ST. JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

CUDDALORE-1

DEPARTMENT OF ECONOMICS

SYLLABUS 2019-2020

St. Joseph's College of Arts & Science (Autonomous)
Cuddalore - 1

Department of Economics

The Minutes of the meeting of the Board of studies

The Department of Economics conducted the Board of studies meet on 9th March 2019   in the Seminar Hall of Tarbes block from 11.00 a.m.

The university nominee Dr. C. Dhandapani, Professor & Head, Department of Economics, Thiruvalluvar University, Vellore and the subject expert Dr. S. Shafina Banu, Associate professor & Head, Department of Economics, C. Kandaswamy Naidu College for women, Cuddalore were present to assess the syllabus.

The following members were present:

1. **Dr. Alice Mathai**
   Assistant Professor & Head
   Department of Economics,
   St. Joseph's College of Arts and Science (Autonomous),
   Cuddalore – 1

2. **Mr. S. Nirmal Raj**
   Assistant Professor,
   Department of Economics,
   St. Joseph's College of Arts and Science (Autonomous),
   Cuddalore – 1

3. **Dr. P. Murugamani**
   Assistant Professor,
   Department of Economics,
   St. Joseph's College of Arts and Science (Autonomous),
   Cuddalore - 1

The following resolutions were made by the Board members:

1. It is resolved to replace the existing paper of Business Economics-II (AEBM202T) for the semester-II by Monetary Economics for the B.Com. (Bank Management).
2. The Board recommended to change the title of the paper Business Economics-I as Business Economics for I B.Com. (Bank Management).
3. It is resolved to continue the other Economics papers as such.

Read and Signed:

University Nominee   :   Dr. C. Dhandapani

Subject expert   :   Dr. S. ShafinaBanu

Members Present   :   1. Dr. Alice Mathai

                                   2. Mr. S. Nirmal Raj

                                   3. Dr. P. Murugamani

ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE

COURSE STRUCTURE UNDER CHOICE BASED CREDIT SYSTEM (UG)

Year/ Semester	Part	Subject	Paper	Title of the Paper	Subject code	Hours	Credits
I YEAR **First** **Semester**	III	Allied-B.com, Commerce	1	Business Economics-I	AECM101T	5	4
		B.Com, Bank Management	1	Business Economics-I	AEBM101T	5	4
		B.A(History)	1	Tamil Nadu Economy	AECHI101	6	5
		BBA(CA)	1	Application Of Economics In Business	17ABE11	5	4
I YEAR **Second** **Semester**	III	Allied-B.Com, Commerce	2	Business Economics-II	AECM202T	5	4
		B.Com, Bank Management	2	Monetary Economics	19AEBM22	5	4
		B.A(History)	2	Indian Economic Policy	AEHI202S	6	5
II YEAR **Third** **Semester**	III	Allied- B.Com, Bank Management	3	Indian Economy	AEBM303	5	4
		B.A(History)	3	Indian Macro Economic Environment	AEHI303S	6	4
II YEAR **Fourth** **Semester**	III	B.Com, Commerce	3	Indian Economy	AECM403S	5	4
		B.A(History)	4	International Economics	AEHI404	6	5
		Elective Paper	1	ECONOMICS IN EVERYDAY LIFE		5	4

ST.JOSEPH'S COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) CUDDALORE

COURSE STRUCTURE UNDER CHOICE BASED CREDIT SYSTEM (PG)

Year/ Semester	Part	Subject	Paper	Title of the Paper	Subject code	Hour	Credits
I Year First Semester	Elective	M.Com	1	Managerial Economics	EPCM 705S	6	4
		M.Com	1	Mathematical Economics	EPCM 705A	6	4

I B.com / IB.com(Bank Management)	**BUSINESS ECONOMICS - I**	**AECM101T/ AEBM101T**
SEMESTER - I		**HRS/WK – 5 TOTAL 75 HRS**
ALLIED-1		**CREDIT –4**

Objectives:
  ➢ To equip the students with basic knowledge on the principles of business economics.
  ➢ To acquaint the students with consumer behaviour, cost concepts and production function.

Course Outcomes:
   At the end of the Course the students should be able to exhibit

  ➢ **CO1:Understands the Meaning, Definitions of Economics, Business Economics & their relationship**
  ➢ **CO2: knowledge about Demand ,Consumer behavior & Demand Forecasting**
  ➢ **CO3: Indifference curve concept ,Scale of preference of consumer & consumer surplus**
  ➢ **CO4:Knowledge about factors of production features & Laws of production**
  ➢ **CO5: Various cost concepts & their relationship in production process .**

Unit I: Introduction to Business Economics   15 HOURS
Economics-Meaning-Definitions-BusinessEconomics-Definition-Nature   and Scope-Role of Business Economists-Relationship of Business Economics and other disciplines.

Unit II: Demand Analysis   15 HOURS
 Demand –Meaning-Definition-Factors Influencing Demand –Law of Demand – Exceptions to the Law of Demand – Elasticity of Demand –Types of Elasticity of Demand –Demand Forecasting-Meaning-Definition-Objectives.

Unit III: Indifference curve Analysis   15 HOURS
Indifference Curve Analysis – Marginal Rate of Substitution – Properties of Indifference Curves –Indifference Map-Budget line or Price line- Consumer's Equilibrium-Consumer Surplus .

Unit IV: Theory of Production   15 HOURS
Introduction-Factors of Production-Production Function –Importance of Production Function –The Cobb-Douglas Production Function – The Law of Variable Proportions – The Law of Returns to Scale .

