Website: www.dvsdegreecollege.org.

Email: principal.dvscollege@gmail.com

Off: 08182-278455

Fax: 08182-401592



D.V.S.College of Arts & Science, Shimoga

(Permanently Affiliated to Kuvempu University)

(Accredited from National Assessment & Accreditation Council at the B+ Level)

Sir M.V.Road, Post Box No.81, SHIVAMOGGA-577201, Karnataka State

DVV Clarification for 1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective courses system has been implemented

1.2.1.1. Number of Programmes in which CBCS/Elective system implemented.

HEI Input:2

- DVV had sought clarification for the structure of program clearly indicating courses, credits/Electives as approved by the competent board. Provide circular of programs in which CBCS/Elective course system implemented in the last completed academic year certified by the Registrar of the affiliating university for the year 2020-21.
- Herewith the HEI is attaching the document regarding the same

Principal
PRINCIPAL
D.V.S. College of Arts & Science
SHIVAMOGGA.

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This is to certify that the following mentioned papers are offered as open electives in BA and BCom courses as approved by the affiliating university for the academic year 2020-21.

Course	SEMESTER	OPEN ELECTIVES	ELECTIVE ALLOTTED	STUDENTS STRENGTH
BA (Economics)	5 [™] SEM	1.International Business Environment 2.Karnataka Economy 3.Rural Development and Cooperation 4.Tourism Economics	1.International Business Environment 2.Karnataka Economy	30
	6 [™] SEM	1.Indian Economic Environment 2.Public Economics	1.Indian Economic Environment 2.Public Economics	27
		3.Research Methodology		30
	5 th SEM	Advanced financial management	Product and sales management	34
BCom		 2. Product and sales management 3. Advanced bank management 4. E-Commerce-I 5. Quantitative Techniques-I 	2. Quantitative Techniques-I	31
	6 th SEM	Security analysis and portfolio management	1. Retail management 2. Quantitative	34
		 Retail management Life and general insurance E-Commerce-II Quantitative Techniques-II 	techniques-II	31

Principal

PRINCIPAL

D.V.S. College of Arts & Science SHIVAMOGGA.

CBCS, UG Economics Syllabus - 2016

KUVEMPU UNIVERSITY

SEMESTER		SUBJECT	Mours alletted	
1		Managerial Economics	90 Hours	
II		Economics of Markets	90 Hours	
III		Macro Economies	90 Hours	
IV		Money and Financial Markets	90 Hours	
**************************************	compulsory	Economics of Growth and Development	80 Hours	
	optional	International Business Environment Paper-vi	80 Hours	
	optional	Rural Development and Co-operation Paper-vi	80 Hours	
	optional	Karnataka Economy Paper-vi	80 Hours	
	optional	Tourism Economics Paper -vi	80 Hours	
	Compulsory	Human Resource Development Paper- vii	80 Hours	
	optional	Indian Economic Environment Paper-viii	80 Hours	
	optional	Public Economics Paper-viii	80 Hours	
	optional	Research Methodology Paper -viii	80 Hours	

Proceedings of the UG BOS Meeting

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chaliyadri, Shaman

Proceedings of the meeting of the BOS (UG) in Économics, met on 27-12-2016 at 11.30 AM in the Chairman's Chamber, Department of Studies in Economics, Kuvempu University, Jnanasahyadri, Shankaraghatta.

At the outset, the Chairman welcomed all the members of the Board for the meeting.

The Board approved the B.A Syllabus (Ist .Had and Hird year) for the scadernic year 2017-18.

