DEPARTMENT OF ECONOMICS

B.A /B.Sc ECONOMICS

B.Sc ECONOMETRICS

B.A. RURAL DEVELOPMENT

B.A ECONOMICS HONOURS

BOARD OF STUDIES - I,II,III,IV,V SEMESTERS

2022-2023

DEPARTMENT OF ECONOMICS

2022-2023

Government College Rajahmundry NAAC A+
An Autonomous Institution since 2000
Affiliated to Adikavi Nannaya University
3.38/4.00
(RAF-2017)
ESTD. 1853

DEPARTMENT OF ECONOMICS

Government college (A), Rajamahendravaram is a prestigious college in Andhra Pradesh. It was started as Zilah School in 1853 it acquired the status of a secondary Grade college. In 1891 the college affiliated to the Madras University.

➢ Introduction in B.A course with Economics, History and Politics was commenced in 1930, after obtaining affiliation to Andhra University in 1926.

➢ Introduction of B.A (Economics, Statistics & Commerce) in 1976-77

➢ Introduction of B.A (Economics, Statistics & Computers) in 2007-2008

➢ Introduction of B.Sc. (Economics, Statistics & mathematics) in 2008-2009.

➢ Introduction of B.A. (Economics, History & Special Telugu)) in 2015-2016

➢ Introduction of B.Sc. (Econometrics, Statistics & mathematics) in 2017-2018.

➢ Introduction of B.A. (Public Admn., Sociology & Rural development) in 2018-2019.

➢ Introduction of B.A – HETTM (History, Economics& Tourism and Travel Management) in 2018-2019.

➢ Introduction of M.A (Economics) in 2019-2020.

➢ Introduction of B.A (Honours) in 2020-2021

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DEPARTMENT OF ECONOMICS

Consolidated Report of Board of Studies for the year 2022- 2023(I,II,III,IV,V Semesters). The Board of Studies of Department of *Economics* was convened on **27-07-2022** under the chairmanship of *Sri Dr.D.V.Nageswara Rao* Lecturer in charge of Department of Economics and the following members were present.

S.No	Name	Designation	Signature
1	Sri. Dr. D.V.Nageswara Rao	Chairman	
2	Dr..K.V.V.A.P.T.Surya Rao, Principal (Rtd.) DNR College (A), Bhimavaram	Subject Expert	
3	M.Venkateswara Rao, PR College (A) Kakinada	Subject Expert	
4	Dr. P. Lakshminarayana, Dept. of Economics, UCAC,ANUR	University Nominee	
5	Sri B. Satyanarayana, Chief Manager, State Bank of India, Rajahmundry	Expert form Industry	
6	Dr.R.Balayya	Member	
7	Sri K.Ananda Rao	Member	
8	Sri Ch Sanjeev Kumar	Member	
9	Dr.A,Prasadu (Guest Faculty)	Member	
10	Ch.Gandhi Mani (Guest Faculty)	Member	
11	K.V.Ganesh Kumar (Guest Faculty)	Member	
12	Amudala Keerthi (Guest Faculty)	Member	
13	D.D.S lakshmi (Guest Faculty)	Member	
14	T.Lakshmi Teja (Guest Faculty)	Member	
15	S.Divya II B.A Economics (Honours)	Student Member	
16	N. Likitha II B.A EHP	Student Member	

The following documents are submitted to the Academic coordinator and Controller of Examinations:

1. Resolutions of Board of Studies Meeting.
2. Syllabi of I,II,III,IV,V Semesters under CBCS pattern for B.A& B.Sc (Economics), B.Sc. (Econometrics)-I,II,III,IV,V semesters
3. Syllabi of I,II,III,IV,V Semester under CBCS pattern for B.A Rural development (Public Admn., Sociology & Rural development)
4. Syllabi of I,II,III ,IV & V semesters CBCS pattern for B.A (Economics) Honours
5. Model Question Papers for I,II, III,IV,V Semesters under CBCS pattern.
6. Syllabus and Model question paper for Certificate Course
7. List of Revised Examiners

Date:27-07- 2022

Chairman

Board of Studies
Department of Economics

Government College Rajahmundry

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DEPARTMENT OF ECONOMICS
Board of Studies Meeting 2022- 2023 (I,II,III,IV & V Semesters)
Held on 27-07-2022

RESOLUTIONS:

1. Resolved to adopt certain changes in syllabi approved by ANUR as per APSCHE in UGC Model curriculum under CBCS pattern and question papers for the benefit of the students in quality enhancement in academics.

2. Resolved to adopt the Syllabi for the I,II, III,IV & V semesters as per APSCHE under CBCS pattern for the academic year 2022-23

3. Resolved to adopt certain changes in syllabi and question papers for the benefit of the students in quality enhancement in academics.

4. Resolved to approve model question papers for I,II,III,IV,V B.A/B.Sc. Economics and Econometrics for I,II, III, IV, V Semesters.

5. Resolved to continue a Certificate Course in "*Office Management*" for the 1st year students

6. Resolved and approved the list of paper setters and examiners for Academic year 2022 – 2023.

7. Resolved to dispense the existing Telugu medium courses I.e., B.A EHP ESC, HET& HETTM to English medium from the academic year 2021-22

University Nominee   Local Nominee   Chairman of Board of Studies

Government College Rajahmundry

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Affiliated to Adikavi Nannaya University

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Board of Studies Meeting 2022- 2023

Room NO: 16   Date: 27-07-2022
Department of Economics   Time:10.00 AM

AGENDA:

1. To consider and adopt to make certain changes in syllabi and Question Papers under CBCS pattern for the benefit of the student in Academic improvement.

2. To consider and approve Model Question Papers for I,II,III,IV, V   B.A/B.Sc. Economics and Econometrics for I,II, III,IV, V Semesters.

3. To consider and approve Syllabi and model question papers for the Certificate Course in *Office Management*

4. To consider and approve syllabi and model question paper for the I,II,III,IV,V Rural Development course.

5. To consider and approve syllabi and model question paper for the I,II,III,IV ,V and VI Semesters for B.A ECONOMICS(HONOURS)

6. To consider and approve the list of paper setters and examiners for Academic year 2022-2023.

7. To consider and approve different pedagogy in teaching and learning prescribed by CCE, AP.

8. To consider and approve external assessment and internal assessment as 50:50 for, I,II,III, IV V semesters.

9. To consider and approve minimum marks in internal assessment as 40% i.e. 20 marks for I,II III, IV,V semesters

10. To dispense the existing Telugu medium courses I.e., B.A EHP ESC, HET& HETTM to English medium from the academic year 2021-22

Date: 27-07-2022

Chairman
Board of Studies
Department of Economics

DEPARTMENT OF ECONOMICS

LIST OF EXAMINERS 2022-2023

S.No	Name Of The Lecturer	Designation	College
1	Dr.K.YAMUNA	Lecturer In Economics	ASD (W) Kakinada
2	M.BALA RAJU	Lecturer In Economics	GDC, Jaggampeta
3	MALLIKARJUN NAYAK	Lecturer In Economics	PR College, Kakinada
4	Dr.P. JAYANANDH KUMAR	Lecturer In Economics	GDC Kovvur
5	BALA NARASIMHULU	Lecturer In Economics	GDC Ramachandrapuram
6	K. CHINNA BABU	Lecturer In Economics	GDC, Ravulupalem
7	K. RAMADEVI	Lecturer In Economics	GDC Kothapeta
8	M.VENKATESWARA RAO	Lecturer In Economics	PR College, Kakinada
9	G. Pavani Devi	Lecturer In Economics	ASD (W) Kakinada
10	K. Hanumanta Rao	Lecturer In Economics	GDC(M) Nidadavole

DEPARTMENT OF ECONOMICS
COURSE OBJECTIVES

➢ To understand Economics is about the allocation of scare resources, that scarcity fore's choice, trade off exist and that every choice has an opportunity cost. Demonstrate their concepts using a production possibility frontier diagram.

➢ To understanding how comparative advantage provides the basis for gains through rate.

➢ To list the determinants of the demand and supply for a good in a competitive market and explain how that demand and supply together determine equilibrium price.

➢ To understand the role of price in allocating scarce resources in market Economics and explain the consequence of price controls

➢ To define an externality and a public good and why explain the presence of externalities and public goods make markets inefficient. Analyse various government policies aimed at solving these inefficiencies.

➢ To understand the costs of production and how profit maximizing firms determine how much to produce be also to distinguish between long run decisions and short run decisions.

➢ To distinguish between perfect competition and imperfect competition and be able to explain the welfare lose in non-competitive markets.

➢ To understand the causes and effects of inflation and unemployment

➢ To describe the macro economy using aggregates demand and aggregate supply

➢ To using employment and national income statistics students will be able to describe and analyse economy in quantitative items.

➢ To students will be able to describe the contemporary banking and monetary system, and analyse the role of money, credit, and Federal Reserve monetary policy.

➢ To outline the rate of comparative advantage in exchange. Describe the role of international trade and finance in domestic Economic activity.

➢ To students will be able to utilize a simple contemporary economic model such as the aggregate supply aggregate demand model and describe the inter relationship among price, income and interest rates as they affect consumption, saving and investment.

➢ To analyse fiscal and monetary policy decisions to counter business cycle swings by using macro-Economic models.

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DEPARTMENT OF ECONOMICS
LEARNING OUTCOMES

➢ Understand Economics is about the allocation of scare resources, that scarcity fore's choice, trade off exist and that every choice has an opportunity cost. Demonstrate their concepts using a production possibility frontier diagram.

➢ Understanding how comparative advantage provides the basis for gains through rate.

➢ List the determinants of the demand and supply for a good in a competitive market and explain how that demand and supply together determine equilibrium price.

➢ understand the role of price in allocating scarce resources in market Economics and explain the consequence of price controls

➢ Define an externality and a public good and why explain the presence of externalities and public goods make markets inefficient. Analyse various government policies aimed at solving these inefficiencies.

➢ Understand the costs of production and how profit maximizing firms determine how much to produce be also to distinguish between long run decisions and short run decisions.

➢ Distinguish between perfect competition and imperfect competition and be able to explain the welfare lose in non-competitive markets.

➢ understand the causes and effects of inflation and unemployment

➢ describe the macro economy using aggregates demand and aggregate supply

➢ Using employment and national income statistics students will be able to describe and analyse economy in quantitative items.

➢ Students will be able to describe the contemporary banking and monetary system, and analyse the role of money, credit, and Federal Reserve monetary policy.

➢ Outline the rate of comparative advantage in exchange. Describe the role of international trade and finance in domestic Economic activity.

➢ Students will be able to utilize a simple contemporary economic model such as the aggregate supply aggregate demand model and describe the inter relationship among price, income and interest rates as they affect consumption, saving and investment.

➢ Analyse fiscal and monetary policy decisions to counter business cycle swings by using macro-Economic models.

B.A/ B.Sc PROGRAMME – COURSE STRUCTURE IN ECONOMICS UNDER CBCS

2022-2023

Sl. No	Paper	Name of Paper	Sem	Hours/ Week	Credits	Marks		Total
						Mid Sem	Sem End	
I & II YEAR BA/B.Sc SYLLABUS (W.E.F 2022-2023)								
1	I	Micro Economic Analysis (ECO135)	I	6	4	50	50	100
2	II	Macro Economic Analysis(ECO136)	II	6	4	50	50	100
3	III	Development Economics (ECO137)	III	6	4	50	50	100
4	IV	Economic Development in India and Andhra Pradesh (ECO138)	IV	6	4	50	50	100
5	V	Statistical Methods for Economics (ECO139)	IV	6	4	50	50	100
III YEAR B.A/B.Sc SYLLABUS (W.E.F 2022-2023) (To Choose One pair from the Four (A, B, C, & D))								
6	6A	Insurance Services (ECO 140)	V	5	4	50	50	100
7	7A	Banking and Financial Services (ECO141)	V	5	4	50	50	100
(OR)								
8	6B	Rural Entrepreneurship and MSME's (ECO 142)	V	5	4	50	50	100
9	7B	Farmer Producer Organization (ECO 143)	V	5	4	50	50	100
(OR)								
10	6C	Urban Entrepreneurship and MSME's(ECO 144)	V	5	4	50	50	100
11	7C	Retails and Digital Marketing (ECO 145)	V	5	4	50	50	100
(OR)								
12	6D	Inferential Statistics and Software Packages (ECO 146)	V	5	4	50	50	100
13	7D	Project Designing and Report Writing(ECO147)	V	5	4	50	50	100

I & II YEAR
B.A RURAL DEVELOPMENT SYLLABUS

1	I	Rural Economics – I (RD101)	I	6	4	50	50	100
2	II	Rural Economics – II (RD102)	II	6	4	50	50	100
3	III	Agriculture and Rural Labour (RD103)	III	6	4	50	50	100
4	IV	Rural Industrialization (RD104)	IV	6	4	50	50	100
5	V	Agricultural Economics (RD111)	IV	6	4	50	50	100
III YEAR B.A RURAL DEVELOPMENT SYLLABUS (W.E.F 2022-2023) **(To Choose One pair from (A & B)**								
6	6A	Regional Economics(RD105)	V	5	4	50	50	100
7	7A	Rural Finance and Service (RD106)	V	5	4	50	50	100
(OR)								
8	6B	Basics of Andhra Pradesh Economy (RD107)	V	5	4	50	50	100
9	7B	Rural Infrastructure and Development (RD108)	V	5	4	50	50	100
CERTIFICATE COURSE								
1	I	CERTIFICATE COURSE IN OFFICE MANAGEMENT		**Total 60hrs**	4	50 T	50 P	100

	Government College (Autonomous) Rajahmundry	Program & Semester I BA/B.Sc. (I Sem)			
Course Code ECO 135	TITLE OF THE COURSE MICRO ECONOMIC ANALYSIS				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		5	1	-	4

Course Objectives:

1. To understand Economics is about the allocation of scare resources, that scarcity fore's choice, trade off exist and that every choice has an opportunity cost.
2. To understand the role of price in allocating scarce resources in market Economics and explain the consequence of price controls
3. Understand the costs of production and how profit maximizing firms determine how much to produce be also to distinguish between long run decisions and short run decisions.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	How households and firms interact in various market structures to determine price and quantity of a good produced.
CO2	Understand that economics is about the allocation of scarce resources, that scarcity forces of choice, trade off exist and that every choice as a opportunity cost
CO3	Producers equilibrium with the help of isoquants, expansion path and elasticity of substitutions
CO4	Different types of markets and their features
CO5	Demonstrate marginal productivity theory of distribution , theory of wages identify different types of rent and illustrate different theories of interest and profit.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus

UNIT –I : Economic Analysis and Methodology

Scarcity and Choice as fundamental problems of economics – Opportunity Cost - Production Possibilities Curve - Micro and Macro Analysis - Micro economic analysis – Scope and Importance -Principles of Microeconomics : Allocation of Resources - Optimization, Equilibrium and Marginal analysis -Rationality Principle the concept of Welfare.

UNIT -2: Theory of Consumption

Concept of Demand -Factors determining demand - Law of Demand - reasons and exceptions - Elasticity of Demand -Cardinal and Ordinal utility - Indifference Curve analysis : Properties of Indifference curves, Indifference Curve Map -Marginal Rate of Substitution - Budget Line - Changes -Consumer Equilibrium under Indifference Curve Analysis – Consumers' Surplus and Indifference Curve Analysis.

UNIT -3: Theory of Production

Concept and Objectives of Firm - Production Function : Cobb- Douglas Production Function -Law of Variable Proportions -Laws of Returns to Scale - Economies of large scale - Concepts of Cost - Total, Average and Marginal Costs - Law of Supply - Concept of Revenue : Total, Average and Marginal Revenues - Relation between Average and Marginal Revenues and elasticity of Supply.

UNIT -4: Theory of Exchange

Concepts of Market: Criteria for Classification of Markets - Perfect Competition–Conditions, Price and Output determination; Monopoly: Conditions, Price and Output Determination - Price Discrimination; Monopolistic Competition - Assumptions - Price and output determination - Selling Costs; Oligopoly -Types- Kinky demand curve and Price rigidity.

UNIT - 5: Theory of Distribution

The concepts of Functional and Personal Distribution of Income - Marginal Productivity Theory of Distribution - Modern Theory of Distribution -Concept of Rent - Ricardian Theory of Rent – Marshall's concepts of Economic Rent and Quasi Rent; Theories of Wage Determination: Subsistence Theory and Standard of Living Theory - Modern Theory of Wages; Classical Theory of Interest -Loanable Funds Theory of Interest -Liquidity Preference Theory of Interest; Theories of Profit: Risk and Uncertainty, Dynamic and Innovations Theories.

Text books:
1. Telugu Academy Publications on Microeconomics.
2. H. L. Ahuja, Advanced Economic Theory, S. Chand, 2004.
3. M. L. Seth, Microeconomics, Lakshmi Narayan Agarwal, 2006

Reference books:
1. A. Koutsoyiannis, Modern Microeconomics – Macmillan, London
2. A. W. Stonierand D.C. Hague, A Text book of Economic Theory - ELBS & Long man Group, London.

3. P.A Samuelson & W.D. Nordhaus - Macroeconomics, Tata McGraw Hill, 18/e, 2005

Web Links:
1. https://ocw.mit.edu/courses/economics/14-01sc-principles-of-microeconomics-fall-2011

2. https://onlinecourses.nptel.ac.in/noc20_hs01/preview

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	2	3	3	3			
CO2	3	3	3	2	2	3	2	3	3	2			
CO3	3	3	3	2	2	3	2	3	3	3			
CO4	3	3	3	2	3	3	3	3	3	3			
CO5	3	3	3	3	3	2	3	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM
I-B.A/ B.Sc ECONOMICS (CBCS PATTERN (w.e.f 2020-2021)
Paper-I (Core Paper)
MICRO ECONOMIC ANALYSIS
FIRST SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

SECTION - A

Answer the following questions.   **(3 X 10 = 30 M)**

1) a) What is Micro and Macro Economics? Explain the nature and scope of

   . Micro Economic analysis

                      (or)

   b) Explain the law of demand with it exceptions.

2) a) Explain the consumer equilibrium with the help of Indifference curve analysis.
                      (or)

   b) Explain the law of variable proportions.

3) a) Explain the price determination under monopoly.
                      (or)

   b) Explain the Marginal Productivity theory of distribution.

SECTION – B

Answer any <u>Four</u> of the following   **(4 X 5 = 20 M)**

4) Opportunity Cost

5) Production Possibility Curve

6) Cardinal and Ordinal utility

7) Cobb-Douglas Production function

8) Elasticity of supply

9) Classification of markets

10) Kinked demand

11) Economic rent and Quasi rent

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM
I – B.A/ B.Sc – ECONOMICS (CBCS PATTERN)
Paper-I (Core Paper)
MICRO ECONOMIC ANALYSIS
FIRST SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50 M**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	2	3
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	1	2
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry			Program & Semester I B.A/B.Sc. (II Sem)		
Course Code ECO136	**TITLE OF THE COURSE** MACRO ECONOMIC ANALYSIS					
Teaching	Hours Allocated: 60 (**Theory**)			L	T	P	C
Pre-requisites:				5	1	-	4

Course Objectives:

- ➢ To understand the causes and effects of inflation and unemployment
- ➢ B describe the macro economy using aggregates demand and aggregate supply
- ➢ Using employment and national income statistics students will be able to describe and analyse economy in quantitative items.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Difference between Micro and Macro Economics, importance of macro Economics and Macro Economic variables Define and explain the process of calculating national income, identify its components, demonstrate circular flow of income, analyse the various identities with government and international trade
CO2	Demonstrate the meaning and functions of money, illustrate various versions of quantity theory of money Explain the meaning of consumption function, relationship between APC and MPC, consumption and income, concept of multiplier and accelerator, MEC and rate of interest
CO3	Illustrate the meaning of inflation, identify different kinds of inflation, causes and effects of inflation on different sectors of the economy, describe different measures to control it.
CO4	Analyse different phases of trade cycles, demonstrate various phases of trade cycles, understand the impact of cyclical fluctuations on the growth of business, and lay policies to control trade cycles.
CO5	Identify types of banks, explain the meaning and functions of commercial banks, illustrate how bank create credit, and suggest the instruments to control it

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

UNIT - 1: National Income

Macroeconomics - Definition, Scope and Importance - Difference between Micro economic and Macro economic Analyses – Circular Flow of Income -National Income: Definitions, Concepts, Measurement of National Income - Difficulties - Importance - Concept of Green Accounting.

UNIT -2: Theory of Employment

Classical Theory of Employment - Say's Law of Markets - Criticism -Keynesian Theory of Employment - Consumption Function - Keynes' Psychological Law of Consumption - Average and Marginal Propensity to Consume - Factors determining Consumption Function –Brief Review of Relative, Life Cycle and Permanent Income Hypotheses - Investment Function: Marginal Efficiency of Capital -Multiplier and Accelerator - Keynesian Theory of Employment - Applicability to Developing countries.

UNIT – 3: Money and Banking

Definitions of Money - Concepts of Money, Liquidity and Finance - Money Illusion - Gresham's Law - RBI classification of Money - Theories of Money: Fisher and Cambridge (Marshall, Pigou, Robertson and Keynes equations) - Banking - Definition and types of Banking - Commercial Banks - Functions -Recent Trends in Banking - Mergers and Acquisitions - Central Bank - Functions - Control of Credit by Central Bank – NBFCs Factors contributing to their Growth and their Role.

UNIT – 4: Inflation and Trade Cycles I

Inflation: Concepts of Inflation, deflation, reflation and stagflation - Phillip's Curve - Measurement of Inflation - CPI and WPI -Types of Inflation - Causes and Consequences of Inflation -Measures to Control Inflation. Trade Cycles: Phases of a Trade Cycle -Causes and Measures to control Trade Cycles.

UNIT -5: Finance and Insurance

Financial Assets and Financial Instruments - Financial Markets - Functions of Money Market - Functions of Capital Market - Stock Market - Exchanges – Indices: Sensex and Nifty - Concept of Insurance -Types and Importance of Insurance

Text books:
1. M.L.Seth, Macroeconomics, Lakshmi Narayan Agarwal, 2006.
2. Telugu Academy, Publications
3. Macroeconomics, Spectrum Publishing House, Hyderabad, 2016

Reference books:
1. Dillard. D., The Economics of John Maynard Keynes, Cross by Lockwood and sons, London.

2. M. C. Vaish - Macroeconomic Theory, Vikas Publishing House, New Delhi.

3. S. B Guptha - Monetary Economics, S. Chand & Co, Delhi.

1. http://www2.harpercollege.edu/mhealy/eco212i/macroweb.htm
2. https://nptel.ac.in/courses/109/104/109104073/

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	2	2	3	3	3			
CO2	3	3	3	2	2	2	1	3	3	2			
CO3	3	3	3	1	1	2	2	3	3	3			
CO4	3	3	3	2	2	2	2	3	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM
I– B.A/ B.Sc ECONOMICS (CBCS PATTERN)
Paper-II (Core Paper)
MACRO ECONOMIC ANALYSIS
SECOND SEMESTER END EXAMINATIONS

Time: 2 1/2 Hrs **Max. Marks: 50**

Model Question Paper – 2022-2023

SECTION - A

Answer the following questions. **(3x10= 30)**

1. a) Explain the concepts of National Income.

(or)

   b) Critically examine the Keynes theory of employment

2. a) Explain the Marginal Efficiency of Capital.

(or)

   b) Describe the main functions of Reserve Bank of India (RBI)

3 a) Define Trade cycles and explain different phases to trade cycles.

(or)

   b) Explain the meaning and functions of Money market?

SECTION-B

Answer any FOUR of the following **(4x5=20)**

   4) Difference between micro and macro economics

   5)   J.B. Say's law of market.

   6) Consumption function.

   7) Gresham's law

   8) Functions of Commercial Banks.

   9) Philips curve.

   10) Causes of inflation.

   11) Capital market and Stock market.

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM

I– B.A/ B.Sc ECONOMICS (CBCS PATTERN)
MACRO ECONOMIC ANALYSIS
SECOND SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	3
Module-II	2	2	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	1	2
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
Course Code ECO137	**TITLE OF THE COURSE** DEVELOPMEN ECONOMICS	II B.A B.Sc. (III Sem)

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

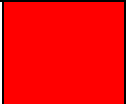## Course Objectives:

A. Distinction between growth and development with examples

B. Various concepts and definitions and indicators relating to economic growth and Development including recent developments

C. The theoretical aspects of a few models and strategies of economic growth.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Distinction between growth and development with examples, COVID – 19 Impact on Indian economy and sustainable development.
CO2	Factors contributing to development, Choice of Techniques and a few important models and strategies of growth
CO3	The theoretical aspects of a few models and strategies of economic growth
CO4	To know Strategies of Economic Development
CO5	Role and importance of various financial and other institutions in the context of India's economic development

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Module - 1: Economic Growth and Development

Economic Development as a Branch of Study of Economics – Scope and Importance - Distinction between Economic Growth and Economic Development -Measures of Economic Development and their limitations - Relevance of Herd (Group) Immunity in the context of COVID 19- three core values of economic development : Sustainability, Self-esteem and Freedom – Economy and Environment : Concepts of sustainable development and inclusive growth

Module -2: Modern Economic Growth

Characteristics of Underdeveloped Countries - World Bank and IMF Classification of countries - Modern economic growth – Kuznets' Six Characteristics -Obstacles to economic development - Vicious Circle of Poverty and cumulative causation -Factors of economic growth: Economic and Non-economic - Capital Formation – Foreign and Domestic capital, Debt and Disinvestment.

Module-3: Theories of Development and Underdevelopment

Classical Theory: Adam Smith, Ricardo and Malthus -Marxian Theory - Schumpeter Theory - Rostow's Stages of Economic Growth -Harrod-Domar two sector model -Solow's Model and Robinson's Golden Age

Module – 4: Strategies of Economic Development

Strategies of Economic Development – Big Push -Balanced Growth -Unbalanced Growth - Mahalanobis Model - Agriculture vs Industry -Capital Intensive Technology vs Labour Intensive Technology -Role of Infrastructure in Economic Development

Module - 5: Institutions and Economic Development

Role of State in Economic Development -Role of Markets - Market Failure and Regulation by State -Public sector vs Private sector -Economic Planning – concept, objectives and types -NITIAyog - Economic Federalism -Financial Institutions and Economic Development -Role of International Institutions-IDBI, ADB, IMF -Foreign Trade - FIIs and FDIs

Text books:

1. Economic development and growth, Spectrum Publishing House, Hyderabad, 2016

2. M . P. Todaro and Stephen C. Smith, *Economic Development*, 10/e, Indian Edition

   Published by Dorling Kindersley India Pvt. Ltd. 2012.

3. Telugu Academy publication.

Reference books:

1. R.S.Rao, V.Hanumantha Rao &N.Venu Gopal (Ed.), *Fifty Years of Andhra Pradesh (1956-2006),* Centre for Documentation, Research and Communications, Hyderabad,2007.