Unit V: Cost Function   15 HOURS
Meaning of Cost –Cost Concepts-Short Run Cost curves- Marginal Cost, Average Cost, Total Cost, Fixed Cost, and Variable Cost –Relationship between Average cost & Marginal cost-Long Run Average Cost Curve.

Text Books :
1. JothiSivagnanam. K &Srinivasan R, Business Economics, Tata McGraw Hill Education Pvt. Ltd., Publication, New Delhi.
2. K.K.Dewett,Modern Economic Theory,S.Chand & Company LTD,New Delhi.
3. K.P.M.Sundaram,BusinessEconomics,Sultan Chand and Sons, New Delhi.
4. T.Aryamala ,Business Economics ,Vijay Nicole Imprints Private Limited,Chennai

References:
1. Lipsey, Richard, G.,1969, Introduction to Positive Economics, English Language Book Society and Weidenfeld and Nicolson, London.
2. Mannur,H.G.,1993, International Economics : Theory and Policy Issues, Vikas Publishing House Pvt. Ltd.,New Delhi.
3. Samuelson, Paul Anthony and William D. Nordhaus,1998,Economics,Ed.6,New Delhi: Tata McGraw Hill Publishing Company Ltd.New Delhi.
4. Hal R.Varian,Inter Mediate Micro Economics:A Modern Approach,W.W.Norton and Company,New York.
5. Gardner Ackley ,MicroEconomics,The Macmillan Co,New York.

Journals for Reference
1. Journal of Applied Economics.
2. International Journal of the Economics of Business.

Websites for Reference
http://www.yahoo.com/socialscience/economics/infoseek-economics
www.sciencedirect.com;

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)

All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-I	COURSE CODE: AECM101T/AEBM 101T				TITLE OF THE PAPER: BUSINESS ECONOMICS - I				HOURS:5	CREDITS: 4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4		
CO1	4	4	4	4	4	4	4	4	4	
CO2	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	5	5	5	5	4.5	
CO4	4	4	4	4	4	4	4	4	4	
CO5	5	5	5	5	5	5	5	5	5	
Mean Overall Score									4.5	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

I B.com		AECM202T
SEMESTER - II	BUSINESS ECONOMICS - II	HRS/WK – 5 TOTAL 75 HRS
ALLIED-2		CREDIT –4

Objectives :
  ➢ To understand the behaviuor of Firms in different Marketcopetitions and Factor Pricing .
  ➢ To introduce Welfare Economics.

Course Outcomes:
   At the end of the Course the students should be able to exhibit the following

  ➢ **CO1: Understands Perfect Market competitions,Output ,fixing of price & Role of Time in a market .**
  ➢ **CO2: Understands different Imperfect Market competitions-their Output & Price fixing**
  ➢ **CO3: Get knowledge about Marginal productivity theory in Factor pricing**
  ➢ **CO4:Knowledge about how Interest & profit is determined.**
  ➢ **CO5: Understands the importance of Welfare Economics**

Unit I: Theory of Pricing under Perfect Competition   15 HOURS
Perfect Competition: Equilibrium of the Firm and Industry – Derivation of the Supply Curve – Market Adjustment Process – Time Element.

Unit II: Theory of Pricing under Imperfect Competition   15 HOURS
Monopolistic Competition: Product Differentiation – Selling Cost – Oligopoly – Cournot Model – Kinked Demand Curve – Collusion and Price Leadership.

Unit III: Theory of Factor Pricing-1   15 HOURS
Marginal Productivity Theory of Distribution- Theories of Rent: Ricardian Theory, Modern Theory and Quasi Rent -Theories Of Wages: Iron Law of Wages , Wage Fund Theory.

Unit IV: Theory of Factor Pricing- 2   15 HOURS
Theories of Interest: Loanable Fund Theory, Liquidity Preference Theory- Theories of Profit: Dynamic Theory, Uncertainity Theory and Innovation Theory.

Unit V: Welfare Economics   15 HOURS
Welfare–Meaning - Definition-Positive Economics & Welfare Economics- Divergence between Individual and Social Welfare-New Welfare Economics Pareto's Welfare Criterion.

Text Books :
1. JothiSivagnanam. K &Srinivasan R, Business Economics, Tata McGraw Hill Education Pvt. Ltd., Publication, New Delhi.
2.Dewett.K.K,Modern Economic Theory,S.Chand&Company ltd,Delhi,PP 948-968.
3. K.P.M.Sundaram,Vaish, Micro Economic Theory,Sultan Chand and Sons, New Delhi.

Reference Books:
1. Lipsey, Richard, G.,1969, Introduction to Positive Economics, English Language Book Society and Weidenfeld and Nicolson, London.
2. Mannur,H.G.,1993, International Economics : Theory and Policy Issues, Vikas Publishing House Pvt. Ltd.,New Delhi.
3. Samuelson, Paul Anthony and William D. Nordhaus,1998,Economics,Ed.6,New Delhi: Tata McGraw Hill Publishing Company Ltd.New Delhi.

Journals for Reference
1. Journal of Applied Economics .

