	Students will be able to perceive concepts involved in training and development of expatriates and concepts such as diversity training and cross cultural team building.	
CO4	Students will be able to understand and examine various international performance management processes and compensation of expatriates	
CO5	Students will be able to understand and analyze various cultural dimensions, cultural sensitivity as well as should be able to elaborate collective bargaining and employee relations in various countries.	
Detailed Contents:		Reference Book, Publisher, Edition, Page No.
Module 1	Concept of international HRM , differences between international and domestic HRM, Strategic role of International HR department, HR cycle, Issues in IHRM , competencies required for international managers	Gupta S.C., International Human resource Management- text and cases, Macmillan Publication Ch.1 & 2
Module 2	HR Planning and Information Systems , recruitment and selection of expatriates, International labour market sources, attracting and selecting international managers and selecting expatriates, selection tests, Adjustment model, HR outsourcing	Gupta S.C., International Human resource Management- text and cases, Macmillan Publication Ch.3
Module 3	Expatriate Training & development: cultural awareness training, cultural integrator, developing an international mind-set, types of cross-cultural training, cultural assimilators, diversity training, cross-cultural team building	Gupta S.C., International Human resource Management- text and cases, Macmillan Publication Ch.4
Module 4	Multinational performance management, performance management of expatriates and variables that influence performance, performance feedback, compensation of expatriates and its various approaches, cultural impact and compensation policy , termination of contract	Gupta S.C., International Human resource Management- text and cases, Macmillan Publication Ch.5 & 6
Module 5	Convergence of cultures, culture change, determinants of culture, importance of cultural sensitivity and its effect on management approaches, Hofstede's cultural dimensions, bridging cultural gap, preference of cultural types of various countries, culture excellence approach, managing diversity, Industrial relations, collective bargaining , trade unions and employee	Gupta S.C., International Human resource Management- text and cases, Macmillan Publication Ch.11, 12, 13 & 16

	relations across countries	
Other Reference books and sources	1. International Human Resource Management, K. Aswathappa & Sadhna Dash, McGraw Hill Education; 2 edition, ISBN-13: 978-0071077941 2. International Human Resource Management, Anne-Wil Harzing, Ashly Pinnington, SAGE Publications India Private Limited; Fourth edition, ISBN-13: 978-9386062895 3. International Human Resource Management, Peter J. Dowling, Marion Festing , Allen D. Engle , Cengage Learning India Private Limited, ISBN-13: 978-9386668585 4. International Human Resource Management, P.L. Rao, Excel Books, ISBN-13: 978-8174465962	

Semester	IV	Course Code	4P5	Type of Course	Elective
Course Name	PROJECT WORK AND VIVA VOCE				
Credits	4	Number of hours:	40		
Detailed Course Objectives					
CO1	In a specialization domain of his / her choice, student manager will be able to choose an appropriate topic for study and will be able to clearly formulate & state a research problem				
CO2	For a selected research topic, student manager will be able to compile the relevant literature and frame hypotheses for research as applicable				
CO3	For a selected research topic, student manager will be able to plan a research design including the sampling, observational, statistical and operational designs if any				
CO4	For a selected research topic, student manager will be able to compile relevant data, interpret & analyze it and test the hypotheses wherever applicable				
CO5	Based on the analysis and interpretation of the data collected, student manager will be able to arrive at logical conclusions and propose suitable recommendations on the research problem				
CO6	Student manager will be able to create a logically coherent project report and will be able to defend his / her work in front of a panel of examiners				
Detailed Contents:				Reference Book, Publisher, Edition, Page	

		No.
Module 1	Revision and Review of Business Research Course (1T3) with practical/ application orientation	Business Research Methods – William G. Zikmund, 7 th Edition, Cengage Learning, ISBN – 978-81-315-0029-3, Chapter 6&7
Module 2	Synopsis proposal formulation – Format, Tools and Techniques	http://intra.tesaf.unipd.it/pettenella/Corsi/ReaserchMethodology/ResearchSynopsisWriting.pdf

10 instructional hours may be engaged by a designated faculty members while 30 tutorial hours should be engaged by individual project supervisors/guides