2. G. Omkarnath, *Economics - A Primer for India* - Orient Blackswan, 2012.

3. G. M. Meier, *Leading Issues in Economic Development*, Oxford University Press, New York,

Web Links:

1. https://ocw.mit.edu/courses/economics/14-772-development-economics-macroeconomics-spring-2013/lecture-videos-and-slides/
2. https://nptel.ac.in/courses/110/103/110103093/

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	1	3	1	1	3	3	2			
CO2	3	3	3	2	2	1	1	3	3	3			
CO3	3	3	3	1	3	1	1	3	3	3			
CO4	3	3	3	2	2	1	1	3	3	2			
CO5	2	1	3	2	1	2	3	2	3	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM
II– B.A/B.Sc ECONOMICS (CBCS PATTERN)
Paper-III (Core Paper)
DEVELOPMENT ECONOMICS
THIRD SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

Model Question Paper 2022-2023

SECTION - A

Answer the following questions   **(3 X 10 = 30)**

1 (a) Explain the scope and importance of Economic Development.

(or)

(b) Explain the Economical situation in India during COVID – 19.

2 (a). Explain the Characteristics of underdeveloped countries.

(or)

(b) Explain the Harrod and Domar models of Growth.

3 (a) Explain the Role of Infrastructure in Economic Development.

(or)

(b) Explain the Role of International Institutions of IDBI and IMF in Economic Development

SECTION – B

Answer any <u>four</u> of the following   **(4 X5 = 20)**

4.Distinction between Economic Growth and Economic Development

5.Sustainable development

6.Vicious circles of poverty

7.Rostow's stages of Economic Growth

8.Unbalanced growth

9.Capital intensive method

10.NITI Aaayog

11.Public sector and Private sector

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM
II – B.A/ B.Sc ECONOMICS (CBCS PATTERN)
Paper-III (Core Paper)
DEVELOPMENT ECONOMICS
THIRD SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry			Program & Semester II B.A/ B.Sc. (IV Sem)		
Course Code ECO138	**TITLE OF THE COURSE** ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH					
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C	
Pre-requisites:		3	1	-	3	

Course Objectives:

A. leading issues of Indian economic development with reference to potential for growth, obstacles and policy responses
B. Available Resources, demographic issues, general problems of poverty and unemployment and relevant policies.
C. Indian Tax system, recent changes, issues of public expenditure and public debt, recent finance commissions and devolution of funds

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Objectives, outlays and achievements of economic plans and growth strategies
CO2	Available Resources, demographic issues, general problems of poverty and unemployment and relevant policies
CO3	Leading issues of current importance relating to India and AP economy, major policies and programmes Covid– 19 and its impact on Indian economy
CO4	Indian Tax system, recent changes, issues of public expenditure and public debt, recent finance commissions and devolution of funds
CO5	Major issues of economic development of Andhra Pradesh after bifurcation andCentral assistance

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

UNIT– 1 Basic Features

Basic characteristics of Indian Economy as a developing economy – Economic development since independence - Objectives and achievements of planning – Planning Commission/NITIAyog and their approaches to economic development - India's Rank in Global Human Development Index .

UNIT- 2 National Income and Demography

Trends in National income - Demographic trends - Poverty and Inequalities – Occupational Structure and Unemployment - Various Schemes of employment generation and eradication of poverty – Issues in Rural Development and Urban Development –Intra-state and Inter-state Labour Migration and unorganized sector Problems of Migrant Labour

UNIT – 3 Agricultural and Industrial Developments

Indian Agriculture – Agricultural Strategy and Agricultural Policy – Agrarian Crisis and land reforms – Agricultural credit – Minimum Support Prices -Malnutrition and Food Security - Indian Industry - Recent Industrial Policy – Make-in India – Start-up and Stand-up programmes – SEZs and Industrial Corridors - Economic Reforms and their impact - Economic initiatives by government of India during COVID - Atmanirbhar Bharat package.

UNIT –4 Indian Public Finance

Indian Tax System and Recent changes – GST and its impact on Commerce and Industry – Centre, States financial relations- Recommendations of Recent Finance Commission – Public Expenditure and Public Debt - Fiscal Policy and Budgetary Trends

UNIT - 5 Andhra Pradesh Economy

The basic characteristics of Andhra Pradesh economy after bifurcation in 2014 – Impact of bifurcation on the endowment of natural resources and state revenue – new challenges to industry and commerce - the new initiatives to develop infrastructure – Power and Transport - Information Technology and e-governance – Urbanization and smart cities – Skill development and employment –Social welfare programmes.

Text books:
1. A.P Economy- Telugu Academy, 2018
2. M. P. Todaro and Stephen C. Smith, *Economic Development*, 10/e, Indian Edition Published by Dorling Kindersley India Pvt. Ltd. 2012.
3. S.K.Misra&V,K,Puri, *Indian Economy*, Himalaya Publishing House, 2015.

Reference books:
1. Reserve Bank of India, *Handbook of Statistics on Indian Economy* (Latest).
2. R.S.Rao, V.Hanumantha Rao &N.Venu Gopal (Ed.), *Fifty Years of Andhra Pradesh (1956-2006),* Centre for Documentation, Research and Communications, Hyderabad, 2007.
3. G. Omkarnath, *Economics - A Primer for India* - Orient Blackswan, 2012

Web Links:
1. https://www.jmi.ac.in/upload/menuupload/zhl_ebooks_economics.pdf

2. https://fivebooks.com/category/economics/development-economics/

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	2	3	3			
CO2	3	3	2	3	3	3	3	2	3	3			
CO3	3	3	3	3	3	1	3	1	3	2			
CO4	3	3	2	3	3	2	3	1	3	2			
CO5	3	3	3	2	1	3	2	3	2	1			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM
II– B.A/B.Sc ECONOMICS (CBCS PATTERN)
Paper-IV (Core Paper)
ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH
FOURTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**
Model Question Paper 2022-2023

SECTION - A

Answer the following questions   **(3 X 10 = 30)**

1 (a) Explain the Objective and achievements of Planning Commission.

(or)

   (b) Explain the causes for unemployment and remedial measures to reduce unemployment.

2 (a) Briefly explain the measures to reduce income inequalities in India.

(or)

   (b) Briefly Explain various land reforms in India.

3 (a) Explain the Centre and States financial relations.

(or)

   (b) Explain the basic characteristics of Andhra Pradesh economy after bifurcation in 2014.

SECTION – B

Answer any four of the following   **(4 X5 = 20)**

4.Human Development Index

5.NITI Aaayog

6.Occupational distribution in India

7.Special Economic Zones

8.Economic initiatives taken by Government of India during COVID – 19

9.GST

10.Information Technology

11.Social Welfare Programmes

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Paper-IV (Core Paper)
ECONOMIC DEVELOPMENT- INDIA AND ANDHRA PRADESH
FORTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   Max. Marks: 50

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Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester II B.A/ B.Sc. (IV Sem)			
Course Code ECO138	TITLE OF THE COURSE STATISTICAL METHODS FOR ECONOMICS				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

A. The definitions, terms and their meaning relating to statistical methods
B. To analysis Importance of statistics and its applications

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	The definitions, terms and their meaning relating to statistical methods
CO2	various formulae used to measure central tendency
CO3	To know the Histogram, Frequency Polygon and Frequency Curve Different types of Bar diagrams
CO4	Uses of Correlation and Regression analysis, time series and index numbers in economicanalysis
CO5	different kinds of statistical problems using various principles and formulae relating tocentral tendency, correlation, regression, time series and indices to interpret data and suggest solutions to economic problems

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

UNIT – 1: Nature and Definition of Statistics

Introduction to Statistics – Definition, scope, importance and limitations of Statistics – Primary and Secondary data- Census and Sampling techniques and their merits and demerits

UNIT – 2:Diagrammatic Analysis

Collection of data - Schedule and questionnaire – Frequency distribution – Tabulation – diagram and graphic presentation of data – Histogram, Frequency Polygon, Cumulative Frequency Curves - Bar Diagrams and Pie Diagram

UNIT – 3: Measures of Central Tendency and Dispersion

Measures of Central Tendency and Dispersion - Types of averages- Arithmetic Mean, Geometric Mean, Harmonic Mean – Median – Mode – Dispersion - Range, Quartile Deviation, Mean Deviation, Standard Deviation- Coefficient of Variation.

UNIT – 4: Correlation and Regression

Correlation and Regression - Meaning, Definition and uses of Correlation- Types of Correlation- Karl Pearson's Correlation coefficient - Spearman's Rank Correlation- Regression Equations - utility of regression analysis – Demand forecasting.

UNIT – 5: Time Series and Index Numbers

Time Series and Index Numbers: Definition and components of Time Series – Measurement of Time Series – Moving Average and the Least Squares Method – Index Numbers - Concepts of Price and Quantity Relatives – Laspeyer's, Paasche's and Fisher's Ideal Index Numbers – Uses and Limitations of Index Numbers.

Text books:

1. S.P. Gupta, *Statistical Methods* , S. Chand & Co, 1985
2. S. C. Guptha, *Fundamentals of Statistics*, Himalaya Publishing House, Hyderabad.
3. Telugu Akademy Book, ParimanathmakaPaddathulu (For B.A.).

Reference books:

1. B. R. Bhat, T. Srivenkataramana and K.S. MadhavaRao (1996): *Statistics: ABeginner's Text*, Vol. I, New Age International (P) Ltd.

2. Goon A.M, Gupta M.K., Das Gupta B. (1991), *Fundamentals of Statistics,* Vol. I, World Press, Calcutta.

3. Digambar Patri and D. N. Patri, *Statistical Methods for Economics,* Kalyani Publishers, Ludhiana, 2017.

Web Links:

1. https://ocw.mit.edu/courses/economics/14-30-introduction-to-statistical-method-in-economics-spring-2006/lecture-notes/
2. https://ebooks.lpude.in/arts/ma_economics/year_2/DECO504_STATISTICAL_METHODS_IN_ECONOMICS_ENGLISH.pdf

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	2	1	2	1	2			
CO2	3	3	3	2	3	3	2	2	1	3			
CO3	3	3	2	2	3	3	1	1	2	3			
CO4	3	3	2	2	3	2	2	2	1	3			
CO5	3	3	2	3	3	2	3	1	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMAHENDRAVARAM
II– B.A/B.Sc ECONOMICS (CBCS PATTERN)
Paper-V (Core Paper)
STATISTICAL METHODS FOR ECONOMICS

FOURTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

Model Question Paper 2022-2023

SECTION - A

Answer the following questions   **(3 X 10 = 30)**

1 (a) Explain the Scope and importance of Statistics

(or)

(b) The number of bed-sheets manufactured by a factory during five consecutive weeks is given below.

Week	First	Second	Third	Fourth	Fifth
Number of Bed-sheets	600	850	700	300	900

Draw the bar graph representing the above data.

2 (a) Find the Arithmetic Mean of the following distribution:

Class-Interval	15-25	25-35	35-45	45-55	55-65	65-75	75-85
Frequency	6	11	7	4	4	2	1

(or)

(b) Define Correlation and explain the type of Correlation

3 (a) Calculate the regression coefficient and obtain the lines of regression for the following data

X	1	2	3	4	5	6	7
Y	9	8	10	12	11	13	14

(or)

(b) Calculate price index number for 2020 by (a) Laspeyre's (b) Paasche's method

Commodity	2010		2020	
	Price	Quantity	Price	Quantity
A	5	60	15	70
B	4	20	8	35
C	3	15	6	20

SECTION – B

Answer any <u>four</u> of the following   **(4 X5 = 20)**

4. Primary data and Secondary data

5. Histogram

6. Find the Mode from the following data

   15,19,22,16,19,17,22,24,27,22

7. Find out the Co-efficient of variation when its Standard Deviation is 8

   mean is 24 .

8. Uses of Regression analysis

9. Find out the Spearman Rank Correlation from the following data

R_1	1	2	3	4	5	6	7
R_2	6	4	2	7	3	1	5

10. Components of Time series

11. Uses of Index Numbers

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
IV SEMESTER – ECONOMICS (CBCS PATTERN)
Paper-V (Core Paper)
STATISTICAL METHODS FOR ECONOMICS

Time: 2 ½ Hrs   **Max. Marks: 50**

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Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry					
Course Code ECO140	**TITLE OF THE COURSE** Insurance Service		**Program & Semester** III B.A/ B.Sc. (V Sem)			
Teaching	Hours Allocated: 60 (**Theory**)		L	T	P	C
Pre-requisites:			4	1	-	4

Course Objectives:

1. Explain the concept and principles of insurance service and functioning of insurance service agencies
2. Identify and analyse the opportunities related insurance services in local rural area;
3. Demonstrate practical skills to enable them to start insurance service agency or earn wage employment in it.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Evaluate the growth and Development of Insurance Business.
CO2	Identify and analyse the opportunities related insurance services in local rural area
CO3	Apply the concepts and principles of insurance to build a career in Insurance services
CO4	Demonstrate practical skills to enable them to start insurance service agency or earnwage employment in it.
CO5	Understanding the Customer and Case Studies

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit 1: Insurance Concept and Principles
Risk Management: Risk and Uncertainty, Risk Classification – Concept, Importance and Types of Insurance– Principles of Insurance – Insurance Regulations in India - Role of IRDA and Insurance Ombudsman –Scope for Insurance Business in India.

Unit 2: Life Insurance and Products
Life Insurance: Nature and Features - Major Life Insurance Companies in India - Important Life Insurance Products/policies and their Features: Conventional, Unit Linked, Annuities, Group Policies – Medical Examiner.

Unit 3: General and Health Insurances and Products

General Insurance: Nature, Features and Types - Major General Insurance Companies in India - Important General Insurance Products/Policies and their Features - Surveyor – Health Insurance: Nature and Features - Health Insurance Companies in India - Major Health Insurance Products/policies and their Features: Individual, Family, Group.

Unit 4: Practicing as an Insurant Agent
Insurance Contract and Terms of Insurance Policy - Registration of Insurance Agency with the Company — Procedure to issue a Policy: Application and Acceptance – Policy Lapse andRevival – Premium Payment, Assignment, Nomination and Surrender of Policy – Policy Claim - Important Websites and Apps of Insurance in India.

Unit 5: Understanding the Customer and Case Studies
Insurance Customer and Categories – Understanding Customer Mindset and Satisfaction - Addressing the Grievances of the Customer – Ethical Behavior in Insurance – Moral Hazard –Discussion of two different Case Studies related to Life or General or Health Insurance Services

Text Books

1. P. Periyaswamy: *Principles and Practice of Insurance,* Himalaya Publishers, New Delhi (2nd Edition), 2019.
2. G. Dionne and S.E. Harrington (Eds.): *Foundations of Insurance Economics*, Kluwer Academic Publishers, Boston, 1997.
3. K. Jr. Black, and H.D. Skipper Jr.:*Life and Health Insurance,* Prentice Hall, Upper Saddle River, New Jersey, 2000.

Reference books:

1. Insurance Institute of India: *Principles of Insurance (IC-01*), Mumbai, 2011.
2. Insurance Institute of India: *Practice of Life Insurance (IC-02),* Mumbai, 2011.
3. Insurance Institute of India: *Practice of General Insurance (IC-11),* Mumbai, 2011

Web Links

1. https://egyankosh.ac.in/bitstream/123456789/6472/1/Unit-20.pdf

2. https://egyankosh.ac.in/bitstream/123456789/6470/1/Unit-21.pdf

3. https://www.irdai.gov.in

CO-PO Mapping:

(**1: Slight [Low];**   **2: Moderate[Medium];**   **3: Substantial[High],**   **'-' : No Correlation)**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	1	3	1	1	3	3	2			
CO2	3	3	3	2	2	1	1	3	3	3			
CO3	3	3	3	1	3	1	1	3	3	3			
CO4	3	3	3	2	2	1	1	3	3	2			
CO5	3	3	3	2	1	3	3	3	2	1			

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GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM
III-B.A/ B.Sc ECONOMICS – SEMESTER-V
Paper-VI(A) INSURANCE SERVICE

Time: 2 ½ hours   Max. Marks: 50
Model Question Paper - 2022-23

Section-A

Answer the following questions   (3X10 = 30 Marks)
ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

1. (a) What is insurance and explain the Scope and importance of Insurance.
   భీమా అంటే ఏమిటి మరియు దాని పరిధి మరియు ప్రాముఖ్యత గురించి వివరించండి.

                    (or)
   (b) Explain the role of IRDA in insurance.
   భీమాలోని IRDA పాత్రను వివరించండి.

2. (a) Explain the major life insurance companies in India.
   భారతదేశంలోని ప్రధాన జీవిత భీమా కంపెనీలను వివరించండి.
                    (or)
   (b)What is General Insurance and explain the types of General Insurance.
   సాధారణ భీమా అనగానేమి ? వివిధ రకాల సాధారణ భీమాలను వివరించండి.

3. (a) Explain the Insurance contract and terms of insurance policy
   భీమా ఒప్పందం మరియు భీమా పాలసీ నిబంధనలను వివరించండి.
                    (or)
   (b) Ethically examine the ethical behaviour of costumers in insurance sector.
   భీమా రంగంలో వినియోగదారుల నైతిక ప్రవర్తనను నైతికంగా పరిశీలించండి.

Section-B

Answer any <u>FOUR</u> of the following questions   (4X5 = 20 Marks)
ఈ క్రింది వాటిలో నాలుగు ప్రశ్నలకు సమాధానములివ్వండి

4. Principles of Insurance - భీమా సూత్రాలు

5. Types of insurance - భీమా రకాలు

6. Importance of Life insurance - జీవిత భీమా ప్రాముఖ్యత

7. Features of Life insurance - జీవితభీమా లక్షణాలు

8. Health Insurance - ఆరోగ్య భీమా

9. Features of general insurance - సాధారణ భీమా లక్షణాలు

10. Procedure to issue a policy - పాలసీని జారీ చేసే విధానం

11. Insurance customer categories - భీమా కస్టమర్ వర్గాలు

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM
Under (CBCS PATTERN)
III - B.A/ B.Sc Paper-VI (Core Paper)
INSURANCE SERVICE
SEMESTER - V

Time: 2 ½ Hrs   Max. Marks: 50

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Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		**Program & Semester** III B.A/B.Sc. (V Sem)			
Course Code ECO141	**TITLE OF THE COURSE** Banking and Financial Services					
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

1. Keeping in view job prospects in banking & financial sector the objective of the course is to give in-depth knowledge of Banking & Finance to the students of economics with practical inputs and prepare them for career in Banks & other Financial Institutions.

Course Outcomes:

On Completion of the course, the students will be able to-

CO1	Explain the concept and essentials banking and financial services.
CO2	Identify and analyse the employment opportunities related to banks and other financial institutions.
CO3	Apply the concepts to banking and financial opportunities and formulate ideas related to them
CO4	Demonstrate practical skills to enable them to get employment in Banks and other financial institutions as business correspondents or Common Service Centers or marketing agents.
CO5	To gain basic knowledge of branches of Functional Management: personnel, marketing, strategic management and production management.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit1: Principles of Banking and Indian Banking System

Meaning of Banking – Principles of Banking – Functions of Banking – Structure of Indian Banking System – Regulations of Banking in India – Role of RBI in Banking – Anti-money Laundering - Basics of Financial literacy - Problems and Challenges of Banking in India.

Unit 2: Deposits, Loans and Digital Banking

Bank Deposit Account Types – Account Opening and Closing – Banking Customer types – KYC Norms – Negotiable Instruments: Cheque, Bill of Exchange, Promissory Note, Endorsement - Principles of Lending – Different categories of Loans – Mortgaging -Priority Sector Lending – E-Banking facilities: Debit Card, Credit Card, Net Banking, Mobile Banking, Tele-banking, Micro ATMs, Digital Currency – Core Banking Solutions.

Unit 3: Banking Correspondents and Common Service Centers

Banking Correspondent Model - Activities of Banking Correspondent: Deposit Mobilization. Identification of Borrowers, Collection and Recovery Loan, Other Banking Services – Common Services Centre (CSC) - Provision of Services by CSC – Requirement for Registering CSC and Telecentre - Case Study of Banking Correspondents with any Bank or CSC in Local Area.

Unit 4: Financial Services of NBFIs

Non-Banking Financial Institutions (NBFIs): Types and Major Players of NBFIs in India – Important Financial Services offered by NBFIs and their Features – Concept of EMI - Micro Finance: Concept and Operation - Chit Funds: Concept and Operations– Payment Banks - Regulations of NBFIs in India – Problems and Challenges of NBFIs in India.

Unit 5: Work with Finance Service Company (FSC)

Types of loans by Finance Service Company (FSC) – Customer of FSC: Types and Needs - Marketing of FSC's Loans – Procedures and Requirements in FSC's Loan Sanction - Collection and Recovery of FSC Loans - Case Study of a FSC's services in Local Area.

Text books:

A. D.R.Patade Babasaheb Sangale and T.N.Salve : *Banking and Finance: Fundamental of Banking,* Success Publications, Pune, January *2013*.
B. N. Mukund Sharma: *Banking and Financial Services*, Himalaya Publishers, 2015.

Reference books:

A. Indian Institute of Banking and Finance: *Principles and Practices of Banking,* Macmillan India Limited, 2021
B. Indian Institute of Banking and Finance: *Retail Baking,* Macmillan India Limited, 20154. 5. Reserve Bank of India - Hand book of Statistics on Indian Economy (Latest).

Web Links:

a. https://drive.google.com/file/d/1VU7aN4s5ikPQl7nX6mTBW-sVLQCNhfvK/view
b. https://app1.unipune.ac.in/external/course-material/Fundamental-of-Banking-English.pdf
c. https://www.rbi.org.in/scripts/bs_viewcontent.aspx?Id=2234

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	1	3	1	1	3	3	2			
CO2	3	3	3	2	2	1	1	3	3	3			
CO3	3	3	3	1	3	1	1	3	3	3			
CO4	3	3	3	2	2	1	1	3	3	2			
CO5	3	3	3	2	3	2	1	3	3	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM
III-B.A/ B.Sc ECONOMICS – SEMESTER-V
Under CBCS Pattern
Paper-VII (A): BANKING AND FINANCIAL SERVICES

Time: 2 ½ hours   Max. Marks: 50
Model Question Paper- 2022-23

Section-A

Answer the following questions   **(3X10 = 30 Marks)**
ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానములు వ్రాయుము

   1. (a) Explain the functions of RBI
            RBI యొక్క విధులను వివరించండి.

                      (or)

       (b) Define different categories of loans
            వివిధ రకాల రుణాలను నిర్వచించండి.

   2. (a) Explain various E- Banking facilities.
            వివిధ ఇ - బ్యాంకింగ్ సౌకర్యాలను వివరించండి.

                      (or)

       (b) Explain main activities of Banking correspondents
            బ్యాంకింగ్ కరస్పాండెంట్ల ప్రధాన కార్యకలాపాలను వివరించండి.

   3. (a) Explain NBFI's and define problems of NBFI's in India.

            బ్యాంకింగేతర సంస్థలు గురించి వివరించండి మరియు భారతదేశంలో బ్యాంకింగేతర సంస్థల
            సమస్యలు మరియు సవాళ్ళను నిర్వచించండి.
                      (or)

       (b) Describe procedure ad requirements in FSC's loan sanction.
            FSC's యొక్క రుణ మంజూరు ప్రక్రియ మరియు అవసరాలను వివరించండి.

Section-B

Answer any FOUR of the following questions   **(4X5 = 20 Marks)**
ఈ క్రింది వాటిలో నాలుగు ప్రశ్నలకు సమాధానములివ్వండి

4. Principles of Banking -   బ్యాంకింగ్ సూత్రాలు

5. KYC Norms   - KYC నిబంధనలు

6. Common Service Centre - సాధారణ సేవ కేంద్రం

7. Deposit Mobilization - డిపాజిట్ సమీకరణం

8. Concept of EMI - EMI భావన

9. Regulations of NBFI's - NBFI's ల నిబంధనలు

10. Marketing of FSC's Loans - FSC's రుణాల మార్కెటింగ్

11. Needs of FSC's - FSC's ల అవసరాలు

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester III B.A/ B.Sc. (V Sem)			
Course Code ECO142	**TITLE OF THE COURSE** **Rural Entrepreneurship**					
Teaching	Hours Allocated: 60 (**Theory**)		L	T	P	C
Pre-requisites:			4	1	-	4

Course Objectives:

1. The course is designed to build the capabilities of rural entrepreneurs, SME operators, and rural development planners, trainers, and consultants who are engaged in business advisory services and/or are interested in initiating businesses in rural areas.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Explain the basic theories and essentials of entrepreneurship
CO2	Identify and analyze the entrepreneurship opportunities available in local rural area
CO3	Apply the theories of entrepreneurship to the conditions of local rural area and formulate appropriate business ideas
CO4	Demonstrate practical skills that will enable them to start rural entrepreneurship
CO5	To developing skills to convert the idea into a commercial viable business concept

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit - 1: Entrepreneurship: Concept and Theories

Concept and Importance of Entrepreneurship - Theories of Entrepreneurship: Innovations, X-Efficiency, Risk Bearing - Qualities and Functions of an Entrepreneur –Women Entrepreneurship – Ecopreneurship.

Unit - 2: Rural Entrepreneurship, Business Planning and Agribusiness

Rural Entrepreneurial Ecosystem – Factors, Problems and Challenges of Rural Entrepreneurships - Process of Identification of new Entrepreneurship Opportunities in Rural Areas - Formulation of Business Planning for Rural Entrepreneurship - Agribusiness and Value Addition: Procuring, Processing, Storing, and Marketing.

Unit- 3: New Rural Entrepreneurship Opportunities

New Entrepreneurship Opportunities in Farm sector: Organic Farm Products, Nutri-Cereals, Horticultural Products, Forest Produce, Medicinal Plant Products - New Entrepreneurship Opportunities in Rural Non-farm sector: Poultry, Aquaculture, Sericulture, Honeybee, Mushrooms Cultivation, Handicrafts.

Unit - 4: Financing and Marketing for Rural Entrepreneurship

Financing the Rural Entrepreneurship: Procedures to obtain formal loans from banks and other institutions - Preparation of Detailed Project Report for Loan - New avenues of Finance: Crowd Funding and Venture Capital - Marketing of Rural Products: Market Survey, Demand Forecasting, Marketing Strategies, Branding, Planning and Promotion, Digital and Social Media Marketing.

Unit - 5: Institutional Support and Case Studies of Rural Entrepreneurship

Institutional Support for Rural Entrepreneurship - Special Role of NABARD in promoting and supporting the Rural Entrepreneurship - Government Schemes for promotion of Rural Entrepreneurship– Rules and Procedures to start a Rural Entrepreneurship Firm – Discussion of two different types of Case Studies related to Rural Entrepreneurship with local relevance.

Text books:

a. Gordona, E and N. Natarajan: *Entrepreneurship Development*, Himalaya PublishingHouse Pvt Ltd, Mumbai, 2017.
b. Sudhir Sharma, Singh Balraj, Singhal Sandeep, *Entrepreneurship Development*,WisdomPublications, Delhi, 2005.