2. International Journal of the Economics of Business.

Websites for Reference
http://www.yahoo.com/socialscience/economics/infoseek-economics
www.sciencedirect.com;

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S
SEMESTER-II	**COURSE CODE: AECM202T/AEBM 202T**			**TITLE OF THE PAPER: BUSINESS ECONOMICS - II**			**HOURS:5**		**CREDITS: 4**
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	
CO1	5	5	5	5	5	5	5	5	5
CO2	4	4	4	4	5	5	5	5	4.5
CO3	5	5	5	5	5	5	5	5	5
CO4	4	4	4	4	4	4	4	4	4
CO5	4	4	4	4	4	4	4	4	4
Mean Overall Score									4.5

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

IIB.com/II B.com(Bank Management)	**INDIAN ECONOMY**	AECM403S/AEBM303
SEMESTER – IV/III		**HRS/WK – 5** **TOTAL 75 HRS**
ALLIED -3		**CREDIT –4**

Objectives:
➢ To help the students understand the nature of economy that India is.
➢ To have an all around information about the varied sectors of the Indian Economy.

Course Outcomes:
➢ **At the end of the Course the students should be able to exhibit**

➢ **Co1:**knowledge about the developing nations and its obstacles of economic development.
➢ Co2:understands national incomeconcepts, computation of the National income& constraints faced while calculating the National Income .
➢ Co3: Concentrates on various problems of Indian economy and how to solve the problems with suitable measure like creating employment programs.
➢ Co4: Industrial development from Large scale as well as small scale industries and its role in the overall development of the nation.
➢ Co5: Role of infrastructure development in the country especially on health as well as Education allocations.

Unit I :Introduction   10 HOURS
Economic Growth and Economic Development –Concept and Difference - Features of a Developing Economy – Determinants of Development and Growth-Obstacles to Economic Development.

Unit II :National Income   20 HOURS
National Income- Concepts-Estimates of National Income – Methods of Calculating National Income – Difficulties in the Calculation of National Income – Causes for Slow Growth of National Income – Structural Changes in Indian Economy As Seen in the National Income Data.

Unit III :Problems of the Indian Economy   15 HOURS
Major Problems of the Indian Economy: Poverty - Inequality –Unemployment –Present status of Indian agriculture-Food Self-sufficiency and Food Security in India - Measures to Reduce Poverty –Employment Generation Schemes.

Unit IV :Industrial Sector   20HOURS

Industrialization -Role-Pattern-Effects of industrialization-Large scale industries-Iron and Steel industry-Cotton industry-Sugar industry-Cement industry-Petro chemical industry-Automobile industry-Growth of IT industry in India-Role of Small Scale industries in India-SIPCOT-TIDCO-SIDCO-TIIC-DIC .

Unit V :Infrastructure for Economic Development   10 HOURS
Infrastructure –Concept-Recent measures to develop Infrastructure-Energy--Classification of Energy-Communication- Health-Education.

Text Books :
1. S.Sankaran,Indian Economy ,Marghampublication,Chennai.
2. I.C. Dingra ,IndianEconomy,Sultan Chand and Sons,New Delhi.

Reference:
1. RuddarDutt and K.P.M.Sundharam ,IndianEconomy,S.Chand and Co.Pvt. Ltd (Recent edition), New Delhi.
2. A.N.Agarwal ,Indian Economy : Problems of Development and Planning, Wishwaprakashan,New Delhi.
3. S.K.Misra and V.K. Puri, Indian Economy: Its Development Experience, Himalaya Publishing House, Mumbai.

Question Paper Pattern

Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-IV/III	COURSE CODE: AECM403S/AEBM303S				TITLE OF THE PAPER: Indian Economy				HOURS :5	CREDITS: 4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4		
CO1	4	4	4	4	4	4	4	4	4	
CO2	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	5	5	5	5	4.5	
CO4	4	4	4	4	4	4	4	4	4	
CO5	5	5	5	5	5	5	5	5	5	
Mean Overall Score									4.5	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5

YEAR – I	TAMIL NADU ECONOMY (For B.A. History)	AECHI101
SEMESTER - I		HRS/WK – 6 TOTAL 90 HRS
ALLIED - 1		CREDIT – 5

Objectives:
- ➢ To understand the relevance of regional economics; and
- ➢ To understand the sectoral of Tamil Nadu

Course Outcomes:

At the end of the Course the students should be able to exhibit

- ➢ Co1: Knowledge about the Natural resources in Tamil Nadu and Regional Economic Development.
- ➢ Co2: Understands the poverty alleviation programme, various human Resources and importance of Health and Education in Tamil Nadu.
- ➢ Co3: Economic Planning and planning commission Development in Tamil Nadu .
- ➢ Co4: Knowledge about the agricultural development and industrial development in Tamil Nadu.
- ➢ Co5: Role of Infrastructure development in Tamil Nadu particularly on Transport. Communication, Health and Education.

Unit I:Introduction   18 HOURS
Introduction: Meaning of a Regional Economy – Geographical Features of Tamil Nadu – Natural Resources in Tamil Nadu; Land, Forest, Water (Fisheries) and Minerals.

Unit II:Human Capital   18 HOURS
Human Capital:Human Resources In Tamil Nadu-Size, Growth and Density of Population in Tamil Nadu – The Occupation Pattern in Tamil Nadu – Analysis of the 2011 Census – Social Inputs in Development Efforts: Education, Health, and Nutrition, Water Supply, Housing And Slums – Evaluation of Poverty Alleviation Programmes in Tamil Nadu.

Unit III:Planning   18 HOURS
Planning: Economic Planning and Development in Tamil Nadu – Trend and Composition of SDP – Per Capita SDP – Sectoral Composition.