At the end, the chairman thanked all the members for their active involvement in the deliberations and for their co-operation in conducting the meeting

Members Present

. 1. Dr. S.Mahendra Kumar

2. Dr. Devarai.P

3. Dr. Shashirekha, K.R.

Members Absent

1. Dr. M. Chowdegowda

Date:27-12-2016

Chairman 2
BOS in Beonemics (UG)
Dept. of Economics
Kuvempu University

Hurs 27/12/16 Bhushismiceols - 10/16 -

Principal

18 you

B.A - V SEMESTER

SAE-261

KARNATAKA ECONOMY- PAPER-VI (OPTIONAL PAPER)

Objectives:

- 1. To enable a student to have an overview of the working of the Karnataka economy.
- 2. To enable a student to understand the changes in the Karnataka economy
- 3. To enable a student to understand the leading issues in the Karnataka economic development

Note: The award of Internal Assessment (IA) is based on the performance of one internal destand skill development activity (weightage: 50% + 50%)

Module 1:- Karnataka Economy an overview:-

Geographical feature: - features of Karnataka Economy growth of PCI, HDI, PQLI, Demographic profile of Karnataka: trend in population growth-growth-rate: density-Age-sex and size composition -Recent population policy - Rural Urban migration:

15 Hours

Module 2:- Poverty and unemployment in Karnataka:-

Poverty rural and urban poverty-causes- incidence-un-employment: Types, causes, employment generation & poverty alleviation programs- Self-employment programs-wage Employment programs-Habitat development program initiated by Government of Karnataka-regional imbalances in Karnataka: causes and effects. Dr.M. Nanjundappa committee report- women empowerment NGo's-self-help-group.

15 Hours

Module 3: Agriculture Development in Karnataka:-

Trends in agricultural productions hand reforms in Karnataka - Features and causes-low agricultural productivity -dry land forming, water shed development in Karnataka. Agriculture finance: institutional and Non-Institutional sources. Irrigation - Interstate water dispute sources-interstate water disputes land Reforms-Agricultural marketing problems-Agriculture prices: price policy-PDS.

15 Hours

Module 4: Industry & Tertinry Sectors-

Recent industrial policy of Government of Kamataka-small & medium scale industriesimportance, growth and problems-industrial finance-Transport and communication: Growth and development of road and railways-information Technology-Karnataka's Recent Trade policy.

15 Hourgh

Module-5: Karnataka State Financial Management:

Sources of Revenue-Tax and Non-Tax VAT, GST -Public borrowing-Karnataka tax systemproblems- Growth of public expenditure-Karnataka Budget-karnataka state finance commissiondebt management in Karnataka-E- Governance in Karnataka.

15 Hours

Reference Books:-

- 1. Prasanna, T & Rajanna, K .A (2012) Karnataka Economy, College Book House, Bangalore
- 2. Govt., of India (2010); Kamataka development Report, Govt, of India
- 3. ಎಟ್ಟಾರ್ಕ (2012), ಕರ್ನಾಟಕ ಆರ್ಥಿಕತೆ, ಸಚ್ಚ ಬುಕ್ ಹೌಸ, ದೆಂಗಳೂರು
- 4. ಕೃಷ್ಣಯ್ಯಗೌಡ, ಹೆಚ್ ಆರ್ (2014),ಕರ್ನಾಟಕ ಆರ್ಥಿಕತೆ, ಸ್ಪಂಧನ ಪ್ರಕಾಶನ, ಬೆಂಗಳೂರು

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F.

III. B.A, - V SEMESTER

SAE-240 INTERNATIONAL BUSINESS ENVIRONMENT- PAPER-V (OPTIONAL PAPER)

Objectives:

1. To enable the students to have an understanding of Various Concepts of IBE

2. To create an opportunity to understand the working of various International Financial Organisations and financial system

3. To develop skills in students to be able to apply theory by understanding various theories.

4. To enable the student to apply the knowledge gained from the study of micro and macroeconomics in the field of international economics.