Reference books:

A. Drucker, P., *Innovation and Entrepreneurship: Practice and Principles*, Harper & Row, New York, 1985; revised edn., Butterworth-Heinemann
B. Johanne Hanko:*A Handbook for Training of Disabled on Rural Enterprise Development*, Food and Agricultural Organisation (FAO), 2003.

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	1	3	3	2			
CO2	3	3	2	1	3	3	1	3	3	1			
CO3	3	3	3	3	2	3	3	1	3	3			
CO4	3	3	3	3	3	2	1	2	3	2			
CO5	3	3	3	3	2	3	3	3	2	1			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

III- B.A/B.Sc Model Question Paper
Paper –VI (B)
RURAL ENTREPRENEURSHIP
V SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50 M**

SECTION - A

Answer all the following   **(3X 10= 30)**

1. (a)

(Or)

   (b)

2. (a)

(Or)

   (b)

3. (a).

(Or)

   (b)

SECTION - B

Answer any FOUR of the following   **(4 X 5 = 20)**

4.

5.

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11.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A/ B.Sc - ECONOMICS (CBCS PATTERN)
Paper-VI (B)
RURAL ENTREPRENEURSHP
FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester III B.A/ B.Sc. (V Sem)			
Course Code ECO143	**TITLE OF THE COURSE** **Farmer Producer Organizations (FPOs)**				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

1. To enhance the production, productivity, and profitability of farmers. Farmer Producer Organizations (FPO) have helped the farmers to enhance their economic strength and market linkages for improving their income.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Explain the concept and organization of FPO and its economic activities
CO2	Identify and analyse the opportunities related to FPO in local rural area
CO3	Apply the concepts to the identified FPO related opportunities available in the localarea and formulate business ideas
CO4	Demonstrate practical skills that will enable them to start a FPO or earn wage employment in it
CO5	Student will discuss the different case studies of FPO

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit 1: Concept of FPO and Importance

Concept and importance of FPO – Types of FPOs - Organizational structure and Functions of FPO - Ecosystem required for FPO - Role of FPOs in present Indian Agricultural Development – Factors, Problems and Challenges of FPOs in India.

Unit 2: Establishing FPO and Collaborations

Situation Analysis and Mobilizing Farmer Producers for FPO - Rules and Regulation related to FPOs - Procedures to start FPO –Infrastructure required for FPO - Collaboration with Other Organizations –Training and Capacity Building to Persons in FPO – Managing Financial Accounts of FPO.

Unit 3: Economic Activities and Business Planning of FPO

Economic Activities undertaken by FPO: Input Purchase, Custom Hiring Machines - Output Business: Procuring, Processing, Storage, Logistics, Marketing, Exporting etc. - Product Identification and Value Chain Analysis for FPO - Business Planning for FPO - Viable Business Models of FPO: Multi-product and Value Added.

Unit 4: Financing and Marketing of FPO

Financial Planning in FPO - Mobilization of Capital from Members, Promoters, Banks and other Funding Agencies-Marketing of FPO Products: Market Survey, Demand Forecasting, Marketing Strategies, Branding, Planning and Promotion, Digital and Social Media Marketing.

Unit 5: Institutional Support and Case Studies of FPOs

Institutional Support and Resource Supporting Agencies for FPOs - Special Roles of NABARD and SFAC – Government Schemes for promotion of FPOs - Discussion of two important Case Studies related to FPOs with different product or process types of local relevance.

Text books:

1. Farmer producing organization by Sanjiv Phansalkar and Avinash Paranjape

Reference books:

1. NABARD: *Farmer Producer Organizations: Status, Issues and Suggested Policy Reforms,* Mumbai, 2019-
2. NABARD: *Farmer Producer Organizations*, FAQs. Mumbai, 2015

Web Links:

a. .https://www.nabard.org/demo/auth/writereaddata/File/FARMER%20PRODUCER%20ORGANISATIONS.pdf
b. .https://www.nabard.org/auth/writereaddata/CareerNotices/2708183505Paper%20o n%20FPOs%20-%20Status%20&%20%20Issues.pdf

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	1	3	3	2			
CO2	3	3	3	1	2	3	1	3	3	1			
CO3	3	2	3	1	3	3	2	3	3	3			
CO4	3	3	3	3	3	3	1	3	3	2			
CO5	3	3	3	3	3	1	3	3	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III - B.A/ B.Sc   Model Question Paper

Paper –VII (B):FARMER PRODUCE ORGANISATION
VSEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50 M**
                                        SECTION - A

   Answer all the following   **(3 X 10 = 30)**

1 . (a)

                                            (Or)

   (b)

2. (a)

                                            (Or)

   (b)
3. (a)

                                            (Or)

   (b)
                                        SECTION - B

Answer any FOUR of the following   **(4 X 5 = 20)**

4.
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GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A/ B.Sc – ECONOMICS (CBCS PATTERN)
Paper-VII (B)
FARMER PRODUCE ORGANISATION
FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	**2**	**1**	**2**
Module-II	**1**	**1**	**3**
Module-III	**1**	**2**	**3**
Module-IV	**1**	**2**	**3**
Module-V	**1**	**2**	**3**
Total Marks	**60**	**40**	**100**

	Government College (Autonomous) Rajahmundry	Program & Semester III B.A/ B.Sc. (V Sem)			
Course Code ECO144	**TITLE OF THE COURSE** **Urban Entrepreneurship and MSMEs**				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

A. To generate employment opportunities in rural and urban areas of the country through setting up of new self employment projects / micro enterprises in non farm sector.
B. To increase the wage-earning capacity of artisans and contribute to increase in the growth rate of rural and urban employment

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Explain the basic theories and essentials of entrepreneurship
CO2	Identify and analyze the entrepreneurship opportunities available in local urban area
CO3	Apply the theories of entrepreneurship to the conditions of local urban area andformulate appropriate business ideas.
CO4	Demonstrate practical skills that will enable them to start urban entrepreneurship
CO5	Student will discuss the different case studies of MSME's

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit1: Entrepreneurship: Concept and Theories

Concept and Importance of Entrepreneurship - Theories of Entrepreneurship: Innovations, X-Efficiency, Risk Bearing - Qualities and Functions of an Entrepreneur – Women Entrepreneurship -Ecopreneurship

Unit2: Urban Entrepreneurship and Business Planning

Urban Entrepreneurial Ecosystem – Factors, Problems and Challenges of Urban Entrepreneurships - Process of Identification of new Entrepreneurship Opportunities in Urban Areas - Formulation of Business Planning for Urban Entrepreneurship.

Unit 3: MSMEs and New Urban Entrepreneurship Opportunities

Features of Micro Small Medium Enterprises (MSMEs) – Cluster Development Approach and Leveraging Technology for MSMEs – Problems and Challenges of MSMEs - New Entrepreneurial Opportunities in Urban Area: Food and Beverages, Sanitary and Health Products, Solid Waste and Scrap Disposal, Tourism and Hospitality Services, Consultancy Services and Event Management, Logistic services.

Unit 4: Financing and Marketing of Urban Entrepreneurship

Financing the Urban Entrepreneurship and MSMEs: Procedures to obtain formal loans from Banks and other Institutions, Preparing Detailed Project Report for Loan - New avenues of Finance: Crowd Funding and Venture Capital –Marketing of Urban Entrepreneurship and MSMEs products: Market Survey, Demand Forecasting, Marketing Strategies, Branding, Planning and Promotion, Digital and Social Media Marketing – Public Procurement Policy to purchase MSME Products.

Unit 5: Institutional Support and Case Studies of Urban Entrepreneurship

Institutional support for Urban Entrepreneurship and MSMEs - Government Schemes for promotion of Urban Entrepreneurship and MSMEs: Startup, Standup, PMKVY, PLI etc. – Rules and Procedures to start a Urban Entrepreneurship Firm and MSME –Discussion of two different types of Case Studies related to Urban Entrepreneurship with local relevance.

Text books:

1. Gordona, E and N. Natarajan: *Entrepreneurship Development*, Himalaya Publishing House Pvt Ltd, Mumbai, 2017.
2. Sharma Sudhir, Singh Balraj, Singhal Sandeep, *Entrepreneurship Development*, Wisdom Publications, Delhi, 2005.

Reference books:

1. Drucker, P., *Innovation and Entrepreneurship: Practice and Principles*, Harper & Row, New York, 1985; revised edn, Butterworth-Heinemann, Oxford, 1999
2. Vardhaman Mahavir Open University, *Entrepreneurship Development & Small Scale Business*, Kota

Web Links:

1. https://niti.gov.in/writereaddata/files/new_initiatives/report-of-the-expert-committee.pdf

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	2	1	3	3	2			
CO2	3	3	2	1	2	3	1	3	3	1			
CO3	3	3	3	1	3	2	2	3	3	3			
CO4	3	3	3	3	3	3	1	3	3	2			
CO5	3	3	3	3	3	3	1	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III - B.A/ B.Sc Model Question Paper
Paper –VI (C): Urban Entrepreneurship and MSMEs
V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

SECTION - A

Answer all the following   **(3X 10 = 30)**

1. (a)

(Or)

   (b)
2. (a)

(Or)

   (b)
3. (a)

(Or)

   (b)

SECTION - B

Answer any <u>FOUR</u> of the following   **(4x 5 = 20)**

4.

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11.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A/B.Sc – ECONOMICS (CBCS PATTERN)
Paper-VI (C)
Urban Entrepreneurship and MSMEs
FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester III B.A/ B.Sc. (V Sem)			
Course Code ECO145	TITLE OF THE COURSE Retail and Digital Marketing				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

1. Review key trends within the Digital Marketing landscape. • Explain the holistic impact of all Digital Marketing channels. • Examine an example of each Digital Marketing channel.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Explain the concepts and principles about the retail and digital marketing;
CO2	Identify and analyse the opportunities related to retail and digital marketing availablein the local area;
CO3	Apply the concept to formulate the new strategies related to retail and digital marketing;
CO4	Demonstrate the practical skills required to get employment in retail and digital marketing or to start own digital marketing.
CO5	Student will discuss the different case studies of marketing models

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit 1: Concept of Marketing

Concept of Marketing - Type of Markets – Marketing Mix – Marketing Strategies – Marketing Segmentation – Marketing Organization - Marketing Research - Pricing Policies and Practices - Major Players in Retail and Digital Market in India.

Unit 2: Understanding Product and Consumer

Marketing Product Types – Product Decision and Strategies - Product Life Cycle - Consumer Behavior Model – Factors of Consumer Behavior -Understanding Indian Consumer - Strategies of persuading the Consumer – Sale Promotion: Advertisement, Branding and Packaging.

Unit 3: Retail Marketing

Concept of Retail Marketing – Types of Retailing – Big and Small Retail Markets - Retail Marketing Mix – Essentials of Successful Retail Marketing - Retail Marketing Strategies – Multichannel Retailing – Store Management – Shopping Market Dynamics.

Unit 4: Digital Marketing

Digital Marketing: Concept and Types – Telemarketing –Online or e-tailing – Essentials of Digital Marketing –Difference between Physical Retail and Digital Marketing – Digital Marketing Channels - Customer Behavior in Digital Marketing – Major players in Digital Marketing and their Marketing Strategies - Tools and Apps of Digital Marketing.

Unit 5: Marketing Models and Case Studies

Marketing Models of Retail and Digital Market Companies/Shops: Global, National and Local levels- Discussion of two different types of Case Studies related to Retail and Digital Marketing.

Text books:
1. Prashant Chaudary: *Retail Marketing in the Modern Age*, Sage Publication, 2019
2. Philip Kotler:*Marketing Management*, 11[th]Edition, Prentice-Hall of India Pvt.Ltd., New Delhi. , 2002

Reference books:
1. S.Neelamegham:*Marketing in India*, 3[rd]edition, Vikas Publications, New Delhi,2000.
2. Venkatesh Ganapathy: *Modern Day Retail Marketing Management*, Bookboon Company, 2017

Web Links:
1. https://www.digitalmarketer.com/digital-marketing/assets/pdf/ultimate-guide-to-digital-marketing.pdf

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	2	1	3	3	2			
CO2	3	3	2	1	2	3	1	3	3	1			
CO3	3	3	3	1	3	2	2	3	3	3			
CO4	3	3	3	3	3	3	1	3	3	2			
CO5	3	3	3	3	3	3	1	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III - B.A/ B.Sc Model Question Paper
Paper –VII (C): Retail and Digital Marketing

V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   Max. Marks: 50

SECTION - A

Answer all the following   **(3X 10 = 30)**

1. (a)

(Or)

(b)
2. (a)

(Or)

(b)
3. (a)

(Or)

(b)

SECTION - B

Answer any FOUR of the following   **(4x 5 = 20)**

4.
5.
6.
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10.
11.

FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   Max. Marks: 50

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester III B.A/ B.Sc. (V Sem)			
Course Code ECO146	**TITLE OF THE COURSE** Inferential Statistics and Software Packages					
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

1. This **course** covers commonly used **statistical inference** methods for numerical and categorical **data**.
2. Demonstrate knowledge and understanding of the basic ideas behind discriminant and clustering analysis.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Demonstrate the knowledge related to the important concepts and techniques of inferential statistics
CO2	Calculate correlation, regression coefficients and interpret the results
CO3	Use Excel sheets and SPSS package to analyse the data and derive the results.
CO4	This **course** will focus on the concept of **linear regression**, **non-linear regression** and **regression** modelling.
CO5	This **course** is designed to provide you with basic working knowledge for using **Excel** spreadsheets for **Data Analysis**

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit 1: Concept and Theories of Probability

Concept of Probability - Definitions of Probability: Classical or Mathematical and Empirical or Statistical – Axiomatic Approach to Probability – Theorems of Probability: Addition and Multiplication (without proofs).

Unit 2: Theoretical Probability Distributions

Binomial Distribution: Constants (without proof) and Properties – Poison Distribution: Constants (without proof) and Properties – Normal Distribution: Constants (without proof) and Properties – Standard Normal Distribution and Standard Normal Curve – Economic and Practical Applications of Binomial, Poison and Normal Distributions.

Unit 3: Test of Significance - Large and Small Sample Tests

Steps involved in Testing of Hypotheses – Large Sample or Z-Test – Testing the difference between Means and Proportions – Small Sample Tests – Difference between Large and Small Sample Tests – Applications of Student's t-test, χ^2 test, F-test – One way and Two way ANOVA.

Unit 4: Linear and Non-linear Multiple Regression Models

Four Variable Linear Multiple Regression Model – Notation – Assumptions – Estimation of Partial Regression Coefficients – Interpretation of Regression coefficients - Testing the coefficients: t-test, p- value – Coefficient of Determination: R^2 and adjusted R^2 – Estimation of Non-linear Multiple Regression: Cobb-Douglas Production Function and Interpretation of Elasticity Coefficients.

Unit 5: Excel and Software Packages for Data Analysis

Worksheet – Entering data in Worksheets – Creating Graphs and Charts - Mathematical and Statistical Functions -Data Analysis Pack in Excel - Descriptive Statistics, Testing of Hypotheses, ANOVA, Correlation and Regression, Random Number Generation - Data Handling Using SPSS - Opening Excel files in SPSS - Analysis Tools - Descriptive Statistics - Selection of Variables in Multiple Linear Regression – Estimation of Regression Coefficients using SPSS and their interpretation.

Text books:
   a. S. C. Gupta: **Fundamentals of Statistics,** Himalaya Publishing House, Bombay,1982.
   b. S. P. Gupta: *Statistical Methods,* S. Chand & Company, New Delhi, 2000.

Reference books:
   1. B. N. Gupta: *Statistics Theory and Practice,* Sahitya Bhavan, Agra, 1992.
   2. Goon A.M., M. K. Gupta and B. Dasgupta: *Fundamentals of Statistics,* Vol.1, The World Press, Ltd, Calcutta, 1975.

Web Links:
   1. https://www.sciencedirect.com/topics/medicine-and-dentistry/inferential-statistics

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	2	1	3	3	2			
CO2	3	3	2	1	2	3	1	3	3	1			
CO3	3	3	3	1	3	2	2	3	3	3			
CO4	3	3	3	3	3	3	1	3	3	2			
CO5	3	3	3	3	3	3	1	2	3	2			

V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

SECTION - A

Answer all the following   **(3X 10 = 30)**

1. (a)

                      (Or)

  (b)

2. (a)

                      (Or)

  (b)

3. (a)

                      (Or)

  (b)

SECTION - B

Answer any <u>FOUR</u> of the following   **(4x 5 = 20)**

4.

5.

6.

7.

8.

9.

10.

11.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A/B.Sc – ECONOMICS (CBCS PATTERN)
Paper-VI (D)
Inferential Statistics and Software Packages

FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester III B.A/ B.Sc. (V Sem)			
Course Code ECO147	**TITLE OF THE COURSE** **Project Designing and Report Writing**					
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C	
Pre-requisites:		4	1	-	4	

Course Objectives:

1. To make them understand the concepts of Project Management for planning to execution of projects.
2. To make them understand the feasibility analysis in Project Management and network analysis tools for cost and time estimation

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Demonstrate the knowledge relating to research, its role in enhancement ofknowledge in social sciences in general and economics in particular;
CO2	Formulate a good research design to undertake mini research projects with a view tostudying the socio-economic problems of the society;
CO3	Undertake a field survey by himself/herself to collect relevant data and informationrelating to his/her project work;
CO4	Develop capacity to write a simple project report with all relevant components on theresearch project undertaken by him/her.
CO5	The ability to write all kinds of reports in a globally recommended structured manner, in keeping with their organizational brand values.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Syllabus:

Unit 1: Foundations of Research

Meaning and Importance of Research - Scientific Research – Social Science Research – Methods of ensuring Objectivity in Social Science Research – Limitations of Research in Social Science – Ethics in Research.

Unit 2: Classification of Research

Pure and Applied Research – Exploratory and Descriptive Research – Diagnostic Research – Action Research – Analytical Research – Evaluation Research – Experimental Research Design – Concepts of Independent and Dependent Variables – Case Study method.

Unit 3: Planning of Research Project

Selection of a Research Problem – Criteria for Selecting a Research Problem – Review of Theoretical and Related Research Studies - Choice of Secondary and Primary Data for the Study - Choice of Census and Sample Data – Preparation of a Research Proposal – Components of a good Research Proposal.

Unit 4: Implementation of a Project Design

Fieldwork/Project work and Collection of Data – Choice of Schedules and Questionnaire – Pilot Study – Role of Observation and Participation – Documentary Evidences - Projective Techniques: Functions and Types - Editing Data – Graphical and Statistical Analysis of Data using Appropriate Statistical Techniques.

Unit 5: Report Writing

Types of Research Report – Target Audience – Nature of Language to be used in Research Report - Outlines of a good Research Report – Prefatory Items – Body of the Report – Terminal Items: Differences between References and Bibliography – Appendices - Ethical values in Research Report - Plagiarism Test - Components of a good Research Paper

Text books:

a. C. T. Kurien: *A Guide to Research in Economics,* Sangam Publishers for MadrasInstitute of Development Studies, Chennai, 1973.
b. O. R. Krishnaswami and M. Ranganatham: *Methodology of Research in SocialSciences,* Himalaya Publishing House, Mumbai, 2018.

Reference books:

a. Dr. Ranjit Kumar: *Research Methodology: A Step-by-Step Guide forBeginners*, Sage Publications, New Delhi, 2014.
b. Mark Balnaves & Peter Caputi: *Introduction to Quantitative Research Methods: An Investigative Approach*, Sage Publications, New Delhi, 2001.

Web Links:

1. https://www.sinnaps.com/en/project-management-blog/project-report

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
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CO2	3	3	2	1	2	3	1	3	3	1			
CO3	3	3	3	1	3	2	2	3	3	3			
CO4	3	3	3	3	3	3	1	3	3	2			
CO5	3	3	3	3	3	3	1	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III - B.A/ B.Sc Model Question Paper
Paper –VII (D): Project Designing and Report Writing

V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

SECTION - A

Answer all the following   **(3X 10 = 30)**

1. (a)

(Or)

  (b)

2. (a)

(Or)

  (b)

3. (a)

(Or)

  (b)

SECTION - B

Answer any <u>FOUR</u> of the following   **(4x 5 = 20)**

4.

5.

6.

7.

8.

9.

10.

11.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A/B.Sc – ECONOMICS (CBCS PATTERN)
Paper-VII (D)
Project Designing and Report Writing

FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	1	2
Module-II	1	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

B.A (RURAL DEVELOPMENT SYLLABUS)
THREE YEARS

	Government College (Autonomous) Rajahmundry			Program & Semester			
Course Code **RD101**	**TITLE OF THE COURSE** RURAL ECONOMICS-1			I B.A PARDSW & sem I			
Teaching	Hours Allocated: 60 (**Theory**)			L	T	P	C
Pre-requisites:				4	1	-	4

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Course Objectives:
</div>

   A. To know the Employment and Poverty in India.
   B.Understand the Rural occupational Structure.
   C.Understand the Rural Development in India.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Understand the Nature and Scope of Rural Economics
CO2	Recognizes the rural resources management in India
CO3	Study the Rural Demography and Rural Occupational structure
CO4	Analyse the Rural Poverty and Unemployment
CO5	Student will discuss the Role of Poverty and unemployment in India.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I : Introduction to Rural Economics

  Nature and Scope of Rural   Economics, Inter-disciplinary approach of Rural Economics – Components-Structure and Characteristics -Pre and Post-independence-importance of Rural Economics.

Module II : Rural Resources Management in India

 Rural Resources –Nature-Types and Magnitude - Rural Resources- Management and Development, Application of Technology in Rural Development – Problems and prospects-Rural Resources Potential and Management issues.

Module III : Rural Demography

  Population Size - Sex and Age Composition- Density of Population- Population Problems and Challenges – Family Welfare Measures in Rural India-Population Control

Module IV : Rural Occupational Structure

Nature of Rural Occupations - Occupational Distribution in Rural India – The Concept of Work Participation Rates.- Features of Occupational Structure

Module V : Rural Poverty and Unemployment   14 Hours

Rural Poverty-Meaning, Estimates, Causes and Consequences. Unemployment - Meaning, Types, Magnitude of Rural Unemployment, - Causes and Consequences.-Poverty Line

Text books:
1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012
2. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02.

Reference books:
1. . Mukundan,N.-Rural Development and Poverty eradication in India.
2. 5. Katar Singh -Rural Development –Principles, Policies and Management.

Web Links:
2. http://www.freebookcentre.net/Biology/Agriculture-Books.html
3. https://subjectguides.ara.ac.nz/agriculture/Books

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

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CO1	3	3	3	2	3	3	2	3	3	3			
CO2	3	3	3	2	2	3	2	3	3	2			
CO3	3	3	3	2	2	3	2	3	3	3			
CO4	3	3	3	2	3	3	3	3	3	3			
CO5	3	3	2	3	3	3	1	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

B A RURAL DEVELOPMENT (CBCS PATTERN)
Paper-I (Core Paper)
B A RURAL DEVELOPMENT
FIRST SEMESTER END EXAMINATIONS

Time:2 ½ hours   **MAX MARKS:50**

SECTION -A

Answer all questions   **3x10 =30**

1 (a) Explain the nature and scope of rural economics?

(or)

(a) Explain management and development of rural resources.

2 (a) What are the problems and prospects in the application of technology in rural Economics?

(or)

(b) What are the problems and challenges of high population?

3.(a) what is rural poverty? Explain the causes of rural poverty?

(or)

(b) What is unemployment? Explain the causes of unemployment.

SECTION -B

Answer any four of the following   **4x5=20 Marks**

4. Relationship of rural economics with other disciplinarians

5. Characteristic of rural Economics

6. Types are rural resources

7. Family welfare measures

8. Nature rural of occupation

9. Occupational distribution in Rural India

10. Types of unemployment

11. Population size

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

I-B.A Paper-I (Core Paper)
PAPER I: RURAL DEVELOPMENT
FIRST SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (4 marks)	Total Questions
Module-I	1	2	3
Module-II	1	1	2
Module-III	1	2	3
Module-IV	1	2	3
Module-V	2	1	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
Course Code RD102	**TITLE OF THE COURSE** RURAL DEVELOPMENT PROGRAMMES - II	I B.A PARDSW & II SEM

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

A. To know how economic development measures the rural growth
- B. Understand various rural development theories.
- C. To know the various employment schemes in India.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Understand the factors Effecting rural growth and measurement of Economic Development
CO2	Analyse the Rural Development theories of Rostow,Lewis etc
CO3	Assess the different Rural Development and Rural Empowerment programmes
CO4	To know briefly about MGNREGA Program
CO5	Recognizes different Agencies for Rural Development.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I: Growth and Development 16 Hours

Rural Development- Meaning, Nature and Scope - Factors Affecting Rural Growth - Economic Development- Definitions, Characteristics and Measurement - Per Capita Income, Physical Quality of Life Index, Human Development Index.

Module II : Rural Development Theories 16 Hours

W.W. Rostow's Theory of Stages, Lewis-Fei-Ranis Modeland Gandhi an Approach to Rural Development.

Module III: Approaches to Rural Development 16 Hours

Early attempts for Rural Development - National Programmes for Rural Development, Community Development Programmes and Employment Guarantee Schemes.

Module IV: Rural Empowerment Programmes   8 Hours

Bharat Nirmana, Provisions of Urban Amenities in Rural Area (PU RA), Mahatma Gandhi National Rural Employment Guarantee Act- Features and Challenges.

Module V: Agencies for Rural Development   4 Hours

 Government, Semi-Government Organisations, Co-Operative Institutions, Non-Government Organisations and Voluntary Agencies for Rural Development.

Text books:
1. Dutt and Sundaram- Indian Economy, S.Chand Publications, New Delhi, 2013-07-02.
2. . S.K. Mishra and V.K. Puri- Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.

Reference books:
1. Vasant Desai: Rural Development in India, Himalaya Publishing House,
2. K Vijayakumar Empowerment of weaker section future planning and strategies for Rural Development in India.

Web Links:
1. http://www.freebookcentre.net/Biology/Agriculture-Books.html
2. https://subjectguides.ara.ac.nz/agriculture/Books

CO-PO Mapping:
(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	2	2	2	3	2	2			
CO2	3	3	3	2	3	3	1	3	3	2			
CO3	3	3	3	2	2	3	2	3	3	3			
CO4	2	3	3	2	2	3	2	3	2	2			
CO5	3	3	3	2	3	1	3	3	2	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
I - B.A– ECONOMICS (CBCS PATTERN)
Paper-II (Core Paper)
Rural Development Programme
SECOND SEMESTER END EXAMINATIONS
Model Question Paper- 2022-23

Time: 2 ½ Hrs   **Max. Marks: 50**

SECTION - A

Answer the following questions

(3 X 10 = 30)

1. (a) Explain the Nature and Scope of Rural Development?

   (Or)
   (b) Explain the Measurement of Economic Development?

2. (a) Explain the W.W. Rostow's theory of Stages?

   (Or)
   (b) Explain the National programmes for Rural Development ?

3. (a) Explain the program MGNREGS Act?

   (Or)
   (b) Explain the Urban Amenities in Rural area (PURA) Projects?