Unit IV:Agricultural and Industry Sector   18 HOURS
Agriculture: Agricultural Growth – Cropping Pattern – Agricultural Inputs – Irrigation, Fertilizer – Agricultural Marketing: Co-operative Movement In Agriculture – Animal Husbandry, Forestry And Fisheries.
Industry: Growth of Industry – Changes in Industrial Structures – Major Industries: Cotton Textiles, Sugar, Cement, Automobiles, Leather and Electronics – Small and Cottage Industries – Light Engineering Industries – Industrial Finance.

Unit V:Service Sector   18 HOURS
Service Sector: Infrastructure in Tamil Nadu – Energy, Power, Transport, Communication and Banking.

Text Books:
1. A G Leonard S J . 2006. Tamil Nadu Economy,Rajiv Bero Macmillan India Limited,New Delhi.
2. Dr.N.Rajalakshmi. 1999. Tamil Nadu Economy, Business Publication,Mumbai.

Reference Books:
1. Kurien, C.T and James Jospeh, 1979, Economic change in Tamil Nadu; A Regionally and Functionally Disaggregated study, Allied Publishers Pvt Ltd., New Delhi.
2. Government of Tamil Nadu, Tamil Nadu, An Economic Appraisal, Evaluation and Applied Research Department, Chennai, Various Issues.
3. Madras Institute of Development studies, 1988, Tamil Nadu Economy Performance and Issues, Oxford and IBH Publishing Co., New Delhi.
4. Tamil Nadu Economic Appraisal

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)

Three out of five with open choice

SEMESTER-I	COURSE CODE: AECHI101				TITLE OF THE PAPER: Tamil Nadu Economy				HOURS:6	CREDITS: 5
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4		
CO1	4	4	4	4	4	4	4	4	4	
CO2	5	5	5	5	5	5	5	5	5	
CO3	4	4	4	4	5	5	5	5	4.5	
CO4	4	4	4	4	4	4	4	4	4	
CO5	5	5	5	5	5	5	5	5	5	
Mean Overall Score									4.5	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

I – B.A (History)	INDIAN ECONOMIC POLICY (For B.A. History)	AEHI202S
SEMESTER - II		HRS/WK – 6 TOTAL 90 HRS
ALLIED - 2		CREDIT - 5

Objectives:
 ➢ To understand the Economic systems in India .
 ➢ To understand the three basic Sectors of India & the policies

Course Outcomes:

At the end of the Course the students should be able to exhibit

Co1: Emerging Economy of India and given information about NITI Aayog.
Co2: Present situation of Indian Agriculture and its pricing policy, irrigation facilities, food security and various subsidies.
Co3: Role of industrial sector development before and after globalization and its development during five year plans.
Co4: Population policy in India and its consequences
Co5: Role of Service sector contribution in Indian Economic Development.

Unit I: Economic System in India   18 HOURS
Capitalism-Socialism-Mixed Economy-Policy of Mixed economy and its relevance to India-Emergence of capitalism-NITI Aayog

Unit II:Agriculture   18 HOURS
Place of Agriculture in Indian Economy-Need For Food Security In India-Irrigation and Agricultural Input Pricing Policies in India - Agricultural Subsidy-Second Green Revolution -Agricultural Output and Pricing Policies in India.

Unit III:Industry   18 HOURS
Role of Industries in Indian Economic Development-Small Vs Large Scale Industries - Reasons For Industrial Sickness in India – Tell About the Latest Sickness-   Industrial Growth in the Last Two Five Year Plans-Industrial Policy of Government of India 1956,1991-Globalization and Industrial Growth. .

Unit IV:Population   18 HOURS
An Analysis on Recent Population Census-Theory of Demographic Transition-Effects of Rising Population in India -   Family Planning Policy in India under Five Year Plans - New Population Policy.

Unit V:Service Sector   18 HOURS

Role of Different Modes of Transport in Indian Economic Development-Need for Government Intervention in the Provision of Health and Education in India-Composition of India's Foreign Trade -Performance of Indian Capital Markets – Role of SEBI-Impact of WTO in India.

Test Books:
1. Datt, Ruddar and KPM Sundharam, Indian Economy, S.Chand and Co.Pvt. Ltd , New Delhi.
2. Dhingra, I C, Indian Economy, New Delhi, Sultan (Recent edition)

Reference Books:
1. Agarwal, A.N., Indian Economy: Problems of Development and Planning, WishwaPrakashan,New Delhi.
2. Uma Kapila, Indian Economy since Independence, Academic Foundation 2002.
3. Sen, Raj Kumar and Chatterjee, Biswaajit, India Economy: Agenda for the 21st century, Deep and Deep Publications 2002
4. Bhagwati, Jagdish N. and Padma Desai, Planning for Industrialisation, Oxford University Press, London (Recent edition)
5. FrancisCherunilam, Industrial Economics: Indian Perspective, Himalaya Publishing House, Mumbai (Recent edition)
6. Kuchhal, S.C., The Industrial Economy of India, Chaitanya Publishing House, Allahabad (Recent edition)

Question Paper Pattern

Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-2	COURSE CODE: AEHI202S			TITLE OF THE PAPER: Indian Economic Policy				HOURS:6	CREDITS: 5
COURSE OUTCOMES	**PROGRAMME OUTCOMES(PO)**				**PROGRAMME SPECIFIC OUTCOMES(PSO)**			**MEAN SCORE OF CO'S**	
	PO1	**PO2**	**PO3**	**PO4**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	
CO1	4	4	4	4	4	4	4	4	4
CO2	5	5	5	5	5	5	5	5	5
CO3	4	4	4	4	5	5	5	5	4.5
CO4	4	4	4	4	4	4	4	4	4
CO5	5	5	5	5	5	5	5	5	5
Mean Overall Score								**4.5**	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

II B.A HISTORY	**INDIAN MACRO ECONOMIC ENVIRONMENT**	**AEHI303S**
SEMESTER - III		HRS/WK – 6 TOTAL 90 HRS
ALLIED-3		CREDIT –4

Objectives :
  ➢ To impart the students with the basic principles and concepts of the Indian Environment.
  ➢ To provide knowledge on socially relevant environment.