Note: The award of Internal Assessment (IA) is based on the performance of one internal test and skill development activity (weightage: 50% + 50%):

Michaele 1: International Trade Business Environment

Meaning and definitions-internal and international trade -. Significance and nature of business environment - elements of environment - Global environment - Merits and demerits-

15 Hours

Module 2: Economic Environment of Business in India

Economic Environment of Business. Significance and elements of economic environment – economic systems and business environment – economics planning (NIIII Auyog) in India – Government policies – Industrial policies – Monetary and Fiscal Policies, Public Sector and economic development

20 Hours

Adodule 3: Balance of Payments and Exchange Rate:

Meaning - halance of trade and balance of payments - structure of balance of payments - causes for disequilibrium in the balance of payments - measures for correcting disequilibrium - foreign exchange: meaning - determination of exchange rate - fixed and flexible exchange rate - merits and demerits - purchasing power parity theory - Dement and supply theory.

20 Hours

Module 4: International Monetary Institutions and Economic Environment

International and Technological environment, multinational corporations - Foreign Collaboration in Indian Business - Foreign direct investment - Meetts and Demerits with special reference to India. FIIs - International economic institutions, IMP, IBRD WTO, TRIPS, TRIMS, Dispute settlement in WTO regime, WTO and its impact on Indian Beonomy.

15 Hours

Module 5: Economic Reforms

Economic Reforms - Need for Economic Reforms - Main features of reforms - structural changes - privatization, globalization and liberalization 10 Hours

References:

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- 1. Gupta, K.R (2009), International Economics Vol 1&2, Atlantic Publisher, New Delhi
- 2. Rajkumar (2008), International Economics, Excel Books Publisher, New Delhi
- 3. Francies Cherunilam (2010), International Economics, Tata Mcgraw Hill Publisher, New Delhi
- 4. Desai, S S M & Nirmala Bhalerao (2008), International Economics, Himalaya
 - · Publisher, Mumbai
 - 5. Malhotra, V.K. (2012), International Economics, Annol Publisher, New Delhi,
 - 6. Mithani. D. M (2005), The Essence of International Economics, Himalaya Publisher, Mumbai
 - 7. Mithani. D. M (2010), International Economics, Himalaya Publisher, Mumbai
 - 8. Bhatia. H. L (2009), International Economics, Vikas Publication pvt.Ltd, New Delhi
- 9. Peter H Lindert (2004), International Economics, Richard D Irn in Publisher, Delhi
- 10. Dr. Shymasundar (2011), International Economics, Basava Prakashan, Shimoga
- . 11. ಎಚ್ಚಾರ್ಕ (2015), ಅಂತರರಾಷ್ಟ್ರೀಯ ಆರ್ಥಶಾಸ್ತ್ರ, ಸಪ್ನ ಬುಕ್ ಹೌಸ, ಬೆಂಗಳೂರು
 - 12. ಎಚ್ಚಾರ್ಕ (2015),ಅಂತರರಾಷ್ಟ್ರೀಯ ಮತ್ತು ಸಾರ್ವಜನಿಕ ಅರ್ಥಶಾಸ್ತ್ರ, ಸಜ್ನ ಬುಕ್ ಹೌಸ, ಬೆಂಗಳೂರು
 - 13. ಕೃಷ್ಣಯ್ಯಗೌಡ, ಪೆಚ್ ಆರ್ (2014). ಅಂತರರಾಷ್ಟ್ರೀಯ ಅರ್ಥಶಾಸ್ತ್ರ, ವಿದ್ಯಾನಿಧಿ ಪ್ರಕಾಶನ, ಗರಗ
 - 14. ವೀರಯ್ಯ, ಕೆ ಎಮ್ (2001),ಅಂತರರಾಷ್ಟ್ರೀಯ ಅರ್ಥಶಾಸ್ತ್ರ, ಅಕ್ಷಕ ಪ್ರಕಾಶನ, ಮೈಸೂರು