Guidelines for Project Work and Viva Voce

1. For Project work a batch of Maximum **TWENTY** students per guide /supervisor has to be allotted by the Institute. The Guide/Supervisor shall act as an internal examiner for project Examination.
2. The guide or the supervisor shall be appointed by the institute and should be teaching to MBA Programme with minimum qualifications as prescribed by AICTE for Assistant Professor. The guide / supervisor shall be responsible for conducting tutorials for allotted number of students under his/her guidance.
3. **ONE copy** of Project work (Printed and hardbound) shall be submitted to the College/Department at least one month before commencement of MBA Sem IV Examination for evaluation purpose. The college/Department shall retain the copy of Project Work for evaluation and the list of 'Project Work Titles' of all students shall be submitted to the University.

4. Following documents must be attached with the project report -

- i. A certificate from the Supervisor to the effect that the candidate has satisfactorily completed the Project work for not less than one session and that the Project work is the result of the candidates own work and is of sufficiently high standard to warrant its presentation for examination
- ii. A certificate obtained through anti-plagiarism software stating that the original content of the project work report is more than 80% must be attached at the beginning of the project report.
- iii. A declaration by the candidate that the Project is the result of his/her own research work and the same has not been previously submitted to any examination of this University or any other University. The Project shall be liable to be rejected and /or cancelled if found otherwise.
- iv. A pre-approved and duly signed synopsis should be attached at the end of the project report.

Rubric for evaluation of project report and viva voce

Rubric:ProjectSynopsis/ProposalEvaluation

	Excellent (16-20 Marks)	Good (11-15 Marks)	Average (6-10 Marks)	Poor (0-5 Marks)	Score
Synopsis: Identification of Problem Domain and Detailed analysis of Feasibility, Objectives and Methodology of Project Proposal	<ul style="list-style-type: none"> • Detailed and extensive explanation of the purpose and need of the project • Detailed and extensive explanation of the specifications and the limitations of the existing systems • All objectives of the proposed work are well defined; Steps to be followed to solve the defined problem are clearly specified 	<ul style="list-style-type: none"> • Good explanation of the purpose and need of the project • Collects a great deal of information and good study of the existing systems; • Good justification to the objectives; Methodology to be followed is specified but detailing is not done 	<ul style="list-style-type: none"> • Average explanation of the purpose and need of the project; • Moderate study of the existing systems; collects some basic information • Incomplete justification to the objectives proposed; Steps are mentioned but unclear; without justification to objectives 	<ul style="list-style-type: none"> • Moderate explanation of the purpose and need of the project • Explanation of the specifications and the limitations of the existing systems not very satisfactory; limited information • Only Some objectives of the proposed work are well defined; Steps to be followed to solve the defined problem are not specified properly 	
Quality of Literature Review	<ul style="list-style-type: none"> • Information is gathered from multiple, research-based sources. 	<ul style="list-style-type: none"> • Information is gathered from multiple sources. 	<ul style="list-style-type: none"> • Information is gathered from a limited number of sources. 	<ul style="list-style-type: none"> • Information is gathered from a single source. 	
Project Report and References	<ul style="list-style-type: none"> • Project report is according to the specified format • References and citations are appropriate and well mentioned 	<ul style="list-style-type: none"> • Project report is according to the specified format • References and citations are appropriate but not mentioned well 	<ul style="list-style-type: none"> • Project report is according to the specified format but some mistakes • In-sufficient references and citations 	<ul style="list-style-type: none"> • Project report not prepared according to the specified format • References and citations are not appropriate 	

Discussion and Conclusions	<ul style="list-style-type: none"> • Discussion and conclusions tie the problem statement, experiments, and results well to tell an overall story. • Future work clearly outlined. 	<ul style="list-style-type: none"> • Some discussion and conclusions drawn, but missing some points in terms of linkage of results to problem statement 	<ul style="list-style-type: none"> • Major components missing in the discussion. • Little attempt to tie together experiments and problem statement/claims 	<ul style="list-style-type: none"> • Little discussion or conclusions drawn. 	
Oral Presentation and viva voce	<ul style="list-style-type: none"> • Contents of presentations are appropriate and well delivered • Contents of presentations are appropriate and well delivered • Clear voice with good spoken language but less eye contact with audience • Comprehensive Q&A for all questions 	<ul style="list-style-type: none"> • Contents of presentations are appropriate but not well delivered • Eye contact with only few people and unclear voice • Comprehensive Q&A for some questions 	<ul style="list-style-type: none"> • Contents of presentations are appropriate but not well delivered • Eye contact with only few people and unclear voice • Average Q&A 	<ul style="list-style-type: none"> • Contents of presentations are not appropriate and not well delivered • Poor eye contact with audience and unclear voice • Poor Q&A 	