Course Outcomes:

At the end of the Course the students should be able to exhibit
   Co1: Understand the Economics growth and Development, Five year and plans and goals of the country.
   Co2: Given awareness about Indian population trending and its effects on Indian economy.
   Co3: Exhibits about unemployment problems and Indian poverty since independence. Measures to control unemployment problems.
   Co4: Spreading ideas about Indian monetary system and its functions.
   Co5: Providing knowledge about Indian Tax system, tax reforms and fiscal policies of Indian government.

Unit I: Major problems of the Indian Environment   15 HOURS
Meaning and Measurement of Economic Growth – Growth Vs Development – Other Indicators of Growth – Determinants of Economic Development – Economic Growth in India – The Twelth Five Year Plan-Major Macro Economic goals.

Unit II: Economic Growth and Population   15 HOURS
Relationship Between Economic Growth And Population: Theories Of Population – Malthusian Theory, The Optimum Theory, The Demographic Theory of Transition – Evaluation of India's Population Trends – Growth of Population in India and Its Effect on Economic Development –Demographic Profile of India 2011-National Population Policy 2000.

Unit III: Unemployment and Poverty   20 HOURS
Unemployment and Poverty: Meaning and Types of Unemployment – Causes of Unemployment – Extent of the Problem – Unemployment Among Particular Categories – Concept of Poverty- Causes of Poverty – Review of Poverty – Removal and Employment Generation Programmers.

Unit IV: Monetary Policy   20 HOURS
Monetary Policy: Meaning and Objective of Monetary Policy – Instrument of
Monetary Policy – Monetary Policy In India.

Unit V: Fiscal Policy   20 HOURS
Fiscal Policy: Meaning of Fiscal Policy – Objectives of Fiscal Policy – Tools of
Fiscal Policy – Fiscal Policy In India – Public Revenue in India – Tax Revenue –
Tax Structure in India – Tax Reforms in India-Non Tax Revenue.

Text Book:
1. RuddarDutt&Sundharam P,2000, Indian Economy,Sultan Chand & Sons, New Delhi.
2. Diwedi DN,2002, Indian Economy,Vikas Publishing House (P) Ltd, New Delhi.

References:
1. M.L. Jinghan, 2000, Development Economics, Sultan Chand and Sons, New Delhi.
2. FrancisCherunilam, Indian Economy, Himalaya Publishing House, New Delhi.

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-3	COURSE CODE: AEHI303S		TITLE OF THE PAPER: Indian Macro Economic Environment				HOURS:6	CREDITS: 3
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)			MEAN SCORE OF CO'S
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	
CO1	4	4	4	4	4	4	4	4	4
CO2	4	4	4	4	5	5	5	5	4.5
CO3	4	4	4	4	4	4	4	4	4
CO4	5	5	5	5	5	5	5	5	5
CO5	5	5	5	5	5	5	5	5	5
Mean Overall Score									4.5

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

II B.A HISTORY		CODE:AEHI404
SEMESTER - IV	**INTERNATIONAL ECONOMICS**	HRS/WK – 6 TOTAL 90 HRS
ALLIED-4		CREDIT –5

Objectives :
 ➢ To impart the students with the basic principles and concepts of International Economics.
 ➢ To provide knowledge on the present international environment.

Course Outcomes:

 ➢ **At the end of the Course the students should be able to exhibit**

 ➢ Co1: Knowledge about International Economy, India' Current position of Foreign trade, and India's import, export trends.
 ➢ Co2: Understands India's Balance of Payment ,Balance of trade, Devaluation and its lights and shadows.
 ➢ Co3: Knowledge about Globalisation, Globalized India , its merits , demerits & effect on Indian economy.
 ➢ Co4:Understands World Trade Organization ,its origin,Structure,Features ,Functions, Major trade agreements and its relavance in Indian Context
 ➢ Co5: Knowledge about I nternational Financial organizations and its Uses to the Indian Economy.

Unit I: International Trade   15 HOURS
International Trade: Meaning of Composition and direction of India's Foreign Trade – Pattern of Imports – Sources of Imports – Pattern of Exports – Direction of Exports – Terms of Trade – Causes of unfavorable terms of trade for Developing Countries.

Unit II: Balance of Trade and Balance of Payment   20 HOURS
Balance of Trade – Balance of Payment – Trends in Balance of Payments – Measures for Overcoming the Critical BoP Problem – Devaluation – Devaluation in India – Devaluation in 1991 – Foreign Trade Policy – Export-Import Policy.

Unit III: India and the World Economy   15 HOURS
Meaning of Globalisation – Merits and Demerits ofGlobalisation –Effect of Globalisation on Indian Economy.

Unit IV: World Trade Organisation   20 HOURS
Historical growth of WTO –Origin and Structure of WTO – Features of WTO – Functions of WTO – Major Trade Agreements – Areas of relevance in the Indian Context .