15. ಡಾ. ಶ್ಯಾಮಸುಂದರ (2011),ಆಂತರರಾಷ್ಟ್ರೀಯ ಅರ್ಥಶಾಸ್ತ್ರ, ಬಸವಾ ಪ್ರಕಾಶನ, ಶಿವಮೊಗ

1.2.1 BCom Elictice



Kuvempu University

Department of Post-Graduate Studies and Research in Commerce Jnana Sahyadri, Shankaraghatta 577 451 (Shivamogga District, Karnataka)

e-mail: commerce@kuvempu.ac.in

Minutes of the Meeting of Board of Studies in Commerce (UG) held on Friday, 29 December 2017 at 11 am in the DoS in Commerce, Kuvempu University, Juana Sahyadri

Members:

- (1) Sri Umapathi K G
- (4) Smt V Shalini
- (2) Sri Poornesh K
- (5) Sri B Malleshi Naik
- (3) Sri B R Dayananda
- (6) J. Madegowda: Chairman

After the formal welcome by the chairman, the Board took up the subjects listed in the Agenda for discussion and after discussion resolved appropriately as presented below.

(1) Review of Question Papers set for April/November 2017 examinations

The Board reviewed the question papers set for April/November 2017 examinations of B.Com (both regular and distance mode) and found them in order.

(2) Preparation and approval of Panels of Examiners for April/November 2018 examinations of B.Com (both regular and DDE)

The Board prepared and approved the Panels of Examiners for B.Com examinations, 2018 (both regular and distance mode), and authorized the Chairman to send the same to the Registrar (Eval) separately (Appendix -1).

(3) Revision and approval of curricula of B.Com (regular) programme

The Board prepared and approved the thoroughly revised and comprehensive course curricula B.Com programme (Regular). Further, the Board resolved to recommend to the Faculty of Commerce for its consideration and approval (**Appendix** -2).

(4) Any other subject with the permission of the Chairman: Question Papers

Members of the Board discussed the issue of translating the question papers of quantitative courses from English to Kannada from the points of view of its utility to the students, time and cost factors, and resolved to have the question papers of quantitative courses only in English.

Signature of Members:

(1) Sri Umapathi K G

(3) Sri B R Dayananda

(2) Sri Poornesh K

(4) Sri B Malleshi Naik

(J. Madegowda)

Chairman

Principal

D.V.S. College of Arts & Science
Shivamogga.

7

SpecializationStream-B:MarketingStreamB.Com,Seme

Course-507B:ProductandSalesManagement

CourseObjective: Toacquaintstudentswithadequateknowledgeofproductandsalesmanagement Pedagogy:Combinationoflectures,assignmentsandgroupdiscussions.

WeeklyTeachingHours:4

MaximumMarks: 100

Examination Duration: 3

hoursUnit

Course Inputs

- I. Introduction to Product Management (12 hours): Meaning, Definition of Product, Market - Market focused Organization; Functionally focused Organization; ProductManagement - Facts VsFiction; Changes affecting Product Management; and ProductStrategy.
- II. Product Planning and Management (12 hours): Meaning, Definition and Objectives of Product Planning; Frequent mistakes in Planning; Planning Process; Components of a good Plan; Product Life Cycle; Market Growth; Product Attractiveness - Factorsinfluencing a Product; Threat of New Entrants, Product Differentiation; BargainingPower of Buyers and Suppliers; Pressure from Substitutes; Environment Analysis; and Product Line Management.
- III. New Product Development(12hours): Meaning, Definition and Organization for New Product Development; Idea Generation and Screening; Concept of Developmentand Evaluation; New Product Development and Evaluation: Product Modification; Product Variants; Brand Extension; Test Marketing, Evaluation for Market Ac ceptance: Commercialization and Product Failure.
- IV. Salesman(14hours): Meaning, Definition and Qualities of a good Salesman, Recruitment of Salesmen in the Organization, Product, Knowledge, Planned Selling, Approach-Pre-Approach-Meeting, Objectives, Closingthe Sale-Scales Call; Customer Psychology-BuyingMotivesofourCustomer,EffectiveSpeaking,Consumer Products **VsIndustrial** Products Selling Trade Relations ales PersonnelRecruitment, Selection, Training, and Remuneration.