Semester	IV	Course Code	4S6	Type of Course	Elective
Course	EXIT SEMINAR AND OPEN DEFENCE				

Name			
Credits	4	Number of hours:	40
Detailed Course Objectives			
CO1	The student will be able to apply knowledge of management theories and practices to solve business problems		
CO2	The student will Foster Analytical and Critical thinking abilities for data-based decision making		
CO3	The student will acquire Ability to develop Value Based Leadership ability		
CO4	The student will develop the Ability to understand, analyse and communicate global, economic, legal, and ethical areas of business		
CO5	The student will acquire the Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment.		
Guidelines and Format for Exit Seminar and Open Defence			
<p>Exit Seminar is a culmination and presentation of all the learning that has happened in last 4 semesters of MBA program. The idea is to check the key learnings of a student manager and to map them with the program outcomes so as to assess the attainment of program outcomes. The Viva-Voce should be targeted at assessment of following POs.</p> <p>MBA Program Outcomes:</p> <ol style="list-style-type: none"> 1. Apply knowledge of management theories and practices to solve business problems 2. Foster Analytical and Critical thinking abilities for data-based decision making 3. Ability to develop Value Based Leadership ability 4. Ability to understand, analyse and communicate global, economic, legal, and ethical areas of business 5. Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment. <p>This will also present the student portfolio evaluation i.e. a systematic and organized collection of a student's work that exhibits the direct evidence of a student's efforts, achievements and progress over a period of time including Theory Papers, SIP, Live Projects, MOOCs, etc.</p> <p>Format for Presentation-</p> <p>Presentation should include following-</p> <ol style="list-style-type: none"> 1. Summary of Learnings from core courses across semesters 2. Summary of Learning from elective 1 courses 			

3. Summary of Learning from elective 2 courses
4. Summary of Learning from MOOCs
5. Summary of Learning from Summer Internship Project
6. Summary of Learning from Project Work
7. Exhibition of student portfolio i.e. a systematic and organized collection of a student's work that exhibits the direct evidence of a student's efforts, achievements and progress over a period of time including Theory Papers, SIP, Live Projects, MOOCs, etc.
8. Level of Attainment of PO1 with justification
9. Level of Attainment of PO2 with justification
10. Level of Attainment of PO3 with justification
11. Level of Attainment of PO4 with justification
12. Level of Attainment of PO5 with justification
13. Concluding Remark

Open Defence – The external examiner should ask questions to check the attainment of 5 POs

Evaluation of Exit Seminar:

- The individual presentation should ideally last for 15-20 minutes followed by Open Defence Question-Answer session (10-15 minutes).
- The External Examiner (appointed by the University) should evaluate Maximum 20 (Maximum 10 at One Institute) Exit Seminars.

Rubric for Evaluation- the external examiners based on exit seminar, presentation and open defence performance shall evaluate the student as Excellent (9-10 marks), Good (5-8 marks) or Average (0-4 marks) and mention the score in the rubric

Name of Institute:	
Name of Student:	
Roll No. :	Enrolment No.:
Parameter [Excellent (9-10 marks), Good (5-8 marks) or Average (0-4 marks)]	Score
Learnings from core courses	

Learnings from elective 1 courses		
Learnings from elective 2 courses		
Learnings from SIP/ Project		
Assessment of Student Portfolio		
Attainment of PO1 (Apply knowledge of management theories and practices to solve business problems)		
Attainment of PO2 (Foster Analytical and Critical thinking abilities for data-based decision making)		
Attainment of PO3 (Ability to develop Value Based Leadership ability)		
Attainment of PO4 (Ability to understand, analyse and communicate global, economic, legal, and ethical areas of business)		
Attainment of PO5 (Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment)		
Name of Examiner:	Signature of Examiner and Date:	
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