Unit V: International Financial Organisations   20 HOURS
International Monetary Fund: functions – Operations of the IMF – Special Drawing Rights – World Bank: Objectives – Functions – Asian Development Bank: Objectives – functions – European Union: Objectives – Institutions of the EU – Achievements of the EU – EU and India.

Text Books:
Dominic Salvatore,2008 Ed, International Economics ,ESS PEE KAY Publishing House.

References:
1. Sundaram KPM &Sundaram EN, 2000, Business Economics, Sultan Chand and Sons, New Delhi.
2. Cherunilam,Francis, Business Environment, Himalaya Publishing House, New Delhi.

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-4	COURSE CODE: CODE:AEHI404		TITLE OF THE PAPER: International Economics				HOURS:6	CREDITS: 3
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)		PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	
CO1	4	4	4	4	4	4	4	4	4
CO2	5	5	5	5	5	5	5	5	5
CO3	4	4	4	4	5	5	5	5	4.5
CO4	4	4	4	4	4	4	4	4	4
CO5	5	5	5	5	5	5	5	5	5
Mean Overall Score									4.5

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

I BBA(CA)	APPLICATION OF ECONOMICS IN BUSINESS	17ABE11
SEMESTER - I		HRS/WK – 5 TOTAL 75 HRS
ALLIED-1		CREDIT –4

Objectives:
  ➤ To equip the students with basic knowledge of Economics.
  ➤ To acquaint the students with consumer behaviour, cost concepts and production function and business cycle.

Course Outcomes:

At the end of the Course the students should be able to exhibit

  ➤ **CO1:** Understands the definitions of Economics and Business related definitions.
  ➤ CO2: Analyzes the Demand and Supply factors , Types of Elasticity of demand and Demand forecasting .
  ➤ CO3: knowledge about all the Cost concepts in the Short run and long run and Revenue concepts.
  ➤ CO4: Understands the Production function , Market Morphology & Pricing under Imperfect competition.

  ➤ **CO5**: knowledge about the Business cycle, Phases of Business cycle and theories related business cycle.

Unit I: Introduction to Economics   15 HOURS
Definitions of Economics –Scope –Positive and Normative Economics-Economics and Business

Unit II: Demand and Supply Analysis   20 HOURS
Law of Demand –Factors Influencing Demand –Law of Supply –Factors determining supply- Elasticity of Demand –Types-Price Elasticity –Income Elasticity –Cross Elasticity-Demand Forecasting-Meaning-Definition-Forecasting demand for New products.

Unit III: Cost and Revenue Analysis   15 HOURS
Meaning of Cost –Cost Concepts-Short Run Cost curves- Marginal Cost, Average Cost, Total Cost, Fixed Cost, and Variable Cost –Opportunity cost-Relationship between Average cost & Marginal cost-Long Run Average Cost Curve. Concepts of Revenue-Average Revenue-Marginal Revenue

Unit IV: Production Analysis and Pricing policy   15 HOURS

Production Function –Laws of Production– The Law of Returns to Scale-Economies and Diseconomies of scale-Market Morphology-Introduction of Types of market- Pricing in imperfect competition.

Unit V: Business cycles   **10 HOURS**

Meaning – Definition -Characteristics-Phases of Business Cycle- Theories of Business cycle- Schumpeters Innovation theory-Sun spot theory-Control of business cycle.

Text Books :
   1 .Jothi Sivagnanam. K & Srinivasan R, Business Economics, Tata McGraw Hill Education Pvt. Ltd., Publication, New Delhi.
   2. S.Sankaran, Business Economics, Margham Publication,Chennai
   3.T. Aryamala ,Business Economics ,Vijay Nicole Imprints Private Limited,Chennai.
   4.K.P.M.Sundaram, Business Economics,Sultan Chand and Sons, New Delhi.

References:
   1.Lipsey, Richard, G.,1969, Introduction to Positive Economics, English Language   Book Society and Weidenfeld and Nicolson, London.
   2.Mannur,H.G.,1993, International Economics : Theory and Policy Issues, Vikas Publishing House Pvt. Ltd.,New Delhi.
   3.Samuelson, Paul Anthony and William D. Nordhaus,1998,Economics,Ed.6,New Delhi: Tata McGraw Hill Publishing Company Ltd.New Delhi.
   4.HalR.Varian,InterMediate Micro Economics:A Modern Approach,W.W.Norton and Company,New York.
  5.Gardner Ackley ,MicroEconomics,The Macmillan Co,New York.

Journals for Reference
1.Journal of Applied Economics.
2.International Journal of the Economics of Business.

Websites for Reference
http://www.yahoo.com/socialscience/economics/infoseek-economics
www.sciencedirect.com;

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Question Paper Pattern
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Time: 3 hours   Marks: 75

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Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)
</div>

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-I	COURSE CODE: 17 ABE11				TITLE OF THE PAPER: APPLICATION OF ECONOMICS IN BUSINESS				HOURS:5	CREDITS: 4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4		
CO1	4	4	4	4	4	4	4	4	4	
CO2	5	5	5	5	5	5	5	5	5	
CO3	5	5	5	5	5	5	5	5	5	
CO4	4	4	4	4	4	4	4	4	4	
CO5	4	4	4	4	5	5	5	5	4.5	
Mean Overall Score									4.5	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

IB.com(Bank Management)		19AEBM22
SEMESTER - II	**MONETARY ECONOMICS**	HRS/WK – 5 TOTAL 75 HRS
ALLIED-2		CREDIT –4

Objectives :
 ➢ To give basic and clear understanding of Indian monetary system .
 ➢ To know the relevance of Inflation & Monetary Policy.