D.V.S. College of Arts & Science Shivamogga,

V. Sales and Marketing System (14 hours): Meaning, Definition, Objectives of they which SchemesandSituationsin Sales.Promotion Quantity Deals, Price Rebates, Launched.42DirectPremiums(Branded Packs, for Criteria Sampling, etc). Judging the Successor Failure of Sales Promotion Schemes, What Sales Promotion can achieve the sales Promotion Company of the Sales Promotion Company ofPremiums Action Interim Contests. Consumer Limitations: its of (Coupon.Offers.etc).Self-LiquidatingPremium;Survey GiftSchemeWindowDisplay, Typesof

Dealer Promotion Schemes, Wholesale and Retail Trade (Discount and Bonus Incentives for the Trade Sales Promotion and Industrial Products-Merchandising and Display-Sales Aids and Dealers Aids.

Marketing System - Marketing Channels Behavioral Process in Marketing Channels, Designing Channels, Channels of Distribution and Promotion, Physical Distribution; and Factors affecting Channel Choice.

SkillDevelopmentActivities:

- (1) Selectanyproductandexaminethefeaturesofchannelsselectedfordistribution
- (2) Visitanyorganizationandunderstandaboutremunerationandincentivestosalesman
- (3) Chartoutproductplanningprocess
- (4) ChartSalesPromotionschemesoftwoconsumerdurableproductsandtwononconsumerdurableproducts
- (5) Identifyaproductandpositionitinthemarket-chartitout

RecommendedBooksforReference:

- (1) LehmannR.Donald&Winer.S.Russell;ProductManagement;TataMcGraw-HillEdition;3rd Edition
- (2) StillR.Richard,CundiffW.EdwardandGovoniAPNorman,SalesManagementDecisions,S trategiesandCases;Prentice HallofIndia (P)Ltd;New Delhi
- (3) RamanujamandMajumdar,Product management
- (4) ChunawallaS.A.Product management.
- Aswathappa, Productmanagement
- (6) VermaandAgarwal,Salesmanagement

SpecializationStream— B:MarketingStreamB.Com,Seme ster-VI

Course-607B:RetailManagement

CourseObjective:To acquaint

students about the consumer behavior in retail management Pedagogy:

Combinationoflectures, assignments and group discussions.

WeeklyTeachingHours:4

MaximumMarks: 100

Examination Duration: 3

hoursUnit

Course Inputs

- I. Introduction to Retail Business (12 hours): Definition Functions of Retailing Types of Retailing Forms of Retail Business Ownership; Retail Theories Wheel of Retailing Retail Life Cycle; Retail Business in India: Influencing Factors PresentIndianRetailScenarioandInternationalPerspectiveinRetailBusiness.
- II. Consumer Behavior in Retail Business (14 hours): Buying Decision Process and itsImplications on Retailing—Influenceof Group andIndividualFactors,CustomerShopping Behaviour, Customer Service and Customer Satisfaction; Retail PlanningProcess: Factors to consider in preparing a Business Plan—Implementation and RiskAnalysis.
- III. Retail Operations (12 hours): Factors influencing Location of Store Market AreaAnalysis-TradeAreaAnalysis-RatingPlanMethod-SiteEvaluation;RetailOperations:StoresLayoutandVisualMerchandising,StoresDesigning,Space

Planning, Inventory Management, Merchandise Management, and Category Management.