SECTION - B

Answer any FOUR of the following   **(4 X 5 = 20 M)**
5. Factors affecting Rural Growth
6. Per Capita Income
7. Gandhian approach to Rural development
8. Lewis-Fei-Ranis Model-
9. TRYSEM
10. Bharat Nirman
11. Non-Government Organisation
12. Government and Semi Government organisation

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

B.A Paper-II (Core Paper)
RURAL DEVELOPMENT PROGRAMMEE
SECOND SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   Max. Marks: 50 M

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	2	2	4
Module-II	1	2	3
Module-III	1	1	2
Module-IV	1	1	2
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry			Program & Semester II B.A PARDSW & III SEM		
Course Code RD103	**TITLE OF THE COURSE** AGRICULTURE AND RURAL LABOUR					
Teaching	Hours Allocated: 60 (**Theory**)		L	T	P	C
Pre-requisites:			4	1	-	4

Course Objectives:

A. To know how land reforms effect in India
B. Understand the New agricultural strategies in India.
C. To know the problems of Agriculture labourers

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Sensitize the overall Development and engaging of growth in Agriculture
CO2	Understand the limited resources availability in Economy
CO3	Understand the depended labour and Agricultural sector and their contribution in National Income
CO4	Knowledge about the labour dependency in different sector
CO5	Understand the problems about the small and medium scale industries

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I : Agriculture and Rural Labour

Meaning, Importance, Characteristics of Agriculture: New Agricultural Strategy, Green Revolution, Recent Trends in Agriculture Development in India, Agricultural Policy in India.

Module II : Land Reforms in India

Tenancy Systems –Meaning,Forms, Consequences; Land ReformsConcepts, Importance, Progress and Current Status in India.

Module III: Farm Size and Efficiency in Rural Economy

Meaning and Importance, Productivity and Profitability, Farm Size - Productivity and Profitability - Agriculture Productivity in India- Status, Problems, Remedies.

Module IV: Agricultural Labour

Meaning, Types - Status and Magnitude - SocioEconomicCharacteristics - Agricultural Labour Problems Unemployment, Migration- Causes and Remedies.

Module V: Rural Labour

Meaning, Types – Labour in Small and Cottage Industries. Rural Labour in Service Sector,Problems, Government Measures.

Text books:

1. Vasant Desai: Rural Development in India, Himalaya Publishing House, Mumbai, 2012.
2. . S.K. Mishra and V.K. Puri- Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.

Reference books:

1. Venkata Reddy, K. – Agriculture and Rural Development Himalaya Publication house.
2. K Vijayakumar Empowerment of weaker section future planning and strategies for Rural Development in India.

Web Links:

1. http://www.freebookcentre.net/Biology/Agriculture-Books.html
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CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	1	3	3	1	3	3	3			
CO2	3	3	3	2	2	2	2	3	3	3			
CO3	3	3	3	2	3	3	2	3	3	3			
CO4	3	3	3	1	3	2	1	3	3	3			
CO5	3	3	3	2	2	3	3	3	1	3			

THIRD SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

Section-A

Answer the following questions   **(3X10 = 30 Marks)**

1. (a) Explain the importance of Agriculture Sector?

(or)

   (b) What is Green Revolution? And impact of Green Revolution?

2. (a) Explain Tenancy reforms implements in India ?

(or)

   (b) Explain the concepts of land reforms in India?

3. (a) What is Farm size and explain its productivity and profitability in   farm size.

(or)

   (b)What is Migration? Explain the causes and remedies of Migration ?

Section-B

Answer any FOUR of the following questions   **(4X5 = 20Marks)**

4. New Agricultural strategy

5. Agricultural policy in India

6. Tenancy system

7. Agricultural labour

8. Small Scale Industries in rural areas.

9. Problems of agricultural labourers

10. Causes of migration

11. Agricultural productivity in India.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Agriculture and Rural Labour
THIRD SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester
			II B.A PARDSW & IV SEM
Course Code RD104	**TITLE OF THE COURSE** RURAL INDUSTRIALISATION		

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

    A. To know how land reforms effect in India
    D. Understand the New agricultural strategies in India.
    E. To know the problems of Agriculture labourers

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Understand the factors Effecting rural growth and measurement of Economic Development
CO2	Anlyse the Rural Development theories of Rostow,Lewis etc
CO3	Assess the different Rural Development and Rural Empowerment programmes
CO4	Recognizes different Agencies for Rural Development
CO5	Understand the problems about the small and medium scale industries

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I: Rural Industrialisation: **14 Hours**

Concept, Need and Importance - Growth of Rural Industries in India – Gandhian Approach and Modern Approach - Problems and Remedies of Rural Industrialisation. Gandhian Approach to rural development

Module II: Rural Industries in India: **14 Hours**

Growth and Structure of Rural Industries, Current Status, Measures to Sustain Growth, Sickness – Remedial Measures. Advantages in rural development programmes

Module III: Small Scale and Cottage Industries in Rural India: **10 Hours**

Meaning, Definition, Role, Present Position, MSME – Industrial Policies and Programmes, Problems – KVIC and its Role. Problems and prospects in small scale industries

Module IV: Rural Industrial Financing: **12 Hours**

Sources of Credit - Institutional and Non –Institutional -Role of Commercial Banks, Co-operatives, Gramina Banks and NABARD. Impact of NABARD on rural banks

Module V: Rural Industrial Labour: **10 Hours**

Meaning, Importance, Types - Organized and Unorganized Rural Industrial Labour – Rural Industrial Labour Problems - Labour Turn Over – Migration. Microfinance

Text books:
1. S.K. Mishra and V.K. Puri- Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.
2. Shankar Chatterjee- Implementation of Rural Development.

Reference books:
1. Venkata Reddy, K. – Agriculture and Rural Development Himalaya Publication house.
2. K Vijayakumar Empowerment of weaker section future planning and strategies for Rural Development in India.

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CO-PO Mapping:
(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
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CO3	3	3	3	1	1	2	2	3	3	3			
CO4	3	3	3	2	2	2	2	3	3	2			
CO5	3	3	3	2	1	2	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Model Question Paper
II B.A   Paper –IV: RURAL INDUSTRILIZATION
IV SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   Max. Marks: 50

SECTION – A

Answer the following questions   **(3 X 10 = 30)**

1. (A) Explain The Concept , Needs And Importance Of Rural Industries In India
.

(Or)

   (B) Explain The Problems And Remedial Measures Of Rural Industrialisation In India

2. (A) Explain The Growth And Structure Of Rural Industries In India.

(Or)

   (B) Explain The Role And Present Position Of MSME

3 . (A) Explain The Functions Of NABARD

(Or)

   (B) Explain The Problems Of Rural Industrial Labour

SECTION - B

Answer any FOUR of the following   **(4 X 5 = 20)**

4. Gandhian Approach

5. Measures to Sustain Growth

6. KVIC and its Role.

7. Small Scale Industries

8. Co-operative banks

9. Micro Finance

10. Rural Migration

11. Unorganized Rural Industrial Labour.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Model Question Paper
II B.A   Paper –IV: RURAL INDUSTRILIZATION
IV SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester		
Course Code RD111	TITLE OF THE COURSE AGRICULTURE ECONOMICS	II B.A PARDSW & IV SEM			
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

A. To provide theoretical knowledge in agricultural economics with reference toIndian agriculture.
B. To equip the students to understand the problems and prospects of Indianagriculture

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Understand limited resources available in the economy. Realize the need to exploit and utilize through development and improvement of production techniques
CO2	Productivity trends in Indian agriculture with special reference to Andhra Pradesh
CO3	Green revolution and its impact on Indian economy
CO4	Emerging trends in processing, marketing and exports in agricultural products
CO5	To understand the Agro – based industries in India

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module IAGRICULTURE AND ECONOMIC DEVELOPMENT

Definition and scope of Agriculture Economics – Agriculture in a growing Economy –Subsistence Agriculture and its Modernization – Interdependence between Agriculture and Industry – Farming System : Traditional, Subsistence, Commercial, co-operative, Collective and State farming – Role of Agriculture in Economic development of a Nation.

Module II   AGRICULTURE PRODUCTION IN INDIA

Features of Indian Agriculture : Farm size, and productivity relationship in Indian Agriculture – Extent of Employment and unemployment in Agriculture – Technical change and Labour adsorption – Agricultural wages – women in Agriculture – Wage discrimination.

Module III   FACTORS AFFECTING AGRICULTURE GROWTH AND PRODUCTIVITY

Size of land holdings – Land Reforms – Supply of Inputs : Irrigation, Power, Seed andFertilizer – Pricing of Inputs – Social forestry and Environment – Determination of theprices of Agricultural commodities

– Agricultural prices policy in India – Crop Insurance.

Module IV   AGRICULTURAL CREDIT IN INDIA AND AGRICULTURALMARKETS

Demand for Agricultural credit and supply of Agricultural credit – Institutional agencies supplying Agricultural credit : National bank for Agriculture and Rural development[NABARD], Co-operatives, Commercial Banks, and Regional Rural banks Agricultural Markets : Definition and Scope – Types of Agricultural markets – cooperative marketing and regulated markets : Structure and functioning Agricultural markets and marketing Efficiency – market failures and state intervention.

Module V   CHALLENGES TO INDIAN AGRICULTURE

Trends in Agricultural development under the 5 year plans – policies and programmes for Agricultural development – Green revolution andits impact – Sustainable Agriculture New Agricultural policy – World trend organization and Indian Agriculture.

Text books:
1. Tyagi B.P. (2002), Agricultural Economics and Rural development, Jaiprakash
2. Shankar Chatterjee- Implementation of Rural Development.

Reference books:

1. Bhaduri, A. (1984), The Economic Structure of Backward Agriculture, Macmillan, Delhi.
2. Dandekar V.M (1994), The Indian Economy 1947-1992, Vol I Agriculture, Sage

Web Links:
1. https://onlinelibrary.wiley.com/journal/15740862
2. http://www.studyingeconomics.ac.uk/module-options/agricultural-economics/

CO-PO Mapping:
(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	1	3	3	2			
CO2	3	3	2	1	3	3	1	3	3	1			
CO3	3	3	3	2	3	3	1	3	3	3			
CO4	3	3	3	3	3	2	1	2	3	2			
CO5	3	3	3	2	3	3	1	3	3	1			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

II- B.A RURAL DEVELOPMENT
AGRICULTURAL ECONOMICS
IV SEMESTER END EXAMINATIONS
Model Question Paper- 2022-23

Time: 2 ½ Hrs.   **Max. Marks: 50 M**

<u>**SECTION - A**</u>

Answer all the following   **(3X 10= 30)**

1. (a) Explain nature and scope of Agricultural Economics and Interdependence between agriculture and industry.

(Or)

(b) What are the factors affecting the agricultural development? Explain.

2. (a) Explain the concept of Production Function in Agricultural Sector?

(Or)

(b) Explain the role of agrarian reforms in economic development.

3. (a). Explain the trends in production, processing, marketing and exports in agriculture.

(Or)

(b) What is Green Revolution? Explain its impact

<u>**SECTION - B**</u>

Answer any <u>FOUR</u> of the following   **(4 X 5 = 20)**

4. Interdependence between agriculture and industry

5. Growth and productivity trends in Andhra Pradesh agriculture

6. Systems of farming

7. Farm size and productivity relationship in AP Agriculture

8. New Agricultural strategy.

9. Drought Prone Area Programme (DPAP)

10. Agrarian reforms

11. Agricultural Marketing

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Model Question Paper
II B.A   Paper –V: AGRICULTURAL ECONOMICS
IV SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester III B.A PARDSW & V SEM			
Course Code RD105	TITLE OF THE COURSE REGIONAL ECONOMICS				
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	-	4

Course Objectives:

A. The ultimate objectives of regional economic policy run in terms of promotion of individual welfare, opportunity, equity, and social harmony.
B. It would seem obvious, then, that economic policy in regard to a region should promote higher per capita real incomes, full employment, wide choice of kinds of work and styles of life for the individual, security of income, and not too much inequality among incomes.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	To understand the fundamentals of Regional Economics.
CO2	To help students understand the impacts of globalization on regional economies.
CO3	Assess the spatial micro economic theories of regional economics
CO4	Assess the spatial macro economic theories of regional economics
CO5	Understand the new economic reforms in India.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

MODULE I INTRODUCTION

Definition and Scope of Regional Economics – Concepts of region – Types of Region – Importance of Regionalization – Regionalization Approaches – Indicators of Regional Development.

MODULE II SPATIAL MICRO ECONOMIC THEORY

Determinants of Regional Location – Theories of Location – Von Thunen, Weber, Isaed, christaller, Losch on Location – Concentration vs Dispersal of Economic Activities.

MODULE III SPATIAL MACRO ECONOMIC THEORY

Regional Social Accounting – Regional Growth Process – Regional Multiplies – Regional Input Output Analysis – Regional Business Cycle – Convergence and Divergence –Techniques for regional Economic Analysis

MODULE IV REGIONAL ECONOMIC POLICY AND REGIONAL DISPARITIES

Importance and Objectives of regional Economic Policy – Formulation of Regional Economic Policy – Tools – Techniques Implementation – Limitations Causes of regional Disparities – Indicators – Extent – Trends – Policies and Programmes to reduce Disparities – Regional Planning – Backward Area Development Programmes –Institutional and Policy framework.

MODULE V GLOBALIZATION AND REGIONALIZATION

Significance – Impact of New Economic Policy and Globalization on RegionalDevelopment – New Challenges and Policy Choices.

Text books:

1. Richardson H.W (1969) Elements of Regional Economics, Penguin Harmendsworth
2. Shankar Chatterjee- Implementation of Rural Development.

Reference books:

1. Shekhar Sudharshu (ed) (2003) Regional Planning in India, vol-I and II Anmol Publications, New Delhi.
2. Shrivastava O.S.(1992) Regional Economics : Theoretical issues, Anmol Publications ,New Delhi

Web Links:

1. https://ddceutkal.ac.in/Syllabus/MA_Economics/ECO-4.1-REGIONAL-ECONOMICS.pdf
2. https://link.springer.com/content/pdf/bfm%3A978-1-349-23364-9%2F1.pdf

CO-PO Mapping:

(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	1	3	1	1	3	3	2			
CO2	3	3	3	2	2	1	1	3	3	3			
CO3	3	3	3	1	3	1	1	3	3	3			
CO4	3	3	3	2	2	1	1	3	3	2			
CO5	3	3	2	1	3	2	2	3	3	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Model Question Paper
III B.A RURAL DEVELOPMENT
Paper – VI (A): REGIONAL ECONOMICS
V SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

SECTION – A

Answer the following questions   **(3 X 10 = 30)**

1.   A) Define Regional economics. Explain the scope of regional economics.

(OR)

 B) Explain the different indicators of Regional development.

2.   A) What is Regional location. Explain the weber theory of regional location.

(OR)

 B) Differentiate between concentration and dispersal of economic activities.

3.   A) What is social accounting. Explain regional social accounting

(OR)

 B) Explain the importance and objectives of regional economic policy.

Section-B

Answer any <u>FOUR</u> of the following questions   (4X5 = 20 Marks)

 5. Types of regions.

 6. Determinants of regional location.

 7. Regional business cycle.

 8. Backward Area Development Programme.

 9. New economic policy.

10. Regional economics.

 11. Regionalisation.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
B.A RURAL DEVELOPMENT Paper-VI(A) (Core Paper)
RIGEIONAL ECONOMICS
FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	**60**	**40**	**100**

	Government College (Autonomous) Rajahmundry		Program & Semester III B.A PARDSW & V SEM			
Course Code RD106	**TITLE OF THE COURSE** RURAL FINANCE AND SERVICE					
Teaching	Hours Allocated: 60 (**Theory**)		L	T	P	C
Pre-requisites:			4	1	-	4

Course Objectives:

A. Improve the transparency and accountability of financial institutions dealing with rural people. Reduce the high costs and risks of financial transactions in rural areas.
B. Respond to the demand for a variety of financial services by the rural people.
C. Bring about closer links between service providers and beneficiaries.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	To enable the students to understand nature of Rural Finance & Services
CO2	To make familiar the students about Growth and Development processes
CO3	To enable the students to understand Rural Marketing Processes
CO4	Understand about the Rural co-operative marketing in India
CO5	Understand the supporting prices for farmers in India.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I :

Rural Finance in India 16 Hours Need for Rural credit -Credit delivery mechanisms - Rural Cooperative Credit Societies – Long-term Rural Credit -New strategy for Rural lending.

Module II :

Rural Institutional and Non –Institutional Finance in India Sources – Nationalized Banks, RRBs, NABARD - Co-operative Sector and Micro Finance -Non-Institutional Rural Financial Services – NBFIs, SHGs - Issues and Problems.

Module III:

Rural Marketing 12 Hours Concept –Importance of Rural Marketing - Classification and Structure of Rural Marketing - Input Market and Output MarketRegulated markets -Ware Housing and Cold Storages - Problems & Remedies.

Module IV:

Rural Co-Operative Marketing 12 Hours Meaning and Definitions, Types, Structure-Role of Co-Operative markets,- State level Co-Cooperative marketing organizations, National Co-Operative Development Co-Operation (N.C.D.C) Government Policy measures.

Module V:

Rural Marketing Information and Pricing Nature and Scope, Channels of Marketing information, Famers Service Centres - E-choupal -Support Price Policy in India.

Text books:
1. Richardson H.W (1969) Elements of Regional Economics, Penguin Harmendsworth
2. Shankar Chatterjee- Implementation of Rural Development.

Reference books:

1. Meenu agarwal – Consumer behaviour and Rural Marketing in India.
2. Y. Subbarayudu and P Mohana Reddy-Regional Rural Banks and Rural Development

Web Links:
1. https://www.fao.org/3/Y2006E/y2006e0c.htm
2. https://www.soas.ac.uk/cedep-demos/000_P528_RF_K3736-Demo/module/pdfs/p528_unit_01.pdf

CO-PO Mapping:
(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	2	3	3			
CO2	3	3	2	3	3	3	3	2	3	3			
CO3	3	3	3	3	3	1	3	1	3	2			
CO4	3	3	2	3	3	2	3	1	3	2			
CO5	3	3	3	2	3	2	3	3	1	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
Model Question Paper
III B.A RURAL DEVELOPMENT
Paper – VII(A): RURAL FINANCE AND SERVICE
V SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

SECTION – A

Answer the following questions   **(3X 10 = 30)**

1. A) What is the Need for rural credit .Explain different types of rural credit.
                                        (OR)
    B) What are credit delivery mechanisms. Explain role of rural Co-operative Credit Societies
       .
 2.   A) What are the Functions of NABARD.
                                        (OR)
      B) Explain Non-Institutional finance services in India.

 3.   A)What is the importance of rural marketing. Explain the classifications of rural marketing.
                                        (OR)
       B) Define rural co-operative marketing. Explain types and structure of rural co-operative
markets.

Section-B

Answer any FOUR of the following questions   (4X5 = 20 Marks)

 5. New strategy for rural ending.

 6. Regional Rural Banks.

7. Regulated Markets,

 8. State level co-operative marketing organisation.

 9.Former service centers

10. Rural finance.

11. Short term rural credit.

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GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A RURAL DEVELOPMENT Paper-VII(A) (Core Paper)
RURAL FINANCE AND SERVICE
FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	**60**	**40**	**100**

	Government College (Autonomous) Rajahmundry		Program & Semester III B.A PARDSW & V SEM			
Course Code RD107	TITLE OF THE COURSE BASICS OF ANDHRA PRADESH ECONOMY					
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C	
Pre-requisites:		4	1	-	4	

Course Objectives:

A. Improve the transparency and accountability of financial institutions dealing with rural people. Reduce the high costs and risks of financial transactions in rural areas.
B. Respond to the demand for a variety of financial services by the rural people.
C. Bring about closer links between service providers and beneficiaries.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	Develop idea about basic characteristics of Indian and AP Economy
CO2	Understand the importance, causes and impact of population growth and its distribution, translate and relate them with Economic Development
CO3	Gross the importance of planning under taken by the government of India
CO4	Understand the Agriculture as the foundation of Economic growth and development and its contribution to the Economy as a whole
CO5	Understand the Andhra Pradesh economy

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

MODULE – 1
Economic Policies of Andhra Pradesh:

Socio Economic welfare Programmes of Government of Andhra Pradesh.

MODULE - 2
Composition of Population in Andhra Pradesh – Rural – Urban, Sex Ratio, Age Distribution.

MODULE - 3
Agriculture Growth of Andhra Pradesh

Contribution of agriculture to income and employment in Andhra Pradesh. Land reforms in Andhra Pradesh - Cropping pattern – Irrigation Policy of Andhra Pradesh - sources of agricultural finances -agricultural subsidies – public distribution system in Andhra Pradesh.

MODULE – 4
Industrial growth of Andhra Pradesh
Industrial development in Andhra Pradesh – Growth and Structure of industries - Incentives to industries - Industrial corridors in and SEZ's in Andhra Pradesh – Bottlenecks of Industrial Development – Power Projects.

MODULE - 5
Resource Development of Andhra Pradesh

Andhra Pradesh Budgetary resources and constraints - Fulfillment of the conditions of A.P Bifurcation Act – central assistance and issues of conflict - public debt and projects of external assistance.

Text books:
1. .K.Misra & V,K,Puri - "Indian Economy", Himalaya Publishing House, 2015.
2. M.P.Todaro - "Economic Development", Longman, London 6/e, 1996.

Reference books:

1. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015. 3. G.M.Meier - "Leading Issues in Economic Development", Oxford University Press, New York, 3/e.
2. Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.

Web Links:
1. https://www.core.ap.gov.in/cmdashboard/Download/Publications/ap%20economy%20in%20brief-2020.pdf
2. hhttps://www.academia.edu/33186215/THE_ECONOMY_OF_ANDHRA_PRADESH

CO-PO Mapping:
(1: Slight [Low];   2: Moderate[Medium];   3: Substantial[High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	2	3	3	1	3	3	2			
CO2	2	3	3	1	3	1	1	3	3	2			
CO3	3	3	3	2	2	1	1	3	3	3			
CO4	3	3	3	1	3	1	1	3	3	3			
CO5	3	3	3	2	2	1	1	3	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III-B.A RURAL DEVEVELOPNMENT– Semester-V
Under CBCS
Paper-VI(B): Basics of Andhra Pradesh Economy

Time: 2 ½ hours   Max. Marks: 50

Section-A

Answer the following questions   (3X10 = 30 Marks)

1. (a) Explain the Socio-Economic welfare programme of Government of Andhra Pradesh.

(or)

(b) Explain the Trends in population and percapita income growth in Andhra Pradesh.

2. (a) Explain the importance of Agriculture in Andhra Pradesh Economy.

(or)

(b) Explain the irrigation facilities in Andhra Pradesh Economy.

3. (a) Explain the basic features of Andhra Pradesh economy after bifurcation.

(or)

(b) Explain the importance of industries in Andhra Pradesh Economy

Section-B

Answer <u>Four</u> of the following questions   (4X5 = 20 Marks)

4. Navaratnalu

5. Density of population in AP

6. Sources of agriculture finance in AP

7. Land reforms in AP

8. Power projects

9. SEZ in AP

10. Fulfillment of conditions of AP
11. Public debt and projects of external assistance.

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

III B.A RURAL DEVELOPMENT (Core Paper)
PAPER VI(B) : Basics of Andhra Pradesh Economy

FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   Max. Marks: 50

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	1	1	2
Module-III	2	2	4
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester III B.A PARDSW & VSEM			
Course Code RD108	**TITLE OF THE COURSE** RURALINFRASTRUCTURE AND DEVELOPMENT					
Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C	
Pre-requisites:		4	1	-	4	

Course Objectives:

A. To promote economic growth among the rural population through adequate access to food, shelter, clothing, education and employment. With proper opportunities proportional to the same in urban areas, individuals residing in rural areas will be able to get a level ground for income options.
B. Respond to the demand for a variety of financial services by the rural people.

Course Outcomes:

On Completion of the course, the students will be able to-	
CO1	It helps and provides the fund support that is needed and also in cost-effective ways. Monitors the entire process and evaluates them finally. Associates, along with the Government for timely delivery.
CO2	Understand the importance of Rural transport in India.
CO3	To know social infrastructure and education and health.
CO4	Understand the Rural communication technology.
CO5	Understand the Rural energy sources in India

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I :   **12 Hours**

Rural Infrastructure Meaning, Components -Importance of Rural infrastructure, Growth of Rural Infrastructure – Infrastructure Policy- Rural Infrastructure Development Fund (RIDF).

Module II :   **14 Hours**

Rural Transportation Types and Structure - Road and Rail Co- ordination - Rural transportation problems - Various Schemes for Rural Transportation Development in India.

Module III: **14 Hours**

Social Infrastructure Concept -Components of Social Infrastructure, Education, Health, Drinking Water - Sanitations -Issues, problems and Remedies.

Module IV: **10 Hours**

Rural Communication and Information Communication Technology Need, Sources, technology and Rural Communication, Issues and problems - Government policies for rural Communication.

Module V: **10 Hours**

Rural Energy Meaning and types - Sources of rural energy, Rural electrificationProblems, Remedies and Programmes - Non-Renewable Energy.

Text books:
1. Dutt and Sundaram- Indian Economy,.
2. Mishra S.K. and Puri V.K. - Economics of Development and Planning, Himalaya Publishing House, Mumbai, 2012.

Reference books:

1. Ruddar Dutt and K.P.M. Sundaram - "Indian Economy", S.Chand & Co., 2015. 3. G.M.Meier - "Leading Issues in Economic Development", Oxford University Press, New York, 3/e.
2. Omkarnath - Economics - A Primer for India - Orient Blackswan, 2012.

Web Links:
1. https://www.ilo.org/asia/WCMS_099466/lang--en/index.htm#:~:text=Infrastructure%20assets%20such%20as%20rural,social%20and%20economic%20productive%20life.
2. https://journals.sagepub.com/doi/abs/10.1177/0973801017703499?journalCode=mara

CO-PO Mapping:
(**1: Slight [Low];**   **2: Moderate[Medium];**   **3: Substantial[High],**   **'-' : No Correlation)**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	1	3	3	1	3	3	3			
CO2	3	3	3	2	2	2	2	3	3	3			
CO3	3	3	3	2	3	3	2	3	3	3			
CO4	3	3	3	1	3	2	1	3	3	3			
CO5	3	3	3	3	3	3	1	3	3	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
III B.A RURAL DEVELOPMENT
Paper – VII (B): RURAL INFRASTRUCTURE AND DEVELOPMENT
V SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs.   **Max. Marks: 50**

SECTION – A

Answer the following questions   **(3 X 10 = 30)**

1. A)What is Rural infrastructure? Explain its components.

(OR)

   B) Whar is Rural infrastructure policy? Explain the role of Rural Infrastructure Development Fund.

2. A) What is rural transportation? Explain types and structure of rural transportation.

(OR)

   B) Explain various schemes for rural transportation development in India.

3. A)What is social infrastructure? Explain its components.

(OR)

   B) What are the problems and Remedies of Rural Electrification.

Section-B

Answer <u>Four</u> of the following questions   **(4X5 = 20 Marks)**

4. Rural Infrastructure Development Fund.

5. Road transport.

6.Water transport.