Course Outcomes:

At the end of the Course the students should be able to exhibit

 ➢ **CO1:** Understands the definitions of Money,Functions of Money,Defects and Iportance of money.
 ➢ CO2: Analyzes the concept of value of money with the help of various theories & learns to prepare Index number.
 ➢ CO3: Understands the classical & keynesian view of Demand & Supply money,Neutrality & Velocity of money.
 ➢ CO4: Understands   the   concept   Inflation,Features,Types,Effects &Measures to control inflation.

 ➢ **CO5**: Understands the Monetary policy Meaning , Definition, Role, limitations & role of Central bank .

Unit I: Introduction   15 HOURS
Barter system and its defects-Evolution of money-Definition of Money-Kinds of Money-Functions of Money-Primary Functions of Money-Secondary Functions of Money-Contingent Functions –Static & Dynamic Functions of Money- Defects of Money-Significance of Money.

Unit II:Value of Money   15 HOURS
Concept of the value of Money- Quantity Theory of Money – Fisher's Transaction Approach – Assumption of Equation of Exchange- Criticism of Quantity Theory and Fishers Equation- Cambridge Cash Balance Approach and its criticism- Index Numbers- How to prepare an Index Number- Uses and Limitation of Index Numbers.

Unit III:Demand and Supply of Money   15 HOURS
The Demand for Money-Classical view of Demand for Money-Keynesian view of

Demand for Money -The supply of Money-Money supply &Economic activity—Creation of Money- Bank as a Creator of Money-Central Bank as creator of Money-The Government as Creator of Money-Neutrality of Money-Velocity of circulation of Money.

Unit IV: Inflation   15HOURS
Meaning & Definition – Characteristics Of Inflation-Types of Inflation-Causes of Inflation-Demand Pull Inflation-Cost Push Inflation-Demand Shift Inflation-Inflationary Gap-Effects of Inflation-Anti-inflationary Measures.

Unit V: Monetary Policy   15 HOURS
Meaning and Definition – Objectives of Monetary policy – Role of Monetary policy in Indian Economic Development- Central bank and Instrument of monetary policy - limitation of Monetary policy.

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Text Books :
1. R.Cauvery, N.Kruparani, U.K.Sudha Nayak , A.Manimekalai, Monetary Economics, Sultan Chand & Company LTD,Ram Nagar New Delhi.
2. S.Sankaran ,Monetary Economics , Margham Publication, Chennai .

Reference Books:
1**.** K.K.Dewett, Modern Economic Theory,S.Chand & Company LTD,New Delhi.
2. M.L.Jhingan, Monetary Economics**,** Sultan Chand & Company LTD,Ram Nagar New Delhi **.**
3. T.T.Sethi, Monetary Economics, Sultan Chand & Company, New Delhi .
4.Suraj,B.Gupta**,** Monetary Economics**,** Sultan Chand & Company, New Delhi.

 Journals for Reference

1.journal of monetary economics paper .

2. journal of money credit and banking

Websites for Reference
http://www.yahoo.com/socialscience/economics/infoseek-economics
www.sciencedirect.com;

https://www.journals.elsevier.com/journal-of-monetary-economics

Question Paper Pattern
        Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-II	COURSE CODE:				TITLE OF THE PAPER: Monetary Economics				HOURS:5	CREDITS: 4
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4		
CO1	4	4	4	4	5	5	5	5	4.5	
CO2	5	5	5	5	5	5	5	5	5	
CO3	5	5	5	5	5	5	5	5	5	
CO4	4	4	4	4	5	5	5	5	4.5	
CO5	5	5	5	5	5	5	5	5	5	
Mean Overall Score									4.9	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5
Rating	Very Poor	Poor	Moderate	High	Very High

I M.Com		CODE:EPCM705S
SEMESTER - I	MANAGERIAL ECONOMICS	HRS/WK – 6 TOTAL 90 HRS
Elective-1		CREDIT –4

Objectives:
➢ To introduce the concepts in Economics required for Managers.
➢ To provide an understanding of Managerial models.

Course Outcomes:
At the end of the Course the students should be able to exhibit

➢ **CO1:Understands the Meaning, Definitions, Features, Scope of Managerial Economics, Decision making process & understand the responsibilities of business man towards society**
➢ **CO2: knowledge about Demand Forecasting methods , Demand Forecasting for New products criteria for good forecasting.**
➢ **CO3:Understands the meaning of capital budgeting , nature, &methods of appraising profitability**
➢ **CO4:Understands different pricing methods ,cost functions ,Revenue functions ,Break even analysis & Equilibrium of the Firm.**
➢ **CO5: Understands Linear programming meaning, definition ,features ,Formulation & Graphical & Simplex method**

Unit I: Introduction   15 HOURS
Managerial Economics-Meaning-Definition-Features–Scope of Managerial Economics -Economic theory and managerial theory-Decision making process-Social Responsibility of Business.

Unit II: Demand Forecasting   20 HOURS
Demand Forecasting- Meaning – Purpose – Methods of Demand Forecasting – Survey Methods –Expert opinion–Market Experiments – Econometric method-Statistical Methods-Forecasting Demand for New products-Criteria for Good Forecasting Method.

Unit III: Capital Budgeting   15 HOURS
Capital Budgeting-Pre-Requisite of Capital Budgeting –Nature of Capital Budgeting- Methods Of Appraising Profitability.