- IV. RetailMarketingMix(16hours):Introduction;Product:DecisionsrelatedtoselectionofGo ods(MerchandiseManagementRevisited)—DecisionsrelatedtoDelivery of Service; Pricing: Influencing Factors Approaches to Pricing PriceSensitivity-ValuePricing—MarkdownPricing;Place:SupplyChannel—SCMPrinciples—RetailLogistics—ComputerizedReplenishmentSystem—CorporateReplenishment Policies; Promotion: Setting Objectives Communication Effects -Promotional Mix; Human Resource Management in Retailing Manpower Planning –RecruitmentandTraining—Compensationand PerformanceAppraisalMethods.
- V. Impact of Information Technology in Retailing (10 hours): Non Store Retailing (E-Retailing) Impact of Information Technology in Retailing Integrated Systems and Networking EDI Bar Coding Electronic Article Surveillance Electronic ShelfLabels Customer Database Management System; Legal aspects in Retailing, SocialIssuesinRetailing, and EthicalIssuesinRetailing.

SkillDevelopmentActivities:

- (1) Drawaretaillifecyclechartandlistthestages
- (2) Drawachartshowingastoreoperations
- (3) Listoutthemajorfunctionsofastoremanagerdiagrammatically
- (4) Listoutthecurrenttrendsine-retailing
- (5) Listoutthe factorsinfluencinginthelocationofaNewRetailoutlet

RecommendedBooksforReference:

- (1) SujaNair;RetailManagement,HPH
- (2) Karthic RetailManagement, HPH
- (3) S.K.Poddar&others-RetailManagement,VBH
- (4) R.S Tiwari; Retail Management, HPH
- (5) BarryBermansandJoelEvans:"RetailManagement-AStrategicApproach",8thedition,PHI
- (6) A.J. Lamba, The Artof Retailing, 1stedition, TataMcGraw-Hill, New Delhi
- (7) SwapnaPradhan, Retailing Management, TMH
- (8) K. Venkataramana, RetailManagement, SHBP
- (9) James R. Ogdenand Denise T., Integrated Retail Management
- (10) ASivakumarRetailMarketing,ExcelBooks

StreamB.Com,Semester-V
Course - 507E:QuantitativeTechniques- I

Course Objective: Toacquaintstudents about the application of mathematical and statistical techniques to practical business problems

Pedagogy: Combination of lectures, assignments and group discussions.

WeeklyTeachingHours:4 MaximumMarks: 100

Examination Duration: 3

hoursUnit

Course Inputs

1. ArithmeticandGeometricProgression(8hours):ArithmeticProgression,Geometric Progression, Some of nth Term of Arithmetic Progression and GeometricProgression,Arithmetic MeanandGeometric Mean.

II. MatricesandDeterminantsMatrices(13hours):Matrices,TypesofMatrices;Operationof Addition,SubtractionandMultiplicationofMatrixwithSpecialApplicationtoBusiness;Tra nsposeofMatrix,DeterminantsofSquareMatrix,Cramer's Rule with Two and Three Unknown Properties, Adjoint of a Square Matrix,andInverseofaSquare Matrix(excludingMatrixMethod).

III. DifferentialCalculus(13hours):VariablesandConstant,Function,Real/Valued

Function, Limits of Function, Methods of Evaluating Limits, Differentiation of LinearFunction, Finding Maxima and Minima of a Function, Application of Differential toCommerce,(excludingDerivations).

- IV. Linear Programming (14 hours): Linear Inequalities, Liner Programming, Formation of Linear Programming Problems, Mode/Solutions to Linear Programming ProblemsbyGraphic andSimplexMethod(problemsto berestrictedtotwovariables).
- V. **Theory** of **Probability** (10 hours): Introduction, Random Experiments, Sample SpaceandProbability, TheoryofExpectations, RandomVariables, Problems related to Probability based on Combination, LawofProbability, Events, and Compound Events.