7. Importance of Rural Infrastructure.

8. Rural communication.

9. Sources of IC Technology.

10. Rural energy sources.

11.Rural Electrification

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM
B.A RURAL DEVELOPMENT Paper-VII (B) (Core Paper)
RURAL INFRASTRUCTURE AND DEVELOPMENT
FIFTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

B.Sc ECONOMETRICS SYLLABUS THREE YEARS

DEPARTMENT OF ECONOMICS

B.Sc ECONOMETRICS

SEMESTER	PAPER	SUBJECT	HRS	CREDITS	CIA	SEE	TOTAL
I YEAR B.Sc ECONOMETRICS							
I	I	Micro Economics(EMT 101)	**6**	**4**	**50**	**50**	**100**
II	II	Macro Economics(EMT 102)	**6**	**4**	**50**	**50**	**100**
II YEAR B.Sc ECONOMETRICS							
III	III	Quantitative techniques(EMT 103)	6	4	50	50	100
IV	IV	Mathematical Economics(EMT 104)	6	4	50	50	100
IV	V	Econometrics(EMT 105)	6	4	50	50	100
III YEAR B.Sc ECONOMETRICS (To choose one pair from the three (A,B & C)							
V	VI (A)	Econometrics-II (EMT 115)	5	4	50	50	100
V	VII (A)	Advanced Optimization Methods (EMT 116)	5	4	50	50	100
(OR)							
V	VI (B)	Computers and its applications (EMT 117)	5	4	50	50	100
V	VII (B)	Econometric Tools in Business (EMT 118)	5	4	50	50	100
(OR)							
V	VI (C)	Advanced Econometrics(EMT 119)	5	4	50	50	100
V	VII (C)	Applied Econometrics (EMT 120)	5	4	50	50	100

![logo]	**Government College (Autonomous) Rajahmundry**	**Program & Semester**		
Course Code **EMT 101**	TITLE OF THE COURSE **MICRO ECONOMICS**	I B.Sc (MSEM) (I Sem)		
Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	4

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Course Objectives

</div>

1. Demonstrate an understanding, usage and application of basic economic principles.

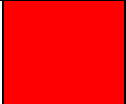2. Describe and apply the methods for analyzing consumer behavior through demand and supply, elasticity and marginal utility. Understand the role of alternative property rights in resource allocation.

<div style="background:blue">

Course Outcomes

</div>

CO1	Understand that Economics is about the allocation of scarce resources, that scarcity forces choice, trade-offs exist and that every choice has an opportunity cost.
CO2	Producers equilibrium with the help of isoquants, expansion path and elasticity of substitution
CO3	The course intends to familiarize the students with the basic concepts in money market and capital market
CO4	To enable students to know the Different types of markets and features
CO5	Demonstrate marginal productivity theory of distribution, theory of wages, identify different types of rent and illustrate different types of interest and profit

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Course with focus on employability / entrepreneurship / Skill Development modules

</div>

Skill Development	🟥	Employability	🟨	Entrepreneurship	🟩

UNIT 1: (12 Hours)

Nature and scope of economics; Methodology in economics; Choice as an economic problem; basic postulates; Role of price mechanism; Demand and supply; Basic framework — applications; Market equilibrium.

UNIT 2: (12 Hours)

Utility — Cardinal and ordinal approaches; Indifference curve; Consumer's equilibrium (Hicks and Slutsky); Giffin goods; Compensated demand; Elasticity of demand — Price, income and cross; Consumer's surplus; Engel curve.

UNIT 3: (12 Hours)

Production decisions; Production function; Iso-quant; Factor substitution; law of variable proportions; returns to scale; economies of scale; Different concepts of cost and their interrelation; Equilibrium of the firm; Expansion path; Empirical evidence on costs.

UNIT 4: (12 Hours)

Market forms — Perfect and imperfect markets; Equilibrium of a firm — Perfect competition, monopoly and price discrimination; Measure of monopoly power; Monopolistic competition; Duopoly, Oligopoly; Taxation and equilibrium of a firm; Notion of controlled and administered prices.

UNIT 5: (12 Hours)

Marginal productivity theory of distribution; Theories of wage determination; Wages and collective bargaining; Wage differentials; Rent — Scarcity rent; Differential rent; Quasi rent; Interest — Classical and Keynesian theories; Profits — Innovation, risk and uncertainty theories. Concept of a social welfare function; Compensation principle — Kaldor, Hicks.

Text books:
1. Koutsoyiannis, A. (1990), Modern Microeconomics, Macmillan.
2. Henderson J. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.

Reference books:
1. Bach, G.L. (1977), Economics, Prentice Hall of India, New Delhi.
2. Gauld, J.P. and Edward P. L. (1996), Microeconomic Theory, Richard. Irwin, Homewood.
3. Heathfield and Wibe (1987), An Introduction to Cost and Production Functions, Macmillan, London

<u>Web Links</u>
1. https://www.economicsnetwork.ac.uk/teaching/Online%20Text%20and%20Notes/Principles%20of%20Microeconomics
2. https://ocw.mit.edu/courses/economics/14-01sc-principles-of-microeconomics-fall-2011/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	2	3	2	3	2	3			
CO2	3	2	3	2	3	3	2	3	2	3			
CO3	3	2	3	2	3	2	3	2	3	2			
CO4	3	1	3	3	3	2	3	2	3	2			
CO5	3	3	3	2	3	2	3	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.

I B.SC ECONOMETRICS
SEMESTER –I
MICRO ECONOMICS

TIME: 2 ½ HRS   **MAX MARKS :50**

I. Answer the following the questions   **3x10=30**

1.(a) Define economics and explain the nature and scope economics.

(or)

  (b) Explain the consumer equilibrium with the help of indifference curves

2.(a) What is elasticity of demand? Explain different types of elasticity of demand.

(or)

  (b) Explain the law of variable proportions.

3. (a) How is price determined under perfect competitions.

(or)

  (b) Explain the Marginal productivity theory of distribution.

II   Answer any Four of the following   **4x5=20**

4. Inductive and deductive methods
5. Micro Economics and macro economics
6. Types of Economics of scale.
7. Price determined
8. Engel curve
9. Characteristics features of duopoly
10. Differential rent
11. Innovation theory of profit

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM.

I SEMESTER – ECONOMETRICS (CBCS PATTERN)
Paper-I(Core Paper)
MICRO ECONOMICS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5) marks	Total Questions
Module-I	2	2	4
Module-II	1	1	2
Module-III	1	2	3
Module-IV	1	1	2
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
		I B.Sc (MSEM) (II Sem)

Course Code EMT 102	TITLE OF THE COURSE **MACRO ECONOMICS**	I B.Sc (MSEM) (II Sem)

Teaching	Hours Allocated: 40 (**Theory**)	L	T	P	C
Pre-requisites:		5	1	0	4

Course Objectives

1. Demonstrate an understanding, usage and application of basic economic principles.

2. Describe and apply the methods for analyzing consumer behavior through demand and supply, elasticity and marginal utility. Understand the role of alternative property rights in resource allocation.

Course Outcomes

CO1	Define and explain the process of calculating national income, identify its components, demonstrate circular flow of income, analyses the various identities with government and international trade
CO2	Explain the meaning of consumption function, relationship between APC and MPC, consumption and income, concept of multiplier and accelerator, MEC and rate of interest.
CO3	Understand the classical and Neo-classical theories
CO4	Analyses different phases of trade cycles, demonstrate various phases of trade cycles, understand the impact of cyclical fluctuations on the growth of business, and lay policies to control trade cycles.
CO5	Explain economic growth and development, determinants of economic development and measurement of economic development

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Unit 1: (12 Hours)

Concept and measurement of national income; National income identities with government and international trade; incorporation of environmental concerns in national accounts — green accounting.

Unit 2: (14 Hours)

Say's law of markets and the classical theory of employment; Keynes' objection to the classical theory; Aggregate demand and aggregate supply functions; The principle of effective demand; Consumption function — Average and marginal propensity to consume; Factors influencing consumption spending; The investment multiplier and its effectiveness in LDCs; Theory of investment — Autonomous and induced investment; Marginal efficiency of capital; Savings and investment — ex post and ex ante, Equality and equilibrium.

Unit 3: (10 Hours)

Classical, Neo-classical and Keynesian theories of interest.

Unit 4: (12Hours)

Nature and characteristics; Hawtrey's monetary theory; Hayek's over-investment theory; Keynes' view on trade cycle; The concept of accelerator; Samuelson and Hicks multiplier-accelerator interaction model; Control of trade cycles.

Unit 5: (12 Hours)

Sources of growth; Growth models — Harrod and Domar; Instability of equilibrium; Neo-classical growth models — Solow; Economic growth and technical progress.

Text books:
1. Ackley, G. (1976), Macroeconomics: Theory and Policy, Macmillan Publishing Company, New York.
2. Shapiro, E. (1996), Macroeconomic Analysis, Galgotia Publications, New Delhi.

Reference books:
1. Day, A.C.L. (1960), Outline of Monetary Economics, Oxford University Press, Oxford.
2. Gupta, S.B. (1994), Monetary Economics, S. Chand and Co., Delhi.
3. Heijdra, B.J. and F.V. Ploeg (2001), Foundations of Modern Macroeconomics, Oxford University Press, Oxford.

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	2	3	2	3	2	3			
CO2	3	3	3	3	2	3	2	3	2	3			
CO3	3	1	2	3	2	3	2	3	1	2			
CO4	3	2	3	2	3	2	3	2	3	2			
CO5	3	3	3	3	3	2	1	2	3	2			

I B.SC ECONOMETRICS
SEMESTER –II
MACRO ECONOMICS

TIME: 2 ½ HRS   **MAX MARKS :50**

I**. Answer the following questions**   **3x10=30**

1 (a) Explain The macroeconomics variables and scope of macro economics

(Or)

   (b) What are the methods of measurement of national income?

2. (a) Explain the Keynesian theory of employment

(Or)

  (b). What is marginal efficiency of capital? Explain the factors that influence the marginal
        Efficiency of capital.

   3. (a) Explain the nature and characteristics of trade cycles and explain the Phases of trade
cycles.
(Or)
    (b) Explain Harrod and Domar theories of economic growth

II Answer any <u>FOUR</u> of the following questions   **4X5=20**

 4. Components of National income
 5. Say's law of markets
 6. Aggregate demand
 7. Investment function
 8. Concept of accelerator
 9. Multiplier
 10. Solow model
 11. Rowstow stages

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAMAHENDRAVARAM

I B.Sc. Econometrics

Semester-II, Macro Economics Paper-2

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Module	Essay	Short questions
Module-1	2	1
Module-2	1	2
Module-3	1	1
Module-4	1	2
Module-5	1	1
TOTAL	60	40

	Government College (Autonomous) Rajahmundry		**Program & Semester** II B.Sc (MSEM) (III Sem)			
Course Code **EMT 103**	TITLE OF THE COURSE **QUANTITATIVE TECHNIQUES**					
Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**	
Pre-requisites:		5	1	0	4	

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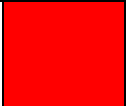
Course Objectives

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1. The use of mathematical symbols to formalize ordinary language statements about economics
2. Apply mathematical and statistical techniques to problem solving. Plan and schedule work in an effective

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Course Outcomes

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CO1	Demonstrate understanding of and ability to explain the economic applications of differentiation, and use it to formulate economic problems, including elasticities, marginal cost, marginal revenue.
CO2	Find constrained optima using the Lagrange multiplier and substitution methods
CO3	Understand and use these techniques to solve problems in economics, such as profit maximization, cost minimization or utility optimization. Calculate and interpret statistical values by using statistical tools(Correlation and Regression.
CO4	Index numbers and time series to describe changes in Economic measures
CO5	Apply descriptive statistics to summarize data and explain basic concepts of probability theory

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Course with focus on employability / entrepreneurship / Skill Development modules

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Skill Development		Employability		Entrepreneurship	

Unit 1: (12 Hours)

Differentiation of a Function; Maxima and Minima, Elasticities; Inter-relationships among total, marginal and average cost and revenues; Constrained optimization problem; Integration of a function, producer's surplus.

Unit 2: (10 Hours)

Various types of matrices, Determinants, Solution of simultaneous equations; Inverse of a matrix, Crammer's rule,

Unit 3: (12 Hours)

Correlation; Simple, Coefficient of correlation — Karl Pearson and Rank Correlation, Partial and Multiple correlation Analysis, Regression analysis — Estimation of regression line in a bivariate distribution— Least squares method, interpretation of regression coefficients.

Unit 4: (14 Hours)
Time series analysis — Concept and components — Determination of regular, trend and seasonal indices; Index numbers — Concept, price relative, quantity relative, value relative; Laspeyer's, Paasche's and Fisher, Family budget method; Problems in the construction and limitations of index numbers, Tests for ideal index number.
Unit 5: (12 Hours)
Probability: Concept, Rules of probability (Addition and Multiplication); Random variables, Mathematical expectations, Theoretical distribution — Binomial, Poisson and Normal: their properties and uses.

Text books:
1. Allen, R.G.D. (1974), Mathematical Analysis for Economists, Macmillan Press, London.
2. Black, J. and J.F. Bradley (1973), Essential Mathematics for Economists, John Wiley and Sons.

Reference books:
1. Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.
2. Croxton, F.E., D.J. Cowden and S. Klein (1973), Applied General Statistics, Prentice Hall, New Delhi
3. Gupta, S.C. and V.K. Kapoor (1993), Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi.

Web Links
1. https://www.socialsciences.manchester.ac.uk/study/masters/intro-to-qm/
2. https://www.economicsnetwork.ac.uk/teaching/Online%20Text%20and%20Notes/Advanced%20Econometrics%20and%20Quantitative%20Techniques

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	3	3	3	3	2	3			
CO2	3	2	3	3	2	3	2	3	2	3			
CO3	3	3	2	3	2	3	2	3	2	3			
CO4	3	2	3	2	3	2	3	2	3	2			
CO5	3	2	3	2	3	2	3	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY
THIRD SEMESTER END EXAMINATIONS

II B.SC. – ECONOMETRICS

PAPER - III

QUANTITATIVE TECHNIQUES

Time: 2 ½ Hrs.   **Max. Marks: 50**

<u>SECTION – A</u>

Answer the following questions   **(3X10= 30M)**

1. a) Explain equilibrium of a firm under perfect competition

(OR)

b) In a steel Plant the total revenue function **R** and Total cost function **C** are given by

R = 40Q -5Q^2 and cost C = 2Q^3 +18Q^2 +2Q+60. Then find (i) The output level at which profit

Is Maximum (ii) Maximum Profit

2. a) Define matrix and explain the different types of properties

(OR)

b) Solve the system of equations using Cramer's Rule

$3x+2y-z=4$

$-x-y+3z=6$

$5x-3y+z=2$

3. a) Solve the linear programming problem by using graphical method

Maximize $Z=2x_1+x_2$

Subject to $x_1+x_2 \leq 6$

$x_1-x_2 \leq 2$

$x_1-2x_2 \leq 1$

$x_1, x_2 \geq 0$

(OR)

b) Obtain the two lines of regression from the following data and estimate the blood pressure when age is 50 years

Age(in Years):56   42   72   39   63   47   52   49   40   42   68   60

B.P   : 127 112 140 118 129   116   130   125 115   120   135
133

Section-B

Answer any Four(4) of following questions   **(4X5= 20 M)**

4. Time Reversal and Factor Reversal Test

5. Consumer Surplus

6. Components of Time Series Analysis

7. Properties of Binomial Distribution

8. Properties of Determinants

9. If Marginal Cost of a firm is given by $MC=3Q^2-4Q+5$ find total cost when fixed cost is Rs.100

10. If $X^3+Y^3=3aXY$ then find dy/dx

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

III SEMESTER – ECONOMETRICS (CBCS PATTERN)
Paper-III (Core Paper)

Time: 2 ½ Hrs   Max. Marks: 50 MARKS

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Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester
Course Code EMT 104	TITLE OF THE COURSE **MATHEMATICAL ECONOMICS**		II B.Sc (MSEM) (IV Sem)

Teaching	Hours Allocated: 40 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	0	4

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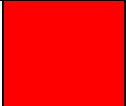
Course Objectives
</div>

1. Build models by expressing words in symbols, numbers and equations. Know new techniques to solve complex problems
2. Measure the effect of change and discover techniques to improve your decision-making process.
3. Learnt economic dynamics and solve problems through adjustment with time

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Course Outcomes
</div>

CO1	Understand the Quantitative methods of Economics
CO2	Graphical Explanation of Consumer Theory concepts
CO3	Mathematical Explanation of Production Functions
CO4	Explain Equilibrium in different Market Structures and analyse input output analysis and Linear programming
CO5	Understand the Input – output analysis and linear programming problem Graphical solutions.

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Course with focus on employability / entrepreneurship / Skill Development modules
</div>

Skill Development		Employability		Entrepreneurship	

Unit 1 : (12 Hours)

Variable, constants and parameters; Simple functional relationship and their graphs; Elementary ideas of differential and integral calculus; Quadratic equations; Difference and differential equations.

Unit 2 : (10 Hours)

Utility function; budget line; Constrained optimization; Consumer's equilibrium; Income effect; substitution effect and price effect; Slutsky equation; Derivation of demand curve; Elasticity of demand; Consumer's surplus.

Unit 3 : (12 Hours)

Properties of production function — Homogeneous and non-homogeneous; Cobb-Douglas, Returns to scale; Choice of optimal combination of factors of production; Cost and revenue functions; Derivation of cost curves; Relation between total, average and marginal cost and revenue; Producer's surplus; Production possibility curve.

Unit 4 :(12 Hours)

Concept of equilibrium; Equilibrium of the firm under perfect competition, monopoly, price discrimination, monopolistic competition; Economies of scale; Market equilibrium; Economic interpretation of time lag in function; Cobweb model.

Unit 5 : (14 Hours)

Input-output analysis; The simple closed and open model; Linkages, concepts and measurement; Dynamic input-output model; Linear programming — Basic concepts, primal and dual; Basic theorem of linear programming; Graphic and simplex method.

Text books:
1. Chiang, A.C. (1986), Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.
2. Henderson, J. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.

Reference books:
1. Colell, A. Mas et. al. (1991), Microeconomic Theory, Harvard University Press, Cambridge, Mass.
2. Mukherji, B. and V. Pandit (1982), Mathematical Method of Economic Analysis, Allied Publishers, New Delhi.
3. Handy, S.T. (1997), Operations Research, Prentice-Hall of India, New Delhi.

Web Links
1. https://www.mdpi.com/books/pdfdownload/book/2350
2. http://www.parisschoolofeconomics.com/reshef-ariell/Econ509/Lectures509.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	2	3	3			
CO2	3	2	3	2	3	2	3	2	3	3			
CO3	3	3	3	3	2	3	2	3	2	3			
CO4	3	3	3	3	2	3	2	3	1	2			
CO5	2	3	2	3	2	3	2	2	1	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

FOURTH SEMESTER END EXAMINATIONS
II B.SC. – ECONOMETRICS
PAPER - IV
MATHEMATICAL ECONOMICS

Time: 2 ½ Hrs   **Max. Marks: 50**

<u>Section-A</u>

Answer the following questions   **(3X10= 30M)**

1. a) Define matrix and explain the different types of properties

(or)

 b) By producing and selling **Q** units of some commodity a firm earns total revenue $R(Q)= -0.0016Q^2+44Q$ and incurs cost $C(Q)= 0.0004Q^2 +8Q+64000$. Find production level Q Maximizes profits.

2. a) Explain the consumer equilibrium with the help of indifference curves

(or)

 b) There are 10,000 identical individuals in the market for commodity X, each with a demand function given by $Qd_X= 12-2P_X$ and 1,000 identical producers of commodity X, each with a function given by $Qs_X=20P_X$. Find 1) The market demand function and market supply function. 2) The market demand schedule and market supply schedule. 3) obtain equilibrium price and equilibrium quantity mathematically.

3. a) From the given Cobb-Douglas production function $X=b_0 L^{b1} K^{b2}$ derive i) Marginal product of Factors ii) The marginal rate substitution iii) The elasticity of substitution iv) The efficiency of production and v) The returns to scale

(or)

 b) Explain the equilibrium of the firm under perfect competition.

Section-B

Answer any Four(4) of following questions   **(4X5= 20 M)**

4. Find the production level that maximizes profit R(Q)=1840Q and C(Q)= $2Q^2$+4Q+5000

5. Consumer Surplus

6. Returns to scale

7. Price discrimination under monopoly

8. Cobweb model

9. Primal and Dual

10. Cross Elasticity of Demand

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

IV SEMESTER – ECONOMETRICS (CBCS PATTERN)
Paper-IV (Core Paper)
MATHEMATICAL ECONOMICS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester		
Course Code EMT 105	TITLE OF THE COURSE **ECONOMETRICS-I**	II B.Sc (MSEM) (IV Sem)			
Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		4	1	0	4

Course Objectives

1. Distinguish the results of violating the assumptions of classical regression model
2. Explain the problems that arise when the assumptions are not valid
3. Use appropriate tests to detect heteroscedasticity

Course Outcomes

CO1	Construct test and analyse Econometric models using variables and relationships commonly found in studies of Econometric theory
CO2	Collect organize and analyse Economic data and interpret result from statistically analyses
CO3	Identified the desirable properties of estimators
CO4	Identified key classical assumptions in the field of Econometrics. Express consequences of using OLS in the presence of autocorrelation
CO5	Apply remedial measures to correct autocorrelation

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Unit – 1 Statistical Methods for Econometrics: (12 Hours)

Statistical vs. deterministic relationships; Correlation and regression; Theoretical frequency distribution and application of Binomial, Poisson and Normal; Testing of hypothesis; Type-I and Type-II errors; Standard errors, Tests based on Z, t and χ^2 (Chi-square) statistics.

Unit – II Two Variable Regression Model: (12 Hours)

Concept of Regression – Causation – Correlation; Nature, meaning and scope of econometrics; Specification of an econometric model-Reasons for inclusion of Stochastic term – Assumptions; Two Variable Linear Regression Model - OLS Method of estimation - Principle of Least Squares – Properties of estimators (BLUE) - Gauss-Markov theorem; Significance tests of parameter estimates – ANOVA Concept and application - Goodness of fit.

Unit – III Multiple Regression Analysis: (12 Hours)

Three Variable Linear Regression Model – Estimation and Tests of significance; Concept and derivation of coefficient of multiple determination and adjusted coefficient of multiple determination; ANOVA application; Test of overall significance of the regression – F test; Partial correlation coefficients and multiple correlation coefficient. General linear regression model – Matrix Approach.

Unit – IV Non-linear Regression and Violation of Assumptions of OLS Model :(12 Hours)

Estimation of non-linear equations — parabolic, exponential, geometric, hyperbolic, modified exponential; Gomertz and logistic functions; Meaning of Homoscedasticity and Heteroskedasticity - detection of Heteroskedasticity – consequences of Heteroskedasticity – Solution to the problem.

Unit – V Violation of Assumptions of the Model :(12 Hours)

Meaning of Autocorrelation and Multicollinearity - detection of Autocorrelation – consequences of Heteroskedasticity – Solution to the problem.

Text books:
1. Gujarati, D.N. (1995), Basic Econometrics (2nd Edition), McGraw Hill, New Delhi.
2. Maddala, G.S. (Ed.) (1993), Econometrics Methods and Application (2 Vols.), Aldershot U.K.

Reference books:
1. Amemiya, T. (1985), Advanced Econometrics, Harvard University Press, Cambridge, Mass.
2. Baltagi, B.H. (1998), Econometrics, Springer, New York.
3. Goldberger, A.S. (1998), Introductory Econometrics, Harvard University Press, Cambridge, Mass.

Web Links
1. http://www.studyingeconomics.ac.uk/module-options/econometrics/
2. https://cran.r-project.org/doc/contrib/Farnsworth-EconometricsInR.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	3			
CO2	3	3	3	3	2	3	3	2	3	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	1	2	3	3	2	3	1	2	3	3			
CO5	3	2	3	2	3	2	3	2	3	2			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY.

FOURTH SEMESTER END EXAMINATIONS
II B.SC. – ECONOMETRICS
PAPER - V
ECONOMETRICS-I

Time: 2 ½ Hrs   **Max. Marks: 50**

<u>Section-A</u>

Answer the following questions   **(3X10= 30M)**

1. a) Explain the nature and scope of Econometrics

(or)

  b) Explain the Gauss-Markov theorem

2. a) What is the nature and reasons for multicollinearity

(or)

  b) Explain the linear probability model (LPM)

3. a) . Explain the Almon approach to distributed lag model

(or)

  b) What are the different approaches to econometric forecasting

<u>Section-B</u>

Answer any Four(4) of following questions   **(4X5= 20 M)**

4. Properties of estimators

5. Autocorrelation

6. Dummy variables techniques

7. Structural stability

8. Heteroscedasticity

9. Random walk model

10. Reasons for lags

11. Unit roots

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY
Paper-V (Core Paper)
Econometrics-I
FOURTH SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		**Program & Semester**
			III B.Sc (MSEM) (VSem)
Course Code EMT -115	TITLE OF THE COURSE **ECONOMETRICS-II**		

Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		4	1	0	4

Course Objectives

1. Distinguish the results of violating the assumptions of classical regression model
2. Explain the problems that arise when the assumptions are not valid
3. Use appropriate tests to detect heteroscedasticity

Course Outcomes

CO1	Explain model specification errors, Recognize types and results of model specification errors
CO2	Apply tests of specification errors, Express the role of lags in economics
CO3	Identified the desirable properties of estimators
CO4	Use distributed lag models, Define basic concepts in time series econometrics
CO5	Explain proxy variables and time series

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Unit 1: (12 Hours) Autoregressive and Distributed lag models

Distinction between Autoregressive and Distributed lag models— Role of lags in Economic analysis – Reasons for lags; Estimation of Distributed lag model – Koyck model, Adaptive Expectation and Partial adjustment models, Estimation of Auto regressive Model – Almon approach to distributed-lag models;Error correlation mechanism, Causality test.

Unit 2: (12 Hours) Regression on Dummy Variables

Need for Dummy variables; Regression on one qualitative with two categories; Regression on one quantitative variable and one qualitative variable with two categories; Regression on one quantitative variable and one qualitative variable with more than two categories; Regression on one quantitative variable and two qualitative variables; Testing structural stability of regression models comparing two regressions; Regression with dummy dependent variables - The Linear Probability Model and Linear Discriminant Function, The Probit and Logit models.

Unit 3:(12 Hours) Simultaneous Equations Models

Nature of Simultaneous Equations Models - Simultaneous Equation bias – Inconsistency of OLS estimators; The Identification problem – Under indemnification – exact identification and over identification; Rules for Identification – Order and Rank conditions; Estimation of Simultaneous Equation models – Recursive models and OLS; Methods of ILS and 2SLS.

Unit 4: (12 Hours) Errors in Variables

The concept of Errors in variables – The classical solution for a single equation model with one explanatory variable; The single equation model with two explanatory variable – one measured with error and both measured with error; Reverse Regression – Instrumental Variable Method; Proxy Variables.