Unit IV: Product Pricing   20 HOURS
 Pricing Methods-Cost oriented & competition oriented-Pricing a new product-Price discrimination-meaning- International price discrimination and dumping- Cost Function – Revenue Function – Equilibrium of the Firm – Break-Even Analysis .

Unit V: Linear Programming   20 HOURS
Linear Programming-Meaning-Features- Formulation of Linear Programming
Problems – Graphical Solution – Simplex Method.

Text Books:
1.R.L.Varshney & K.L.Maheshwari, Managerial Economics,Sultan Chand and
Sons,New Delhi.
2.H.L.Ahuja, Managerial Economics,S Chand and Co ltd,New Delhi.

Reference Books:
1. Dominick Salvatore , Managerial Economics,Schaum's outline
   series,McGraw-Hill Book company New Delhi.

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)

Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-I	COURSE CODE: EPCM705S				TITLE OF THE PAPER: Managerial Economics				HO URS :6	CREDITS: 3
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)				MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4		
CO1	4	4	4	4	4	4	4	4	4	
CO2	5	5	5	5	5	5	5	5	5	
CO3	5	5	5	5	5	5	5	5	5	
CO4	4	4	4	4	4	4	4	4	4	
CO5	4	4	4	4	5	5	5	5	4.5	
Mean Overall Score									4.5	

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5

I M.Com		CODE:EPCM705A
SEMESTER - I	**Mathematical Economics**	HRS/WK – 6 TOTAL 90 HRS
Elective-2		CREDIT –4

Objectives:
- ➢ Economics is increasingly becoming quantitative in nature. For the Students of today , Mathematical skills have become an essential element in the toolkit for higher education.

- ➢ The students are to develop skills in mathematical techniques that are required for a meaningful study of both theoretical and applied economics.

Course Outcomes:
At the end of the Course the students should be able to exhibit

- ➢ CO1:Understands the variables,constants,derivatives,differentiation & product quotient rules.
- ➢ CO2: knowledge about the slope of a curve,points of influxion & production function.
- ➢ CO3:Understands the Integral calculus,standard form,consumer surplus & producer surplus.
- ➢ CO4:Understands Homogenous and Linear Differential Equations, application of various cost & elasticity.
- ➢ CO5: Understands Growth rate simple & compound depreciation ,future & present value calculations.

Unit-I Differential Calculus   20 HOURS

Variables – Constants – Parameters- functions- Limits – Derivatives of algebraic functions- - Exponential, Logarithmic functions- Parametric differentiation – product and quotient rules – successive differentiation of second order- partial differentiation.

Unit-II Maxima and Minima concepts   15 HOURS

Slope of a curve - Maxima and Minima – Points of inflexion –Cobb Douglas production function and its properties- Eulers theorem – Lagrange's method.

Unit-III Integral Calculus   15 HOURS

Integration – Standard forms- Definite and indefinite integrals – Integration by parts-Area of a curve –Consumer's Surplus-Producer's surplus.

Unit-IV Differential Equations   20 HOURS

Homogenous and Linear Differential Equations- Second order derivatives and Curvature Convex, Concave, Point of Inflexion - Application in Economics: TC, AC, MC curves - Elasticity and the derivatives.

Unit-V Financial Mathematics   20 HOURS

Growth rate- Simple and Compound, Depreciation- Time Value of Money- Future and Present Value, Compounding and Discounting, Net Present Value and Internal Rate of Return. NB: (Mathematical proof of Theorems is not necessary.)

Textbooks:
1. Mehta and Madnani (2004), Mathematics for Economics Sultan Chand & sons publications, New Delhi.
2. Bradley, Teresa and Paul Patton (2008) Essential Mathematics for Economics Bersicess, Wiley India, New Delhi References.

References:
1. Anthony, Matrix and Norman Biggs (2009) Mathematics for Economics and Finance: methods and modeling Cambridge University, Omen, United Kingdom .

2. Rehshaw, Geoff (2009), Maths for Economics; 2nd Edition Oxford University Press, New Delhi.

3. Vittal .P.R.(2012), Business Mathematics and Statistics, Margham Publication, Chennai.

Question Paper Pattern
Time: 3 hours   Marks: 75

Part - A   : (10 x 2 =20 marks)
All the questions are to be answered

Part – B: (5 x 5 = 25 marks)
Five questions with internal choice.
(Either or pattern)
Part – C: (3 x 10 = 30 marks)
Three out of five with open choice

SEMESTER-I	COURSE CODE: EPCM705A			TITLE OF THE PAPER: Mathematical Economics				HO URS :6	CREDITS: 3
COURSE OUTCOMES	PROGRAMME OUTCOMES(PO)				PROGRAMME SPECIFIC OUTCOMES(PSO)			MEAN SCORE OF CO'S	
	PO1	PO2	PO3	PO4	PSO1	PSO2	PSO3	PSO4	
CO1	4	4	4	4	4	4	4	4	4
CO2	5	5	5	5	5	5	5	5	5
CO3	5	5	5	5	5	5	5	5	5
CO4	4	4	4	4	4	4	4	4	4
CO5	4	4	4	4	5	5	5	5	4.5
Mean Overall Score									4.5

Result: This Course is having **VERY HIGH** association with Programme Outcome and Programme Specific Outcome

Association	1%-20%	21%-40%	41%-60%	61%-80%	81%-100%
Scale	1	2	3	4	5
Interval	0<=rating<=1	1.1<=rating<=2	2.1<=rating<=3	3.1<=rating<=4	4.1<=rating<=5