VITheoretical Distribution (6 hours): Introduction, Binomial Distribution, Poisson Distribution, Normal Distribution, and Problems

SkillDevelopmentActivities:

- (1) Apply Arithmetic Progression and Geometric Progression methods to find the growthrateoffoodgrains and population
- (2) Use Matrix Principles to implement food requirement and protein for two families. Show the way in which price and demand situations will help to purchase goods and services by the use of matrices
- (3) Select different ways to go to Bengaluru from your native place through permutation techniques
- (4) Use different techniques to show price, supply and demand position for a particular product, and also show maximum and minima
- (5) Visit a nearest Industry or Computer Centre and draw Linear Programming Problemmodelregardingdifferentproblems. Finda solutiontothe problem

RecommendedBooksforReference:

- (1) BusinessMathematics,SanchethiKapoor
- (2) BusinessMathematics,S.P.Gupta
- (3) MathematicsforCostAccountants,R.Gupta
- (4) BusinessMathematics:MadappaandSridharaRao
- (5) BusinessMathematics:Dorairaj,S.N
- (6) BusinessMathematics:B.H.Suresh
- (7) BusinessMathematics:SanchethiAggarwal
- (8) BusinessMathematics:Aggarwal
- (9) BusinessMathematics:Oakandother(HimalayaPublishingHouse)

Specialization Stream - E: Quantitative Techniques StreamB.Com,Semester-VI

Course-607E:QuantitativeTechniques - II

Course Objective: To acquaint students with the application of mathematical techniques to business situation of the contraction of the contracti

Pedagogy: Combination of lectures, assignments and group discussions

WeeklyTeachingHours:4

MaximumMarks: 100

Examination Duration: 3

hoursUnit

Course Inputs

I. GamesandStrategies(10hours):IntroductiontoGames, Two-PersonZero-Sum Games, Some Basic Terms, the Maxi-min-Mini-max Principle, Games without Saddle

 $II. \quad \textbf{Assignment Problems} (10 hours): Introduction, Mathematical Function of the Problems, \\$ Assignment Cases in Assignment Problems, **Typical** Assignment Problem, and Travelling Salesman Problem.

- III. Transportation Problems (12 hours): Introduction, General Transportation Problem, Transportation Table, Dualityin Transportation Problem, Loopsin Transportation Problem, LP Formulation of the Transportation Problem, Solution of a Transportation Problem, Finding an Initial Basic Feasible Solution, and Testfor Optimality
- IV. DecisionAnalysis(10hours):Introduction,DecisionMakingProblem,D
- V. Simulation (12 hours): Introduction, Why Simulation, Methodology of Simulation, Simulation Models, Event-Type Simulation; Generation of Random Numbers; Monte-Carlo Simulation, Simulation of Inventory Problems, Simulation of Queuing

System, Simulation of Maintenance Problems, Simulation of Investment and Budgeting, Simulation of Job Sequencing, Advantages and Limitations of Simulation.

VI. Project Management (10 hours): Introduction, Basic Concepts of Network Analysis, Time Estimates in Vertical Path Analysis, PERT and CPM, Simple Problems on PERTandCPM.

SkillDevelopmentActivities:

- (1) Playgameforcompetingwiththerivaltrader, find Games Strategies to with standinthe game
- (2) Giveanassignmenttoaparticularpersonwhoiscapabletofindsuitablemeasurestoparticular assignedtask
- (3) Find the least root to go to the places when a travelling agent is supposed to visit morethantwoplaces simultaneously
- (4) Findstrategies forassigningaparticulartasktovariouspersons
- (5) Howsimulationcanbederivedandgivesuitableexamples
- (6) Experimentdifferenteventsforfindingsolutionforprobableevents

RecommendedBooksforReference:

- (1) BusinessMathematics,SanchethiKapoor
- (2) BusinessMathematics, S.P. Gupta
- (3) MathematicsforCostAccountants,R.Gupta
- (4) BusinessMathematics:MadappaSridharaRao
- (5) BusinessMathematics:Dorairaj,S.N
- (6) BusinessMathematics:B.H.Suresh
- (7) BusinessMathematics:SanchethiAggarwal
- (8) BusinessMathematics:Aggarwal
- (9) BusinessMathematics:Oakandother(HimalayaPublishingHouse)
- (10) KantiSwarup, P.K Gupta Man Mohan, Operations Research
- (11) V.K.Kapoor, Quantitative Techniques