Unit 5:(12 Hours) Introduction to Time Series: (12 Hours)

Concept of Time series – Stationary and Nonstationary Time Series: Models of Time Series – Purely Random Process; Random Walk; Moving Average (MA) Process;; Estimation of AR, MA and ARMA Models; The Box-Jenkins Autoregressive (AR) Process; Autoregressive Moving Average Process (ARMA); Autoregressive integrated moving Average (ARIMA) Process Approach.

Text books:

1. Greene, W. (1997), Econometric Analysis, Prentice Hall. New York.
2. Grifith, W.F., R.H. Hill and G.G. Judge (1993), Learning and Practicing Econometrics,John Wiley, New York.

Reference books:

1. Gujrati, D. (1995), Basic Econometrics, (3rd Edition), McGraw Hill, New Delhi.
2. Johnston, J. (1985), Econometric Methods, McGraw Hill, New York.
3. Maddala, G.S. (1993), Econometrics — An Introduction, McGraw-Hill, New York.

Web Links

1. http://www.studyingeconomics.ac.uk/module-options/econometrics/
2. https://cran.r-project.org/doc/contrib/Farnsworth-EconometricsInR.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	2	3	3			
CO2	1	3	2	3	2	3	2	3	2	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	3	2	3	2	3	2	3	2	3	2			
CO5	3	2	3	2	3	2	3	2	3	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

FIFTH SEMESTER END EXAMINATIONS
III B.SC. – ECONOMETRICS
PAPER – VI (A)
ECONOMETRICS-II

Time: 2 ½ Hrs   **Max. Marks: 50**

Section-A

Answer the following questions   **3X10= 30M**

1. a)

(or)

  b)

2. a)

(or)

  b)

3. a) .

(or)

  b)

Section-B

Answer any Four(4) of following questions   **(4X5= 20 M)**

4.

5.

6.

7.

8.

9.

10.

11.

Time: 2 ½ Hrs   Max. Marks: 50

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester III B.Sc (MSEM) (V Sem)
Course Code EMT 116	TITLE OF THE COURSE **ADVANCED OPTIMIZATION METHODS**	

Teaching	Hours Allocated: 40 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	0	4
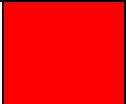
Course Objectives

1. Learn classical optimization techniques and numerical methods of optimization. Know the basics of different evolutionary algorithms.
2. Explain Integer programming techniques and apply different optimization techniques to solve various models arising from engineering areas.

Course Outcomes

CO1	The course on econometrics will primarily focus on the use of statistical modelling and the relevant analyses to economic data problems.
CO2	Describe the variance/covariance matrix for the regression errors under the assumption that the errors are correlated
CO3	This unit covers the basic tools for estimating **models** with such data, known as **limited dependent variables**.
CO4	Demonstrate employability skills and a commitment to professionalism. Operate a variety of advanced spreadsheet, operating system and word processing functions. Solve a range of problems using office productivity applications, and adapt quickly to new software releases.
CO5	Regression is perhaps the most widely used statistical technique. It estimates relationships between independent variables (predictors) and a dependent variable (outcome).

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module 1: Hours: 12

Sequencing Problems: Introduction, sequencing problem, terminology, notation and assumption, problems with n jobs and two machines, optimal sequence algorithm, problems with n jobs and three machines, problems with n jobs and m machines.

Module 2: Hours: 12

Network scheduling by PERT/CPM, basic concepts, activities, notes, network, critical path, constraints and networks, construction of the network, time calculations and networks, critical path calculations, critical path method.

Module 3: Hours: 12

Introduction, two person zero sum games, the maximin minimax principles, games without sadle points, mixed strategies, graphical solution of 2 x N and M x 2 Games. Dominance property, the modified dominance property, reducing game property to LPP.

Module 4: Hours: 12

Queuing theory – Basic characteristics of queuing models – Arrival and service distribution – steady state solution of M/M/1 and M/M/C models with associated distribution of queue length and waiting time

Module 5: Hours:12

Simulation – Introduction, elements of simulation model, event type simulation, generation of random phenomena, Monte Carlo technique, generation of uniform (0, 1) random observations.

Text books:

1. Operations Research, S. Kalavathi, Vikas publishing house Pvt Ltd.
2. Hamdy A. Taha (1987): Operations Research – An Introduction, 4/e, Prentice Hall of India,Private Ltd, New Delhi.

Reference books:

1. Hillier F S and Libermann G J (2002): Introduction to Operations Research, 7th Edition, McGraw Hill
2. Gross D, Shortle J.F. , Thompson J.M. and Harris C.M. (2011): Fundamentals of Queuing Theory, John Wiley & Sons

Web Links

1. https://link.springer.com/book/10.1007/978-3-642-20548-4
2. https://www.iii.org/sites/default/files/docs/pdf/insurance-driver-econ-growth-053018.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	2	3	2	2	3	3			
CO2	1	3	2	3	2	3	2	3	2	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	3	2	3	2	3	2	3	2	3	2			
CO5	3	2	3	2	3	2	3	2	2	2			

Time: 2 ½ hours   **Max Marks: 50**

I . Answer the following questions   **3X10 = 30**

1 a)   Define sequences and explain processing of n Jobs through two machines.

OR

b)   There are seven jobs, Each of which has to go through the machines A & B In the order AB.

Processing time in hours are gives as

Job	1	2	3	4	5	6	7
Machine A: (Hours)	3	12	15	6	10	11	9
Machine B: (Hours)	8	10	10	6	12	1	3

Determine a sequence of these jobs that will minimize total elapsed time t. Also   find T and idle time for machine A and B

2. a)   Explain project and also explain different phases of project management.

OR

b)   A project schedule has the following characteristics

Activity	1-2	1-3	2-4	3-4	3-5	4-9	5-6	5-7	6-8	7-8	8-10	9-10
Time	4	1	1	1	6	5	4	8	1	2	5	7

I)construct the network   Ii)Compute E And L for each event

Iii)Find The Critical Path

3. a)   Define game and explain characteristics of games.

OR

b)   Find the optimum strategies for P and Q and the value of the game.

colour chosen by Q

Colour Chosen By P

	W	B	R
W	0	-2	7
B	2	5	6
R	3	-3	8

II . Answer any <u>FOUR</u> of the following questions   **4X5 = 20**

   4. Shortest Processing Time (SPT) rule.

   5. Explain PERT and CPM

   6. Processing of n jobs through one machine

   7. Operating characteristics of queuing system.

   8. Explain different types of games

   9. Explain pure strategy and mixed strategy

10. System simulation

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS

Semester-V

Advanced Optimization Methods
Paper – VII (A)

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	**Program & Semester** III B.Sc (MSEM) (VSem)			
Course Code EMT 117	TITLE OF THE COURSE **COMPUTER AND ITS APPLICATIONS**				
Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		4	1	0	4

Course Objectives

1. Operate a variety of advanced spreadsheet operating system and word processing functions,
2. Solve a range of problems using office productivity applications and adapat quikly to new software releases.
3. Maintain quality assurance through critically evaluating procedures and results.

Course Outcomes

CO1	Bridge the fundamental concepts of computers with the present level of knowledge of the students.
CO2	Office automation is the use of various technologies (e.g. computer & telecommunication) to **simplify & support routine office functions**, improve communication, increase office productivity & enhance the quality of clerical output.
CO3	**Trend analysis** uses a variety of **statistical** tools, all of which are accessible to business owners. At the most basic level, you can plot **data** points for visual ...
CO4	Demonstrate employability skills and a commitment to professionalism. Operate a variety of advanced spreadsheet, operating system and word processing functions. Solve a range of problems using office productivity applications, and adapt quickly to new software releases.
CO5	PSS is an acronym for "Statistical Package for Social Science" and is a Windows-based program that is used to perform different tasks like, data entry, analysis and further presentation of results through tables and graphs

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module 1: Basics of Computers   hours: 12

Computer fundamentals; Organization and components of a computer; Computer hardware CPU; Memory; Disk drives; Input and output devices; Keyboard; Mouse and VDU; Computer peripherals like printer, scanner, digitizer, etc.; Computer software — Operating system, application software and packages.

Module 2: Use of Computer for Office Automation   hours: 12

Text editors and word processor software packages; Operative familiarization with any one package like MS-word; Concept and use of spread sheet; Operation and use of MS-excel; Basics of Database; Table; Records and fields; Data entry and query processing; Operative principles of MS-access; Document formation and presentation through MS-power point.

Module 3: Data Analysis and Trend Forecasting   hours: 12

Basics of statistical functions and analysis — Mean, median, mode, standard deviation; Distribution function and density function; Statistical package handling and command description for SPSS; Regression and auto-regression; Correlation and auto-correlation; Covariance and Auto covariance.

Module 4: Applications   hours: 12

Text and mail communication using computers; E-mail; Chat; Voice mail; Document transfer and delivery; Internet; World Wide Web (WWW) and use for business and commercial activities like e-business and e-commerce; Electronic stock market and exchanges; B2B and B2C Concepts.

Module V: Introduction to SPSS   hours: 12

Creation of data files, assigning names and labels to variables, sort cases, import/export of files, Computing variable, Data Analysis: Descriptive statistics, Comparing means, Simple Correlation analysis, ANOVA, Simple Regression Analysis, Preparation of graphs and diagrams

Text books:
1. Greene Kerns (1993), Essentials of Microsoft windows, Word and Excell, Prentice Hall of India, New Delhi.
2. Rajaraman, V. (1996), Fundamentals of Computers, Prentice Hall (Ind.) New Delhi.

Reference books:
1. Schied, F. (1983), Theory and Problems of Computers and Programming, Schaum's
2. Outline Series, McGraw Hill, New Delhi.

Web Links
1. https://en.wikipedia.org/wiki/Web_application
2. https://cran.r-project.org/doc/contrib/Farnsworth-EconometricsInR.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	2	3	3			
CO2	1	3	2	3	2	3	2	3	2	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	3	2	3	2	3	2	3	2	3	2			
CO5	3	2	3	2	3	2	3	2	3	3			

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS

Semester-V Paper –VI (B)
Computer and Its Applications

TIME: 2 ½ HRS   **MAX MARKS: 50**

Answer the following the questions   **3x10=30**

1.(a)   (or)
  (b)
2.(a)
                               (or)
  (b)
3. (a)
                               (or)
  (b)

Answer any <u>four</u> of the following   **4x5=20**

4.
5.
6.
7.
8.
9.
10

GOVERNMENT COLLEGE (A) R RAJAHMUNDRY
B.SC ECONOMETRICS

Semester-V Paper –VI(B)
Computer and Its Applications

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester III B.Sc (MSEM) (V Sem)			
Course Code EMT 118	TITLE OF THE COURSE **ECONOMETRIC TOOLS IN BUSINESS**				
Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		4	1	0	4

<table>
<tr><td colspan="2" align="center">Course Objectives</td></tr>
</table>

1. Understand the assumptions upon which different econometric methods are based and their implications.
2. Use statistical software to implement the various techniques taught employing secondary data and demonstrate ability to analyse and assess empirical results.

<table>
<tr><td colspan="2" align="center">Course Outcomes</td></tr>
</table>

CO1	To familiarize the students with the basic concept of microeconomics. To make student understand the demand and supply analysis in business applications
CO2	Learn how the different decision-making units (consumers, firms), with limited resources at their disposal, will chose the best alternative among the available alternatives
CO3	Realize the operation of the markets, the distinction between real world market and the concept of market in economics.
CO4	Apply the principle of Macroeconomics in explaining the behaviour of Macroeconomic variables at national as well as global level.
CO5	Extend the concepts of Macroeconomics in unfolding the dynamics of energy sectors.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module 1: Basic concepts Introduction:
Hours: 12

Stationary Stochastic Process – Non-stationary Stochastic Process; Module root Stochastic Process, Integrated Stochastic Process, tests of Stationarity.

Module 2: Co-integration Integrated Variables:
Hours: 12

Module root tests - Dickey-Fuller tests; Co-integration and error correction mechanism – Engle– Granger, Johansen and Juselius Co-integration tests – ARDL Co-integration Tests.

Module 3: Forecasting Nature and uses of Forecasts:
Hours: 12

Forecasting with a single-equation linear regression model - Forecasting with a multi-equation econometric model - Evaluation of the forecasting power of a model – Conditional and Unconditional Forecasting – Single and Double exponential smoothing – Box-Jenkins Model. - 15

Module 4: Linear Time Series Models Univariate Time Series Models:
Hours: 12

Moving Average Models - Auto Regressive Models - Mixed Auto Regressive Moving Average Models – ARIMA models.

Module 5: Vector Auto-regressions:
Hours: 12

 Estimation and Forecasting with VAR, VAR and Causality, Some problems with VAR Modeling,

ext books:

1. Gujarathi, D.N, Basic Econometrics, Fourth Edition, Tata McGraw Hill, New Delhi, 2004.

2. Koutsoyiannis, A, Theory of Econometrics, the Macmillan Press Ltd., Hong Kong, Second

Reference books:

1. Deaton A. and John Muellbauer, Economics and Consumer Behaviour –Cambridge University Press, 1987
2. Hamilton, J.D, Time Series Analysis, Princeton, N.J., Princeton University Press, 1994

Web Links
1. https://onlinelibrary.wiley.com/journal/10991255
2. https://www.mdpi.com/books/pdfdownload/book/1291

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	2	3	2	2	3	3			
CO2	1	3	2	3	2	3	2	3	2	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	2	3	3	3	3	2	3	3	3	3			
CO5	3	2	3	2	3	2	3	2	3	2			

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS
Semester-V
Econometric Tools in Business -Paper – VII (B)

TIME: 2 ½ HRS   **MAX MARKS:50**

I.Answer the following the questions   **3x10=30**

1.(a)   (or)

   (b)

2.(a)

                                       (or)

   (b)

3. (a)

                                       (or)

   (b)

II   Answer any <u>FOUR</u> of the following   **4x5=20**

4.

5.

6.

7.

8.

9.

10.

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS
Semester-V
Econometric Tools in Business -Paper – VII (B)

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		Program & Semester
			III B.Sc (MSEM) (V Sem)
Course Code EMT 119	TITLE OF THE COURSE **ADVANCED ECONOMETRICS**		

Teaching	Hours Allocated: 40 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	0	4

Course Objectives

1. This course will present an advanced treatment of econometric principles for cross-sectional, panel and time - series data sets.
2. While concentrating on linear models, some non-linear cases will also be discussed, notably limited dependent variable models and generalised methods of moments.

Course Outcomes

CO1	The course on econometrics will primarily focus on the use of statistical modelling and the relevant analyses to economic data problems.
CO2	Describe the variance/covariance matrix for the regression errors under the assumption that the errors are correlated
CO3	This unit covers the basic tools for estimating **models** with such data, known as **limited dependent variables**.
CO4	Demonstrate employability skills and a commitment to professionalism. Operate a variety of advanced spreadsheet, operating system and word processing functions. Solve a range of problems using office productivity applications, and adapt quickly to new software releases.
CO5	Regression is perhaps the most widely used statistical technique. It estimates relationships between independent variables (predictors) and a dependent variable (outcome).

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module 1: Multicollinearity and Heteroscadasticity Hours: 12

Multicollinearity: Source and Consequences, Tests for Multicollinearity and solutions for Multicollinearity. Heteroscadasticity: Sources and Consequences, Tests for Heteroscadasticity, Generalized Least Squares Method of Estimation.

Module 2: Autocorrelation Hours: 12

Sources of Autocorrelation - first order Autoregressive scheme - Consequences of Autocorrelation - Tests for Autocorrelation – Durbin-Watson test - Methods of estimation of Autocorrelation coefficient -Estimation from d- statistic and Cochran-Orcutt iterative method.

Module 3: Qualitative and Limited Dependent Variables Models   Hours: 12

Binary Choice Models: Linear Probability Model, Probit Model and Logit Models – Censored and Truncated regression models.

Module 4: Simultaneous Equation Models: Estimation Methods Hours12

Two stage Least Squares, Limited Information Maximum Likelihood, K-class Estimators,
Three Stage Least Squares and Full Information Maximum Likelihood Methods – Numerical Problems.

Module 5: Panel Data Regression Models and Time Series Econometrics Hours: 12

Panel Data – Estimation of Panel Data Regression Models - Fixed and Random Effects – Estimation – Introduction to Time Series Econometrics - Stationary and Non-Stationary Stochastic Process – Integrated Stochastic Process – Module roots – Co-integration – Test for co- integration, Co-integration and error correction mechanism.

Text books:
1. Maddala, G.S: Econometrics, McGraw-Hill Book Co., New York, 3rd Rd.
2. Gujarathi, D.N: Basic Econometrics, Fourth Edition, New Delhi.

Reference books:
1. Maddala, G.S: Limited-Dependent and Qualitative Variables in Econometrics, Cambridge University Press.
2. Hedad, G. L. AND Horn I. I. (1991), Essentials of Risk Management, Vol. I Insurance Institute of America.

Web Links
1. https://link.springer.com/book/10.1007/978-3-642-20548-4
2. https://www.iii.org/sites/default/files/docs/pdf/insurance-driver-econ-growth-053018.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	2	3	2	2	3	3			
CO2	1	3	2	3	2	3	2	3	2	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	3	2	3	2	3	2	3	2	3	2			
CO5	3	2	3	2	3	2	3	2	2	2			

GOVERNMNENT COLLEGE (A) RAJAHMUNDRY
B.Sc ECONOMETRICS
SEMESTER-V
PAPER –VI (C) ADVANCED ECONOMETRICS

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Time: 2 ½ hours   **Max Marks: 50**

I . Answer the following questions   **3X10 = 30**

1. a)

                          OR

   b)

2. a)

                              OR

   b)

3. a)

                          OR

    b)

II . Answer any <u>four</u> of the following questions   **4X5 = 20**

   4.

   5.

   6.

   7.

   8.

   9.

10.

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS

Semester-V

Advanced Econometrics -Paper – VI (C)

Time: 2 ½ Hrs **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
		III B.Sc (MSEM) (V Sem)

Course Code EMT 120	TITLE OF THE COURSE **APPLIED ECONOMETRICS**				
Teaching	Hours Allocated: 40 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		4	1	0	4

Course Objectives

1. The course provides necessary skills and techniques that will be used in further study of econometrics and economics more generally.
2. The primary objective of the course is to provide a solid theoretical and practical foundation for the interpretation of empirical evidence in economics.

Course Outcomes

CO1	To familiarize the students with the basic concept of microeconomics. To make student understand the demand and supply analysis in business applications
CO2	Learn how the different decision-making units (consumers, firms), with limited resources at their disposal, will chose the best alternative among the available alternatives
CO3	Realize the operation of the markets, the distinction between real world market and the concept of market in economics.
CO4	Apply the principle of Macroeconomics in explaining the behaviour of Macroeconomic variables at national as well as global level.
CO5	Extend the concepts of Macroeconomics in unfolding the dynamics of energy sectors.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module 1: Demand Analysis   Hours: 12

Demand functions – Restrictions to be satisfied by Demand functions - Single Equation models, Engel Functions and Curves, Specification of Functional forms and Estimation – Linear Expenditure System - Review of Empirical Studies.

Module 2: Consumption Function   Hours: 12

Theories of Consumption Function – Alternative specifications – Absolute Income Hypothesis, Relative Income Hypothesis, Life Cycle Hypothesis, Permanent Income Hypothesis – Problems of Estimating the Consumption Function – Review of some empirical studies.

Module 3: Production Functions   Hours: 12

Single Equation Estimation of production functions - Cobb-Douglas, CES, Trans-log – Specifications and Estimation issues – Review of Empirical studies – Functional forms and Estimation of Cost Functions - Estimation of Factor demand Equations - Empirical Studies.

Module 4: Macro Econometric ModelS   Hours: 12

Nature of Simultaneous Macro Econometric Models – Klein-Goldberger Model for USA - Brookings Model – Macro Econometric models for India – Agarwal, K. Krishna Murthy and
N.V. A. Narasimhan Models.

Module 5: Other Applications of Single and Simultaneous Equation Models Hours: 12

Models of Money Demand and Supply – Estimation of Demand for Money Function – Application in Industrial Organization, Labour Economics and Health Systems – Review of Empirical Studies.

Text books:

1. Intriligator, M. D. (1978) Econometric Models, Techniques and Applications, North-Holland.
2. ICSSR Survey of Economics – Vol.7 (Econometrics) Allied Publishers

Reference books:

1. Deaton A. and John Muellbauer, Economics and Consumer Behaviour –Cambridge University Press, 1987
2. Meghnad J.Desai 1973 – Macro-economic models for India: A Survey – Sankhya series-B 85

Web Links

1. https://onlinelibrary.wiley.com/journal/10991255
2. https://www.mdpi.com/books/pdfdownload/book/1291

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	2	3	2	3	2	2	3	3			
CO2	1	3	2	3	2	3	2	3	2	3			
CO3	3	3	3	3	3	3	3	3	2	3			
CO4	2	3	3	3	3	2	3	3	3	3			
CO5	3	2	3	2	3	2	3	2	3	2			

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS
Semester-V
Applied Econometrics Paper – VII (C)

TIME: 2 ½ HRS   **MAX MARKS:50**

I. Answer the following the questions   **3x10=30**

1.(a)   (or)

   (b)

2.(a)

                                         (or)

   (b)

3. (a)

                                         (or)

   (b)

II . Answer any <u>FOUR</u> of the following   **4x5=20**

4.

5.

6.

7.

8.

9.

10.

GOVERNMENT COLLEGE (A) RAJAHMUNDRY
B.SC ECONOMETRICS
Semester-V
Applied Econometrics Paper – VII (C)

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Module	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Module-I	1	1	2
Module-II	2	1	3
Module-III	1	2	3
Module-IV	1	2	3
Module-V	1	2	3
Total Marks	60	40	100

B.A. (Honours) Economics

GOVERNMENT COLLEGE (AUTONOMOUS) RAJAMAHENDRAVARAM

For the Year 2022-2023

Syllabus for B.A. (Honors.) Economics

Course Structure for B.A. (Hons.) Economics:

There are a total of fourteen economics core courses that students are required to take across six semesters. All the core courses are compulsory. In addition to core courses in economics, a student of B.A. (Hons.) Economics will choose four Discipline Specific Elective (DSE) Courses. The Discipline Specific Elective (DSE) Courses are offered in the fifth and sixth semesters and two such courses will be selected by a student from a set of courses specified for each of these semesters (Groups I and II in the attached table). It is recommended that each college should offer at least three Discipline Specific Elective (DSE) Courses in the fifth and sixth semesters to allow the students some minimal element of choice.

The syllabi for the Discipline Specific Elective (DSE) Courses are provisional and subject to revision.

Contact Hours: Each course has 5 lectures and 1 tutorial (per group) per week. The size of a tutorial group is 8-10 students.

Note on Course Readings: The nature of several of the courses is such that only selected readings can be specified in advance. Reading lists should be updated and topic-wise readings should be specified at regular intervals, ideally on an annual basis.

Eligibility for admission to B.A. (Hons) Economics: Given the quantitative requirements of the program, only students who have passed **Mathematics** at the **Class-XII level are eligible for admission.**

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B.A. (H) Economics Three Year Course of Study (2022-2025)

	Semester-I		Credits			
S.No	Course	Course Name	Theory	Practical	Tutorial	Total
1	Core Course-I	Introductory Microeconomics (EHON-101)	5	0	1	6
2	Core Course-II	Mathematical Methods in Economics-I (EHON- 102)	5	0	1	6
3	AECC-I	English	4	0	0	4
4	GE-I	General Elective-I	5	0	1	6
	Semester-II		Credits			
S.No	Course	Course Name	Theory	Practical	Tutorial	Total
5	Core Course-III	Introductory Macroeconomics (EHON-103)	5	0	1	6
6	Core Course-IV	Mathematical Methods in Economics – II (EHON- 104)	5	0	1	6
7	AECC -II	Environmental Studies (EHON- 105)	4	0	0	4
8	GE-II	General Elective-II	5	0	1	6
	Semester-III		Credits			
S.No	Course	Course Name	Theory	Practical	Tutorial	Total
9	Core Course-V	IntermediateMicroeconomics-I (EHON-106)	5	0	1	6
10	Core Course-VI	Intermediate Macroeconomics –I (EHON- 107)	5	0	1	6
11	Core Course-VII	Statistical Methods for Economics (EHON- 108)	5	0	1	6
12	SEC -I	Financial Economics (EHON- 109)	4	0	0	4
13	GE-III	General Elective-III	5	0	1	6
	Semester-IV		Credits			
S.No	Course	Course Name	Theory	Practical	Tutorial	Total
14	Core Course-VIII	IntermediateMicroeconomics-II (EHON- 110)	5	0	1	6
15	Core Course-IX	IntermediateMacroeconomics-II (EHON- 111)	5	0	1	6
16	Core Course-X	Introductory Econometrics (EHON- 112)	5	0	1	6
17	SEC -II	Contemporary Economic Issues (EHON- 113)	4	0	0	4
18	GE-IV	General Elective-IV	5	0	1	6
	Semester-V		Credits			
S.No	Course	Course Name	Theory	Practical	Tutorial	Total
19	Core Course-XI	Indian Economy-I (EHON- 114)	5	0	1	6
20	Core Course-XII	Development Economics-I (EHON- 115)	5	0	1	6
21	DSE-I	Public Economics (EHON- 116)	5	0	1	6
22	DSE-II	Economic History of India (1857-1947) (EHON- 117)	5	0	1	6

		Semester-VI	Credits			
S.No	Course	Course Name	Theory	Practical	Tutorial	Total
23	Core Course-XIII	Indian Economy-II (EHON- 118)	5	0	1	6
24	Core Course-XIV	Development Economics-II (EHON- 119)	5	0	1	6
25	DSE-III	International Economics (EHON- 120)	5	0	1	6
26	DSE-IV	Dissertation/Project (EHON- 121)	5	0	1	6
						148

	Government College (Autonomous) Rajahmundry	Program & Semester
		I -BA (Hons) (I Sem)
Course Code EHON-101	TITLE OF THE COURSE **INTRODUCTORY MICRO ECONOMICS**	

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. This course is designed to expose the students to the basic principles of microeconomic theory.
2. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

Course Outcomes

CO1	How households and firms interact in various market structures to determine price and quantity of a good produced.
CO2	Understand that economics is about the allocation of scarce resources, that scarcity forces of choice, trade off exist and that every choice as an opportunity cost
CO3	Producers 'equilibrium with the help of isoquants, expansion path and elasticity of substitution
CO4	Different types of markets and their features
CO5	Demonstrate marginal productivity theory of distribution, theory of wages identifies different types of rent and illustrate different theories of interest and profit.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Module-I

Exploring the subject matter of Economics ; Why study economics? Nature and Scope of economics; the basic economic problem: scarcity and choice; the question of what to produce, how to produce and how to distribute output; Micro and Macro economics ; methodology of economics: deductive and inductive methods, economic statistics and dynamics

Module-II

Demand function; law of demand, factors determining demand demand schedule and demand curves, market vs individual demand, demand for complementary and substitute goods . Cardinal utility: law of diminishing marginal utility and principle of equimarginal utility. Ordinal utility: properties of indifference curves, marginal rate of substitution

Module-III

Production function: Total, Average and Marginal products, law of variable proportions; three stages of production ; Iso-quants : general properties of Iso-quants-marginal rate of technical substitution: Cobb-Douglas production function and CES Production function. The concept of costs : Total, Fixed and Variable costs in the short run average and marginal cost curves .

Module-IV

The meaning of supply, supply function and law of supply. Concept of revenue : Total, Average and Marginal revenue and their relationship. Meaning of market: Classification of Market structure ; Perfect Competition and it's features, equilibrium of a firm and industry and Perfect Competition.

Text books:
1. Telugu Academy Publications on Microeconomics.
2. H. L. Ahuja, Advanced Economic Theory, S. Chand, 2004.
3. M. L. Seth, Microeconomics, Lakshmi Narayan Agarwal, 2006

Reference books:
1. Karl E. Case and Ray C. Fair, Principles of Economics, Pearson Education Inc., 8th Edition, 2007.
2. N. Gregory Mankiw, Economics: Principles and Applications, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007
3. A. Koutsoyiannis, Modern Microeconomics – Macmillan, London

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM

I - B.A ECONOMICS (HONOURS)

SEMESTER - I

INTRODUCTORY OF MICRO ECONOMICS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

I) ANSWER <u>ALL</u> THE QUESTIONS   3X10=30

1. a) Explain the Nature and Scope of Micro economics.

   (or)

   b) Explain the law of demand with it's exceptions.

2. a) Critically examine the law of diminishing marginal utility.

   (or)

   b) Explain the Law of variable proportions theory.

3. a) Explain different types of costs.

   (or)

   b) How the price and output determined under perfect competition.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   4X5=20

4. Basic economic problem

5. Difference between micro and macro economics

6. Demand function

7. MRS

8. Iso-quants

9. Cobb-Douglas production function

10. Law of supply

11. Classification of Market

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

I– B.A Hons ECONOMICS (CBCS PATTERN)

INTRODUCTORY OF MICRO ECONOMICS

I-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	2	3
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
		I -BA (Hons) (I Semester)
Course Code EHON 102	TITLE OF THE COURSE **MATHEMATICAL METHODS IN ECONOMICS–I**	

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:	Basics of Mathematics Knowledge	5	1	0	6
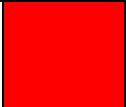
Course Objectives

1. This course is designed to expose the students to the basic principles of Mathematical economics
2. To transmit the body of basic mathematics that enables the study of economic theory, specifically the courses on microeconomic theory, macroeconomic theory, statistics and econometrics

Course Outcomes

CO1	To understand the components of number system and Set theory
CO2	To comprehend the basic functional forms used in economic analysis
CO3	To analyse the properties of limits and continuity
CO4	To apply the rules of Differentiation to mathematically solve economic problems
CO5	To know the rules of Integration to mathematically solve economic problems

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

UNIT I

Concepts of Numbers, Sets and Function: Number systems, Geometric Representations, Set Theory, Set Notions, Universal Set, Null Set, Convex Set, Finite & Infinite Sets, Laws of Set Operation, Function and Equations, Variables, Relations and Functions, sequences and series, Equations, Identities, Equilibrium Condition, Systems of Simultaneous Linear Equations, Homogeneous and Homothetic functions, The Straight line and its Slope.

UNIT II

Limits & Continuity: Introduction, Sequence, neighbourhood, limit, evaluation of different types of limits, Continuity of a function, Illustrative examples

UNIT III

Differential Calculus: Derivative of a function, geometric interpretation of derivatives, rules of differentiation, second and higher order derivatives, Partial and total Derivatives, Economic Applications of First Order, Second Order Differential Equation, Illustrative examples and exercise, Homogeneous Function homothetic functions, characterizations and applications Euler's Theorem

UNIT IV

Integration: Concept, Rules of Integration, Methods of Integration, Integration by Parts, Definite and Indefinite Integrals; Improper integrals, Fundamental Theorem of calculus, Illustrated examples, computation techniques,

Text books:

1. K. Sydsaeter and P. Hammond, Mathematics for Economic Analysis, Pearson Educational Asia: Delhi, (2002)
2. Chiang, A.C. and K. Wainwright Fundamental Methods for Mathematical Economics, McGraw Hill, New Delhi ,(2013)
3. Mukherji, A. and Guha, S.: Mathematical Methods and Economic Theory, Oxford University Press, (2011)

Reference books:

1. Carl P Simon and Lawrence Blume, Mathematics for Economists, Viva Books (2018)
2. Allen, R.G.D Mathematical Analysis for Economists, Macmillan Press, London (2008)
3. Rangarajan K. Sundaram, A First Course in Optimization Theory, Cambridge University Press (1996)

Web Links

1. https://www.classcentral.com/course/swayam-mathematical-economics-14187
2. https://onlinecourses.nptel.ac.in/noc21_hs104/preview
3. https://www.udemy.com/course/mathematics-for-economists-functions-and-derivatives/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

MATHEMATICAL METHODS IN ECONOMICS–I
I-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

I) ANSWER ALL THE QUESTIONS   3X10=30

1. A) Define Set and prove the properties of Set theory

                              (or)

   B) Define Function and explain different types of functions along with graphs

2. A) State L-Hospital Rule and solve the following equation by using the same

   rule $\lim_{x \to 2} \frac{x^2 - 7x^2 + 10x}{x^2 + x - 6}$

                              (or)

   B) In a steel plant the total revenue function R and total cost function C are given by R=120Q+8Q^2-25 and C=2Q^3-4Q^2-6Q+25 where Q denotes output. Then find i) Output level at which profit is maximum ii) determine the maximum profit

3. A) Find $\frac{dy}{dx}$ of $y = (2x^2 + 6x)(2x^3 + 5x^2)$, $y = (2x^2 + 6x)/(2x^3 + 5x^2)$

                              (or)

   B) If marginal cost of a firm is given by MC=3Q^2-4Q+5 find the total cost when the fixed cost is 100

II) ANSWER ANY FOUR OF THE FOLLOWING   4X5=20

4. If A=(1,4,5), B=(2,4,5) and C=(2,3) then show that (AUB)UC=AU(BUC)

5. In a certain culture, the count of bacteria gets doubled after every hour. There were 3 bacteria in the culture initially. What would be the total count of bacteria at the end of the 6th hour

6. Y=2X^5+3X^3+6X=2 find $\frac{dy}{dx}$

7. Find $\int (X^3 + 3X^2 + 5X + 6) \, dx$

8. If average cost function AC=2Q=20+40/Q then find marginal cost function

9. Arithmetic Progression

10. If A=(1,2,5), B=(2,3,5,6) and C=(4,6) then find out (AUB)∩C and (A∩B)UC

11. Consider the function F(X)=X^2-4X+3

X	0	1	2	3	4	5
F(X)	3	0	-1	0	-3	8

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

I– B.A Hons ECONOMICS

MATHEMATICAL METHODS IN ECONOMICS–I

I-SEMESTER END EXAMINATIONS

_____

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	2	2	4
Unit-IV	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		**Program & Semester**
Course Code EHON-103	TITLE OF THE COURSE **INTRODUCTORY MACRO ECONOMICS**		I -BA (Hons) (II Sem)
Teaching	Hours Allocated: 60 (**Theory**)		**L**	**T**	**P**	**C**
Pre-requisites:			5	1	0	6

Course Objectives

1. To introduce the students to the basic concepts of Macroeconomics such as GDP, Inflation, Unemployment and Money

2. To have a broader understanding of theoretical underpinnings of macroeconomics

Course Outcomes

CO1	Define and explain the process of calculating national income, identify its components, analyse the various identities with government and international trade
CO2	To understand the concept of circular flow of income and how the production process takes place in economy.
CO3	Demonstrate the meaning and functions of money, illustrate various versions of quantity theory of money
CO4	To analyse the income determination through classical and Keynesian economics.
CO5	Understanding of IS-LM Model

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Module-1: Concepts and measurements

Nature and scope of Macro economics, micro and macro economics. Basic issues studied in macroeconomics; measurement of gross domestic product; income, expenditure and the circular flow; real versus nominal GDP; price indices; national income accounting for an open economy; balance of payments: current and capital accounts.

Module-2: Money

Functions of money; quantity theory of money; determination of money supply and demand; credit creation; instruments of monetary policy and money multiplier.

Module-3: Inflation

Meaning , types , causes, consequences and remedial measures of Inflation

Module-4. The Closed Economy in the Short Run

Classical and Keynesian systems; simple Keynesian model of income determination;Goods market and IS Curves, money market and the LM Curve and IS-LM Equilibrium model;

Text books:
1. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
3. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005.

Reference books:
1. Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition, 2009.
2. Andrew B. Abel and Ben S. Bernanke, Macroeconomics, Pearson Education, Inc., 7th edition, 2011.
3. Errol D'Souza, Macroeconomics, Pearson Education, 2009.
4. Paul R. Krugman, Maurice Obstfeld and Marc Melitz, International Economics, Pearson Education Asia, 9th edition, 2012.

Web Links
1. https://www.khanacademy.org/economics-finance-domain/macroeconomics
2. https://www.queensu.ca/artsci_online/courses/introductory-macroeconomics
3. https://www.thoughtco.com/online-macroeconomics-textbook-resources-1147693

CO-PO Mapping

(1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM

I - B.A ECONOMICS (HONOURS)

SEMESTER - II

INTRODUCTORY MACROECONOMICS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the Nature and Scope of Macro Economics.

(or)

  b)Explain the measurements of National Income.

2. a) Describe the functions of money.

(or)

  b) Discuss types and causes of Inflation.

3. a)Explain the simple Keynesian model of income determination

  (or)

  b) Explain the IS-LM model.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Circular flow of income
5. Balance of Payments
6. Money multiplier
7. Determination of money supply
8. Stagflation
9. Remedial measures of inflation
10. Classical short run closed economy
11. Consumption function

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

I– B.A Hons ECONOMICS (CBCS PATTERN)

INTRODUCTORY MACROECONOMICS

II-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	4
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
Course Code EHON-104	TITLE OF THE COURSE **MATHEMATICAL METHODS IN ECONOMICS - II**	I -BA (Hons) (II Semester)

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:	Basics of Mathematics Knowledge	5	1	0	6

Course Objectives

1. To transmit the body of basic mathematics that enables the study of economic theory such as microeconomic theory, macroeconomic theory, statistics and econometrics

2. To make familiar to the students by exposing to various mathematical operations so as to understand the nuances of economics theory and its derivations.

Course Outcomes

CO1	To use matrix algebra techniques in economic analysis
CO2	To demonstrate an understanding of the rules of differentiation as they apply to multivariable functions
CO3	To analyse difference and differential equations of first and second order
CO4	To find solutions to unconstrained optimization problems by identifying relative and global maximums and minimums of single variable functions
CO5	To find solutions to constrained optimization with equal constraints problems to multivariable functions

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

UNIT I

Matrix and Determinants: Vectors & Matrices, Types of Matrices, Rules of Addition and Multiplication, Matrix Operation, Inverse Matrix, Determinants, Solution of Linear Equations, Illustrative examples, Economic Applications of Matrices

UNIT II

Differential Equations: Concept of Differential Equation, Exact Differential Equation Integrating Factor, First Order Linear Differential Equation

UNIT III

Unconstrained Optimization: Concept of maxima and minima, First and Second Order Conditions, Necessary and Sufficient Conditions for Existence of Global & Local optima, Identification of maxima and minima, points of inflection, illustrative examples, Economic Applications

UNIT IV

Constrained Optimization: Equality Constraints, Formulation Lagrange Method for first and Second Order Conditions, geometric characterizations, Economic Applications: Utility Maximization, Profit Maximization, Envelope theorem and applications.

Text books:

1. K. Sydsaeter and P. Hammond, Mathematics for Economic Analysis, Pearson Educational Asia: Delhi, (2002)
2. Chiang, A.C. and K. Wainwright Fundamental Methods for Mathematical Economics, McGraw Hill, New Delhi ,(2013)
3. Mukherji, A. and Guha, S.: Mathematical Methods and Economic Theory, Oxford University Press, (2011)

Reference books:

1. Carl P Simon and Lawrence Blume, Mathematics for Economists, Viva Books (2018)
2. Allen, R.G.D Mathematical Analysis for Economists, Macmillan Press, London (2008)
3. Rangarajan   K. Sundaram, A First Course in Optimization Theory, Cambridge University Press (1996)

Web Links

1. https://www.classcentral.com/course/swayam-mathematical-economics-14187

2. https://onlinecourses.nptel.ac.in/noc21_hs104/preview

3. https://www.udemy.com/course/mathematics-for-economists-functions-and-derivatives/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

I– B.A Hons ECONOMICS

MATHEMATICAL METHODS IN ECONOMICS–II

II-SEMESTER END EXAMINATIONS

_____

Time: 2 ½ Hrs   **Max. Marks: 50**

SECTION-A

ANSWER <u>ALL</u> THE QUESTIONS   **3X10=30**

1. a) Find the solutions for the system of equations by matrix Inverse method.

    $4X_1+X_2-5X_3=8$

    $-2X_1+3X_2+X_3=12$

    $3X_1-X_2+4X_3=5$

    (or)

    b) Verify that $(A + B)^T = A^T + B^T, (AB)^T = B^T . A^T$, for the Matrices

    $$A=\begin{bmatrix} 2 & 1 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix} B=\begin{bmatrix} -7 & 0 & 3 \\ 9 & 1 & 4 \\ 0 & 6 & 5 \end{bmatrix}$$

2. a) Find the maxima and minima values of $Y= X^3+6X^2+9$

    (or)

    b) Solve the differential equation by using integrating factor

    $\frac{dy}{dt} + 3t^2y = 6t^2$

3. A firm under perfect competition produces X_1 and X_2 with prices equal to Rs.10 and
    Rs.15 respectively. If cost function of the firm is $C=2X_1^2+X_1X_2+2X_2^2$, where X_1 and
    X_2 denote the levels of output then find out the Maximum Profit and X_1 and X_2

    (or)

    b) Find the extreme value of the objective function by using Lagrange method

    $Y=X_1X_2$ subject to $X_1+X_2= 6$

SECTION-B

ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Find out the determinant of $\begin{bmatrix} 1 & 5 & 6 \\ 7 & 2 & 4 \\ 5 & 7 & 9 \end{bmatrix}$

5. Find the roots for $X^2-5X+6=0$

6. Find dy/dx If $Y=3X^2+7X+6$

7. Singular Matrix

8. Find $\dfrac{dy}{dx}$ If $Y=(X^2-1)/(X^2+1)$

9. Point of inflection

10. If $Z=X^2Y+2X+Y^3$ then find out $\partial Z/\partial X$ and $\partial Z/\partial Y$

11. Envelope Theorem

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
I– B.A Hons ECONOMICS

MATHEMATICAL METHODS IN ECONOMICS–II
II-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	2	2	4
Unit-IV	1	2	3
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	**Program & Semester**			
Course Code EHON-	TITLE OF THE COURSE **ENVIRONMENTAL STUDIES**	II -BA (Hons) (II Sem)			
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		4	1	0	4

Course Objectives

1. The Environmental Studies major prepares students for careers as leaders in understanding and addressing complex environmental issues from a problem-oriented, interdisciplinary perspective. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

Course Outcomes

CO1	Understand key concepts from economic, political, and social analysis as they pertain to the design and evaluation of environmental policies and institutions
CO2	Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem solving.
CO3	Apply systems concepts and methodologies to analyze and understand interactions between social and environmental processes.
CO4	Understand the transnational character of environmental problems and ways of addressing them, including interactions across local to global scales.
CO5	Appreciate the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Unit 1 : Introduction to environmental studies

Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development.

Unit- 2 :

What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem : food chains, food webs and ecological succession.

Unit – 3

Land resources and land use change; Land degradation, soil erosion and desertification. Climate change global, global warming, ozone layer depletion, acid rain and impact on human community and agriculture. Deforestation: causes and impacts due to mining, dam building on environment, forests, bio-diversity tribal populations. Water: use and over – exploitation of surface and ground water, floods, droghts, conflicts over water (international and interstate) Disaster management: floods, earthquakes, cyclones and landsclides. Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growth energy needs.

Unit- 4

Levels of bio-diversity : genetic , specify and eco system diversity; Biogeographic zones of india ; Biodiversity patterns and global bio-diversity hot spots. India as a mega bio-diversity nation; Endangered and endemic species of india. Threats to bio-diversity: Habitat loss, poaching of wildlife, man – wildlife conflicts, biological invasions; conservation of bio-diversity: In situ and Ex-situ conservation of bio – diversity. Nature reserves, tribal populations and rights, and human wild life conflicts in Indian context.

Unit-5

Environmental pollution: types and causes, effects and controls; Air, water,soil,noise pollution. Nuclear hazards and human health risks. Solid waste management: control measures of urban and industrial waste. Environment laws: Environmental protection Act; Air prevention & control of pollution. Water prevention & control of pollution. Wildlife protection Act; Forest conservation Act. International agreements : Monetreal and Kyoto protocols and Convention on Biological Diversity(CBD). Environmental moments: Chipko, Silent valley, Bishnois of Rajasthan. Nature reserves, tribal populations and rights, and human wildlife conflicts in India context.

Text books:
1. Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press.
2. Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge
Reference books:
1. World Commission on Environment and Development. 1987. *Our Common Future.* Oxford University Press.
2. Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
Web Links
1. https://collegetutor.net/notes/Environmental_Studies_lecture_notes_pdf
2. https://www.iare.ac.in/sites/default/files/lecture_notes/IARE_ENS_LECTURE_NOTES_1.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

I– B.A Hons ECONOMICS (CBCS PATTERN)

ENVIRONMENTAL SUTIDES

II-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

I) ANSWER <u>ALL</u> THE QUESTIONS   **3X10=30**

1. a) Explain about the multidisciplinary nature of environmental studies.

    (or)

    b) Write a brief note on Sustainable development.

2. a) Explain about energy flow in an ecosystem.

    (or)

    b) Explain about environmental hazards and their impacts on humans.

3. a) What are the threats to bio-diversity and how to conserve the bio-diversity.

    (or)

    b) Explain about environmental pollution.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Functions of sustainable development
5. Types of eco system
6. Renewable energy resources
7. Soil- erosion
8. Levels of bio-diversity
9. India as a mega bio-diversity
10. Environmental laws
11. Solid wastage managment

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
I– B.A Hons ECONOMICS (CBCS PATTERN)
ENVIRONMENTAL SUTIDES
II-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	**Program & Semester**			
Course Code EHON-106	TITLE OF THE COURSE **INTERMEDIATE MICROECONOMICS - I**	II -BA (Hons) (III Sem)			
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. This course is designed to expose the students to the basic principles of microeconomic theory.
2. To provide a sound training in microeconomic theory to formally analyze the behavior of individual agents
3. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyze real-life situations.

Course Outcomes

CO1	To familiarise the basic themes of microeconomics
CO2	Empirical estimation of the elasticity of demand and supply
CO3	To study the theoretical framework of consumer behaviour
CO4	To analyse the basic theories of production function & costs
CO5	To study the structure of and determination of price and output under perfectly competitive and monopoly markets

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Module-1: Consumer Theory

Budget constraints, consumer's equilibrium: maximizing satisfaction; income, substitution and price effects; Slutsky equation, Elasticities of demand: measurements of elasticity of demand. Consumer surplus: measurement and it's applications . choice under risk and intertemporal choice; revealed preference.

Module-2: Production & Cost Theory

Returns to scale – changes in scale and factor proportions, numerical problems on returns to scale. Theory of long run costs : long run average cost curves.

Module-3 Market structure

Monopoly -price and output determination under monopoly ; pricing with market power: price determination, inter temporal price discrimination, peak load pricing, tow part pricing, bundling.

Module-4: Theory of Distribution

Functions vs personal distribution; theory of distribution as a special case of price theory. Marginal productivity theory of distribution : Clark and marshall- Hicks Versions of wage determination under collective bargaining.

Text books:

3. Telugu Academy Publications on Microeconomics.
4. Hal R. Varian, Intermediate Microeconomics, a Modern Approach, W.W. Norton and Company/Affiliated East-West Press (India), 8th edition, 2010.
5. M. L. Seth, Microeconomics, Lakshmi Narayan Agarwal, 2006

Reference books:

3. B. Douglas Bernheim and Michael D. Whinston, Microeconomics, Tata McGrawHill (India), 2009.
4. A. Koutsoyiannis, Modern Microeconomics – Macmillan, London
5. Henderson, J. M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.

Web Links

3.   https://ocw.mit.edu/courses/economics/14-01sc-principles-of-microeconomics-fall-2011
4.   https://onlinecourses.nptel.ac.in/noc20hs01/preview
5.   https://onlinecourses.nptel.ac.in/noc21_hs52/preview

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

INTERMEDIATE MICRO ECONOMICS-I

III-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

I) ANSWER <u>ALL</u> THE QUESTIONS   **3X10=30**

1. a) Explain the types of elasticity of demand.

(or)

   b) Explain revealed preference theory.

2. a) Discuss the law of returns to scale.

(or)

   b) Explain the price determination under monopoly.

3. a) Critically examine the Marginal productivity theory of distribution.

(or)

   b) Explain the wage determination.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Consumer's equilibrium

5. Consumer's surplus

6. Long run average cost curves

7. Average cost curve

8. Price determination

9. Peak load pricing

10. Personal distribution

11. Collective bargaining

INTERMEDIATE MICRO ECONOMICS-I

III-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry		**Program & Semester**			
Course Code EHON-107	TITLE OF THE COURSE **INTERMEDIATE MACROECONOMICS - I**		II -BA (Hons) (III Sem)			
Teaching	Hours Allocated: 60 (**Theory**)		**L**	**T**	**P**	**C**
Pre-requisites:			5	1	0	6
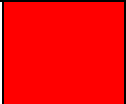
Course Objectives

1. This course is designed to the students to formal modeling of a macro-economy in terms of analytical tools.

2. It discusses various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context.

3. It also introduces the students to various theoretical issues related to an open economy.

Course Outcomes

CO1	To assimilate the notion of Aggregate demand and Aggregate supply in the Economy
CO2	To strengthen the awareness about the basic economic issues like inflation, unemployment and Philips Curve
CO3	To understand the concept of Goods market and money market equilibrium
CO4	To analyse the basic postulates of open economy models
CO5	To have overview on international financial markets and their functioning

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Module-1: Production function, factor markets and aggregate demand and supply functions

Production function, aggregate supply function, aggregate demand function. Determinants of aggregate demand and aggregate supply . Derivation of aggregate demand and aggregate supply interaction of aggregate demand and supply : aggregate supply curves, Philips curve.

Module-2: Inflation, Unemployment and Price expectations models - price models

Measurements of inflation and unemployment – price indicies in India and their measurements – kinds of unemployment and their measurements – adoptive expectations theory, rational expectations hypothesis.

Module-3: Open Economy Models

Short-run open economy models, Mundell-Fleming model; exchange rate determination; purchasing power parity; asset market approach; Dornbusch's overshooting model; monetary approach to balance of payments; international financial markets.

Module – 4 : New classical and New Keynesian models

Real business cycle theory , friedman – lucas model

Text books:
1. Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
3. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005.

Reference books:

1. Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition, 2009.
2. Andrew B. Abel and Ben S. Bernanke, Macroeconomics, Pearson Education, Inc., 7th edition, 2011.
3. Errol D'Souza, Macroeconomics, Pearson Education, 2009.
4. Paul R. Krugman, Maurice Obstfeld and Marc Melitz, International Economics, Pearson Education Asia, 9th edition, 2012.

Web Links

1. https://www.khanacademy.org/economics-finance-domain/macroeconomics

2. https://www.thoughtco.com/online-macroeconomics-textbook-resources-1147693

3. https://ocw.mit.edu/courses/economics/14-05-intermediate-macroeconomics-spring-2013/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAMAHENDRAVARAM
II - B.A ECONOMICS (HONOURS)
SEMESTER - III
INTERMEDIATE MACROECONOMICS-I

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

  1. a) Explain the derivation of demand and supply curves.

(or)

   b) Determination of aggregate demand function.

  2. a) Briefly explain unemployment and it's measurements.

(or)

   b) Explain mundell – fleming model.

  3. a) Explain real business cycle theory.

(or)

   b) Explain the Friedman- Lucas model

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

  4. Philips curve
  5. Production function
  6. Price indices in India
  7. Adaptive expectations theory
  8. Purchasing power theory
  9. International Financial Markets
  10. Price expectation model
  11. New Keynesian model

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

INTERMEDIATE MACROECONOMICS-I

III-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	3	5
Unit-II	2	2	4
Unit-III	2	3	5
Total Marks	60	40	100

	Government College (Autonomous) Rajahmundry	Program & Semester
Course Code EHON-108	TITLE OF THE COURSE **STATISTICAL METHODS FOR ECONOMICS**	II -BA (Hons) (III Sem)

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		5	1	0	6

Course Objectives

1. This course is designed to expose the students to the basic principles of Statistics
2. To provide a sound training in statistical methods so as to formally analyze the data
3. The emphasis will be on thinking like an economist and the course will illustrate how the tools of statistics can be applied to analyze theoretical validation.

Course Outcomes

CO1	To understand the measures of Central Tendency and Dispersion in order to interpret empirical data
CO2	To analyse the data by using correlation and regression
CO3	To study the elementary theory of probability including probability distributions.
CO4	To understand the concept of sampling and estimation
CO5	To understand hypothesis testing

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Module-1: Measures of Central Tendency & Dispersion

Introduction of Statistics, Structure of Data, Tabulation of Data, Frequency Distribution Mean, Median, Mode for Ungrouped and Grouped data, Geometric Mean and Harmonic Mean, Measures of: Range, Mean Deviation, Standard Deviation, Coefficient of Variation, Quartile Deviation, Coefficient of Quartile Deviation, Lorenz Curve, Skewness and Kurtosis

Module-2: Correlation and Regression Analysis:

Correlation: Scattered diagram, Partial and Multiple correlation, Coefficients of Correlation, Karl Pearson and Rank Correlation. Simple Regression Model, Least Square Estimates

Module-3: Probability Theory & Distributions

Basic Relationships of probability; Concepts of Joint, Marginal and Conditional probability and Independence, Bayes' Theorem, Concept of Random Variables and Features of probability distributions (Expected values, Variances and their properties); Binomial, Poisson & Normal Distributions

Module-4: Sampling Theory

Sampling: Concept and Basic Terminology, Principal Steps in a Sample Survey, Methods of Sampling. The role of Sampling Theory, Simple Random Sampling, Purposive Sampling, Stratified, Systematic, Cluster Sampling, Snowball Sampling, Determination of Sample size

Module-5: Statistical Inference: Theory of Estimation:

Theory of Estimation, Types of Estimation, Parameters and Estimates, Standard Error and Its Utility, Distribution of The Sample Mean, Properties of Estimators, Testing of Hypothesis, Chi-Square Test, T-distribution, F- Test, Estimation of population parameters using methods of moments and maximum likelihood procedures; properties of estimators; confidence intervals for population parameters.

Text books:
1. S.P. Gupta, Statistical Methods, Sultan Chand and Sons, Latest edition, New Delhi
2. S.C. Gupta, Fundamentals of Statistics, Sultan Chand and Sons, Latest edition, New Delhi

Reference books:
1. Anderson, D., D.Sweeney and T.Williams (2013): "Statistics for Business and Economics", Cengage Learning : New Delhi..
2. Nagar, A.L. and R.K. Das (1993), Basic Statistics, Oxford University Press, New Delhi..
3. Freund, J.E. : "Mathematical Statistics", (Latest Edition), Prentice Hall : India.

Web Links
1. https://ocw.mit.edu/courses/economics/14-30-introduction-to-statistical-method-in-economics-spring-2006

2. https://onlinecourses.nptel.ac.in/noc21_hs39/preview

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
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CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

STATISTICAL METHODS FOR ECONOMICS

III-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	1	2	3
Unit-IV	1	1	2
Unit-IV	1	1	2
Total Marks	60	40	100

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER <u>ALL</u> THE QUESTIONS   **3X10=30**

Classes	0-20	20-40	40-60	60-80	80-100	100-120	120-140
Frequency	6	8	10	12	6	5	3

1. a) Find the Mean, Median & Mode of the following data

(or)

Marks	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90
Number of Students	2	22	19	14	3	4	6	1

b) Compute the standard deviation and the coefficient of variation of the given data

2. a) State and explain the Poisson Distribution and critically examine its role in statistical analysis

(or)

b) Obtain the two lines of regression from the following data

X	56	42	72	39	63	47	52	49	40	42	68	60
Y	127	112	140	118	129	116	130	125	115	120	135	133

3. a) Define Sampling. Explain the different methods of sampling

(or)

b) Write a brief note on Hypothesis Testing, level of significance and t-test

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   4X5=20

4. In a distribution, the median is 20 and the mean is 22.5. Using these values, find the value of the mode.

5. Mr Alex drove through 8 southern states on his summer vacation. Fuel prices varied from state to state he travelled. Calculate the range of fuel prices?

   Rs. 2.79, Rs. 0.61, Rs. 2.96, Rs. 3.09, Rs. 1.64, Rs. 2.25, Rs. 3.73, Rs. 1.67

6. In a correlation study the following values are obtained then find the two regression equations that are associated with above values

	X	Y
Mean	65	67
Standard Deviation	2.5	3.5
Coefficient of Correlation	0.8	

7. Quota Sampling

8. Standard error of estimate

9. Critical Region

10. Type-I and Type-II errors.

11. Properties of an estimator

	Government College (Autonomous) Rajahmundry	Program & Semester
		I -BA (Hons) (III Semester)
Course Code EHON-109	TITLE OF THE COURSE **Financial Economics**	

Teaching	Hours Allocated: 40 (**Theory**)	L	T	P	C
Pre-requisites:		4	0	0	4

Course Objectives

1. This course is designed to expose the students to the basic principle's financial economics
2. To understand the primary and secondary market of capital and money market
3. It is also aimed in overall understanding of financial markets functioning in India

Course Outcomes

CO1	To familiarize the students with the basic concepts in financial economics
CO2	To provide comprehensive knowledge on the role of finance and financial systems in operation
CO3	The course intends to familiarize the students with the basic concepts in money market and capital market
CO4	To enable students to know the operation of the Indian Financial System and activities in the financial markets.
CO5	To understand the Indian financial system and the main leading agencies

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Unit-I: Financial system and Financial Markets

Financial system-Structure-Functions- Financial markets- Financial Instruments -Financial system and Economic development - Money Market-Meaning-Functions-Instruments of money market-Call loans, Collateral loans, Promissory notes, Bills of Exchange, Treasury Bills, Gilt edged securities, RBI in Indian Money market.

Unit-II: Capital Market

Capital market- Meaning – Functions-Structure- SEBI - Primary and Secondary markets - Instruments of Capital market- Bonds and debentures, Government promissory notes, public sector bonds-Initial Public Offer-Methods of floatation of shares – Secondary Market- Nature and functions of stock exchanges -Settlement and trading in stock exchange- Players in stock exchanges-Speculators-Bulls, Bears, Lame duck, Stag- Kerb trading, Insider trading- Listing

Unit-III: Security Market Analysis

Risk-Return on risk-types of risk-Security Evaluation-Fundamental Analysis, Technical Analysis -Fundamental Analysis- Dow Theory, Dow-Jones Index, Elliot Wave Theory Derivatives-Options, Futures/Forwards, Swaps Construction of Stock market indices.

Unit-IV: Indian Financial System

Structure of Indian Financial System-Organization and management of Indian Stock Exchanges- Depositories in India NSDL, CSDL- Development financial institutions -Pension and Provident Funds, National Pension system and PFRDA (Pension Funds Regulatory and Development Authority) Mutual funds- Venture capital funds- NBFIS, Chit Funds-Credit rating agencies in India

Text books:

3. Khan, N Y (1996): Indian Financial system, TATA Mc Graw Hill Co Ltd, New Delhi
4. Bharathi V Pathak (2003): Indian Financial system, Pierson Education, New Delhi

Reference books:

4. Gupta, S B (2007): Monetary Economics Institutions Theory and Policy, Chand and Co Ltd
5. Preethi Singh (2009) : Dynamics of Indian Financial system, markets, institutions and services, Annes Books Pvt Ltd, New Delhi
6. Bhole, L M (1999): Financial Institutions and Markets, TATA Mc Graw Hill Co Ltd, New Delhi

Web Links

1. https://onlinecourses.nptel.ac.in/noc20_mg10/preview

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	1	2	3
Unit-IV	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

FINANCIAL ECONOMICS

III-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Discuss the role of financial system in economic development of a country

(or)

   b) Critically examine the Role of RBI in Indian Money Market

2. a) Distinguish between Primary market and Secondary market

(or)

   b) Explain the role played by SEBI in protecting investors' interests and controlling the business at stock exchange.

3. a) Discuss Dow Theory and Elliot Wave theory

(or)

   b) Write a brief note on Credit rating agencies and their role in financial sector.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Treasury Bills
5. Gilt Edged Securities
6. Insider Trading
7. SENSEX
8. Derivatives & Options
9. Futures and Forward
10. PFRDA
11. NSDL

	Government College (Autonomous) Rajahmundry	Program & Semester
Course Code	**TITLE OF THE COURSE CONTEMPARORY INDIA**	II BA ECONOMICS (HONOURS) (III Semester)

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		5	1	-	4

Course Objectives

1. This course provides a comprehensive understanding about India struggle towards freedom and rebuilding nation

2. It covers the drafting of constitution of India and democracy at work during 1950-70's

3. The course also covers Economy, Society and culture that have followed during 1950-70's

Course Outcomes

CO1	To have a familiarize about various moments that led us towards freedom
CO2	To understand about the drafting of Constitution and integration of Princely states
CO3	To get good idea about the regional experiences in India and World
CO4	To have broad understanding of planned economy and the land question

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Unit-I: Towards Independence and Emergence of the New State Government of India Act 1935 Working of the GOI Act Negotiations for Independence and Popular Movements Partition: Riots and Rehabilitation

Unit-II: Making of the Republic-The Constituent Assembly;

Drafting of the Constitution Integration of Princely States

Unit-III: Indian Democracy at Work c1950- 1970s Language, Region, Caste and Religion Electoral Politics and the Changing Party System; Regional Experiences India and the World; Non-Aligned Movement

Unit-IV Economy Society and Culture c1950-1970s The Land Question, Planned Economy, Industry and Labor Science and Education-The Women's Question: Movements and Legislation Cultural Trends: Institutions and Ideas, Literature, Media, Arts

Essential Readings:

1. Granville Austin, Indian Constitution: Cornerstone of a Nation, New Edition, OUP, 2011
2. Francine Frankel, India's Political Economy, 1947-2004, New Delhi: Oxford University Press, 2006.
3. Paul Brass, The Politics of India Since Independence, Cambridge: Cambridge University Press, 1994.
4. Ram Chandra Guha, India after Gandhi: The History of the World's Largest Democracy, New Delhi:Picador, 2007

Suggested Readings:

1. Bipan Chandra, et al (ed) India after Independence, New Delhi: Penguin Books, 1999
2. Appadurai, Domestic Roots of India's Foreign Policy 1947-1972. New Delhi: Oxford University Press,
3. 1979. Rajni Kothari, Politics in India, New Delhi: Orient Longman,

Web Links

1. https://www.coursera.org/learn/india
2. https://www.classcentral.com/course/swayam-making-of-contemporary-india-17679
3. https://www.my-mooc.com/en/mooc/contempindia/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	2	3	3	2	3	2	3	2	2	3			
CO2	3	3	3	2	3	3	3	3	2	3			
CO3	3	2	3	3	3	3	3	2	3	3			
CO4	2	2	3	3	3	2	3	2	3	2			
CO5	3	3	3	3	3	3	3	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS

CONTEMPORARY INDIA (Generic Elective)

III-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	1	2
Unit-III	1	2	3
Unit-IV	2	3	5
Total Marks	60	40	100

II– B.A Hons ECONOMICS

CONTEMPORARY INDIA (Generic Elective)

III-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Discuss the main provisions of Government of India Act-1935

(or)

   b) Write about the major events that led to the partition of India between 1942-47

2. a) Discuss the structure and composition of the Constituent Assembly of India

(or)

   b) Discus the Indian Polity and Party system between 1950 and 1970's

3. a) Critically examine the implementation of land reforms in India between 1950 and 1970's

(or)

   b) "The major changes in Science and Educational polices between 1950 and 1970's changed the shape of the India" Comment?

II) ANSWER ANY FOUR OF THE FOLLOWING   **4X5=20**

4. Quit India Movement
5. Cabinet Mission Plan
6. Integration of Princely States after Independence
7. Non-Alignment Movement
8. National Political Party
9. Bhoodan Movement
10. Hindu Code Bill
11. Sahitya Academy

	Government College (Autonomous) Rajahmundry	**Program & Semester**
Course Code EHON-110	TITLE OF THE COURSE **INTERMEDIATE MICROECONOMICS - II**	II -BA (Hons) (IV Sem)

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6
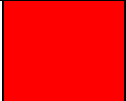
Course Objectives

1. This course is designed to expose the students to the principles of microeconomic theory.
2. To provide a sound training in microeconomic theory to formally analyze the behavior of individual agents
3. The emphasis will be on giving conceptual clarity to the student coupled with the use of mathematical tools and reasoning

Course Outcomes

CO1	To familiarize the students with the advance concepts in micro economics
CO2	To provide comprehensive knowledge on Welfare Economics
CO3	To study the concepts of general equilibrium, economic efficiency and market failure
CO4	To enable students to have familiarise towards the concepts of Game Theory and its postulates.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Module I: Imperfect Competition

Price and output determination under monopolistic competition; oligopoly: Introduction , characteristics of oligopoly, various approaches to determination of price and output under oligopoly. Classical models of oligopoly: Curnot approach to equilibrium. Theory of games under strategic behaviour.

Module II: Theory of Distribution

Ricardian theory of rent and it's critical evaluation; classical theory of interest and Keynes liquidity preference theory of interest, profit as a dynamic surplus, Schumpeter theory of profits under knight theory of profits.

Module III: Welfare Economics

Partial and general equilibrium analysis, general equilibrium of production and exchange. Concept and conditions of pareto optimality; new welfare economics: Kaldor – Hicks welfare criterion , compensation principle.

Module IV: Externalities and market failure

Positive and Negative externalities in production and consumption. Public goods and market failure: Free- Rider's problem. Information problem and markets with asymmetric information

Text books:
1. Hal R. Varian, *Intermediate Microeconomics, a Modern Approach*, 8th edition,
2. C. Snyder and W. Nicholson, *Fundamentals of Microeconomics,* Cengage Learning (India), 2010.

Reference books:
1. B. Douglas Bernheim and Michael D. Whinston, Microeconomics, Tata McGraw Hill (India), 2009.
2. A. Koutsoyiannis, Modern Microeconomics – Macmillan, London
3. Henderson, J. M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi.
4.

Web Links

1. https://nptel.ac.in/courses/109/104/109104125/

2. https://onlinecourses.nptel.ac.in/noc21_hs52/preview

3. https://ocw.mit.edu/courses/economics/14-01sc-principles-of-microeconomics-fall-2011/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
II– B.A Hons ECONOMICS (CBCS PATTERN)
INTERMEDIATE MICRO ECONOMICS - II
IV-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

INTERMEDIATE MICRO ECONOMICS - II

IV-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) How price determined under monopolistic competition.

   (or)

   b) Explain the Curnot- approach in equilibrium.

2. a) Critically examine the Keynes liquidity preference theory of interest.

   (or)

   b) Explain the partial and general equilibrium

3. a) Discuss about positive and negative externalities in production.

   (or)

   b) Describe the Kaldor – Hicks welfare criterion.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Oligopoly

5. Price determination

6. Classical theory of interest

7. Schumpeter theory

8. knight theory of profit

9. Pareto optimality

10. Public goods

11. Free- rider's problem

	Government College (Autonomous) Rajahmundry	**Program & Semester**			
		II -BA (Hons) (IV Sem)			
Course Code EHON-111	TITLE OF THE COURSE **INTERMEDIATE MACRO ECONOMICS - II**				
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6
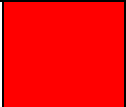
Course Objectives

1. This course is designed to expose the students to the principles of macroeconomic theory.

2. To provide a sound training in macroeconomic theory to formally analyze the aggregates

3. It also provides the macro-economic foundations to the various aggregative concepts used in the previous course.

Course Outcomes

CO1	To have a familiarize about various hypotheses of consumption
CO2	To have a understand about prevailing interest rates and demand for money
CO3	To get good ideas on the nuances of Fiscal Policy
CO4	To understand the nuances of Monetary Policy

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

Module-I: Microeconomic Foundations

a. Consumption: Keynesian Theory of consumption function;Relative income hypothesis ; permanent income hypotheses; Life cycle income hypothesis.

b. Investment: determinants of business fixed investment; residential investment and inventory investment.

c. Demand for money.

Module-II: Fiscal and Monetary Policy

Monetary policy objectives and targets; active and passive rules versus discretion: time consistency; the government budget constraint; government debt and Monetary ad Fiscal policy mix in action

Module-III:

Harrod-Domar model; Solow model; golden rule; technological progress and theory of endogenous growth.

Module-IV: Schools of Macroeconomic Thoughts

Classicals; Keynesians; New-Classicals and New-Keynesians.

Text books:

1. Dornbusch, Fischer and Startz, *Macroeconomics*, McGraw Hill, 11th edition, 2010.
2. N. Gregory Mankiw. *Macroeconomics,* Worth Publishers, 7th edition, 2010.
3. Edward Shapiro Macro Economic Analysis, Galgotia Publications, 5th Edition, 2013

Reference books:

1. Olivier Blanchard, *Macroeconomics*, Pearson Education, Inc., 5th edition, 2009.
2. Errol. D'Souza, *Macroeconomics*, Pearson Education, 2009.
3. Robert J. Gordon, *Macroeconomics*, Prentice-Hall India Limited, 2011.

Web Links

1. https://www.conted.ox.ac.uk/courses/macroeconomics-an-introduction-online

2. https://www.edx.org/learn/macroeconomics

3. https://nptel.ac.in/courses/109/104/109104073/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
II– B.A Hons ECONOMICS (CBCS PATTERN)
INTERMEDIATE MACRO ECONOMICS - II
IV-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	2	3
Unit-II	1	2	3
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

II– B.A Hons ECONOMICS (CBCS PATTERN)

INTERMEDIATE MACRO ECONOMICS - II

IV-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS **3X10=30**

1. a) Explain the Permanent Income Hypothesis

(or)

   b) Discuss critically the Keynesian Theory of Consumption

2. a) Explain the objective of monetary policy

(or)

   b) Critically examine the solow economic growth model and it's limitations.

3. a) Critically examine the major economic ideas of Classical School of economic thought

(or)

   b) Examine the major economic ideology of J.M. Keynes

II) ANSWER ANY FOUR OF THE FOLLOWING 4X5=20

4. Life cycle Income Hypothesis
5. Consumption expenditure
6. Government Budget constraint
7. Fiscal policy
8. Domar model
9. Golden rule
10. Fundamental psychological law of consumption
11. Monetary economic ideology

	Government College (Autonomous) Rajahmundry	**Program & Semester**
Course Code EHON-112	TITLE OF THE COURSE **INTRODUCTORY ECONOMETRICS**	II -BA (Hons) (IV Sem)

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. This course provides a comprehensive introduction to basic econometric concepts and techniques

2. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models.

3. The course also covers the consequences of and tests for misspecification of regression models.

Course Outcomes

CO1	To have a familiarize about various statical concepts which are essential for econometric Modelling
CO2	To understand about statical hypotheses and testing parameters
CO3	To get good ideas on estimation of a model by method of ordinary least squares
CO4	To have broad understanding on Multiple Regression Models
CO5	To understand the concepts of Multicollinearity; heteroscedasticity; serial correlation.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

1. Nature and Scope of Econometrics

2. Statistical Concepts

Normal distribution; chi-square, t- and F-distributions; estimation of parameters; properties of estimators; testing of hypotheses: defining statistical hypotheses; distributions of test statistics; testing hypotheses related to population parameters; Type I and Type II errors; power of a test; tests for comparing parameters from two samples.

3. Simple Linear Regression Model: Two Variable Case

Estimation of model by method of ordinary least squares; properties of estimators; goodness of fit; tests of hypotheses; scaling and units of measurement; confidence intervals; Gauss Markov theorem; forecasting.

4. Multiple Linear Regression Model

Estimation of parameters; properties of OLS estimators; goodness of fit - R^2 and adjusted R^2; partial regression coefficients; testing hypotheses – individual and joint**;** functional forms of regression models; qualitative (dummy) independent variables.

5. Violations of Classical Assumptions: Consequences, Detection and Remedies

Multicollinearity; heteroscedasticity; serial correlation.

6. Specification Analysis

Omission of a relevant variable; inclusion of irrelevant variable; tests of specification errors.

Text books:

1. D. N. Gujarati, Dawn Porter and Sangeetha Gunasekar, *Basic Econometrics*, McGraw Hill Education, 5th Edition, International Edition,2017
2. D. N. Gujarati and D.C. Porter, *Essentials of Econometrics,* McGraw Hill, 4th edition, International Edition, 2009.
3. Christopher Dougherty, *Introduction to Econometrics*, Oxford University Press, 3rd edition, Indian edition, 2007.

Reference books:

1. Wooldridge Jeffrey, *Introductory Econometrics a Modern Approach*, Cengage Learning India 7th edition, 2019.

Web Links

1. https://www.coursera.org/courses?query=econometrics

2. https://onlinecourses.nptel.ac.in/noc21_hs01/preview

CO-PO Mapping

(1: Slight [Low]; 2: Moderate [Medium]; 3: Substantial [High], '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

INTRODUCTORY ECONOMETRICS

IV-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	0	1
Unit-II	1	1	2
Unit-III	1	1	2
Unit-IV	1	2	3
Unit-V	1	2	3
Unit-VI	0	2	2
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

INTRODUCTORY ECONOMETRICS

IV-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the nature and scope of Econometrics

     (or)

     b) Write down the properties of an estimator

2. a) Explain the Gauss-Markov theorem

     (or)

     b) Explain the properties of OLS estimators.

3. a) Discuss Multicollinearity and Heteroscedasticity

     (or)

     b) Write a brief note on Omission of a relevant and inclusion of irrelevant variable

II) ANSWER ANY __FOUR__ OF THE FOLLOWING   **4X5=20**

4. Type-I & II Errors
5. Goodness of Fit
6. R^2 and Adjusted R^2
7. Dummy Variable
8. Serial Correlation
9. Specification Error
10. Homoscedasticity
11. Tests of Hypothesis

	Government College (Autonomous) Rajahmundry	Program & Semester
Course Code EHON-113	TITLE OF THE COURSE **CONTEMPARARY ECONOMIC ISSUES**	II -BA (Hons) (IV Sem)

Teaching	Hours Allocated: 60 (**Theory**)	L	T	P	C
Pre-requisites:		4	1	0	4

Course Objectives

1. This course provides an introduction to economics through the application of economic principles to contemporary economic issues. Economics, which is primarily concerned with the allocation of scarce resources, can be described as the study of decision-making when applied to the individual (or micro) level and can be described as the study of the economy as a whole when applied at the larger macro level. In this course, we will touch upon both microeconomic and macroeconomic principles.

Course Outcomes

CO1	To know about the fiscal deficits and money aggregates
CO2	To know about Indian tax system
CO3	Student will know the fiscal federation in India
CO4	To have broad understanding about the monetary management.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline

UNIT- CONCEPTS
Different concepts of deficits (Primary, Revenue, fiscal & budgetary) ; different concepts of monetary aggregates (M1,M2,M3,M4); different types of price indices in India (WPI,CPI); estimates of budgeting (Actual, Revised, Budget estimates)

UNIT-2 FISCAL DEVELOPMENTS
Tax and Non-tax revenue: issues in implementation of GST and disinvestments ; Zero-Based budgeting and gender budgeting ; major issues in Indian fiscal policy

UNIT- 3 FISCAL FEDERALISM
Devaluation of tax receipts: horizontal and vertical ; central and state financial relations in India: 15th finance commission

UNIT- 4 MONETARY MANAGEMENT
Review of monetary policy committee in India: recent functions between monetary authority and fiscal authority. Recent changes in the measurement of inflation in India: index numbers; Laspeyers and Paasches, Ideal Index numbers.

Web Links

1. https://www.studocu.com/en-us/course/kennesaw-state-university/contemporary-economic-issues/2444132

2. https://www.srcc.edu/study-material-bah-economics-sem-4-contemporary-economic-issues

3. https://www.indiabudget.gov.in/doc/Key_to_Budget_Document_2021.pdf

4. https://www.indiabudget.gov.in/doc/Budget_at_Glance/budget_at_a_glance .pdf

5. http://www.cbgaindia.org/primers-manual/lets-talk-about-budget

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
II– B.A Hons ECONOMICS (CBCS PATTERN)
CONTEMPARARY ECONOMIC ISSUES
IV-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	2	2	4
Unit-III	1	2	3
Unit-IV	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

II– B.A Hons ECONOMICS (CBCS PATTERN)

CONTEMPARARY ECONOMIC ISSUES

IV-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the different concepts of deficits

(or)

   b) Discuss about the different concepts of monetary aggregates

2. a) Explain the Tax revenue and Non- tax revenue

(or)

   b) Explain the major issues in Indian fiscal policy

3. a) Explain finance commission and discuss about recommendations of 15th finance commission

(or)

   b) Define inflation and explain recent changes in measurement of inflation in India.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Different types of price indices
5. Fiscal deficits
6. GST
7. Zero-based budgeting
8. Devaluation of tax receipts
9. Central and State finance relations in India
10. Index number
11. Monetary policy

	Government College (Autonomous) Rajahmundry	**Program & Semester**
		III -BA (Hons) (V Semester)
Course Code EHON-114	TITLE OF THE COURSE **INDIAN ECONOMY-I**	

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. This course reviews major trends in India's economic indicators and policy debates in the post-Independence period,

2. It covers population, human development indicators and the goals of SDGs'

3. The course also covers the key issues of Indian economy transcending Unemployment, Poverty and Inequality

Course Outcomes

CO1	To have a familiarize about growth and development under different policy regimes
CO2	To understand about new economic policy reforms
CO3	To get good ideas on demographic trends and issues
CO4	To have broad understanding key issues of Indian economy
recent	To know the recent issues in Indian economy

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

Unit-1: Economic Development since Independence

Major features of the economy at independence; growth and development under different policy regimes, Relationship between capital formation and development, Economic planning in India, New economic policy/economic reforms in India.

Unit-II: Population and Human Development

Demographic trends and issues; education; health and malnutrition, Human Development Index, Sustainable Development, Goals of SDGs

Unit-III: **Key Issues of Indian Economy**

Trends, problem and types of unemployment; measurement, trend and policies in poverty (different approach for measurement), issue of Inequality, issue of education and gender in India.

Unit-IV: **International Comparisons**

GATT, WTO, India foreign trade, Role of International Institutions-IDBI, ADB, World Bank, IMF -Foreign Trade - FIIs and FDIs, Some recent issues of Indian economy

Text books:

1. V.K. Puri (Author), S.K. Mishra, Indian Economy, 36Ed, Himalaya Publishing House, 2018.
2. Uma Kapila, Indian Economy Performance and Policies, 20th Edition, Academy Foundation, 2019.
3. Gaurav Datt and Ashwani Mahajan, Datt and Sundharam's Indian Economy, S.Chand& Co., 2016.

Reference books:

1. Dhingra, I.C., Indian Economy, Sultan Chand, New Delhi, 2014.
2. M. P. Todaro and Stephen C. Smith, Economic Development, 10/e, Indian Edition Published by Dorling Kindersley India Pvt. Ltd. 2012.
3. G. Omkarnath, Economics - A Primer for India - Orient Blackswan, 2012

Web Links

1. https://onlinecourses.nptel.ac.in/noc21_hs51/preview

2. https://www.udemy.com/course/lets-talk-about-the-indian-economy/

3. https://www.udemy.com/course/economics-indian-economy/

CO-PO Mapping

(1: Slight [Low];   **2: Moderate [Medium];**   **3: Substantial [High],**   **'-' : No Correlation)**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
INDIAN ECONOMY-I
V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	2	2	4
Unit-IV	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
INDIAN ECONOMY-I
V-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the features of Indian economy at independence

   (or)

   b) Write brief note on New Economic Reforms

2. a) "Human Development Index is best measure of economic success" Comment?

   (or)

   b) Define the Poverty and distinguish between Absolute and Relative Poverty.

3. a) Discuss Causes and types of Employment in India

   (or)

   b) Critically examine the impact of Covid-19 on Indian Economy

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Demographic Dividend
5. NITI Aayog
6. Sustainable Development
7. Bretton Woods Twins
8. Lorenz Curve
9. Balance of Payment Account
10. Disguise Unemployment
11. Foreign Direct Investment

	Government College (Autonomous) Rajahmundry	**Program & Semester**		
		III -BA (Hons) (V Semester)			
Course Code EHON - 115	TITLE OF THE COURSE **DEVELOPMENT ECONOMICS-I**			
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. The goal of this course is to provide students with the essential tools and concepts of development economics, to prepare them to understand what makes underdevelopment persist and what helps development succeed.

Course Outcomes

CO1	The course begins with a discussion of alternative conceptions of development and their justification.
CO2	To explain development economic growth theories, international trade development theories, and related economic development theories.
CO3	To get good ideas on demographic trends and issues
CO4	The course ends by linking political institutions to growth and inequality by discussing the role of the state in economic development and the informational and incentive problems that affect state governance.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

Unit 1 Conceptions of Development

Alternative measures of development, documenting the international variations in these measures, comparing development trajectories across nations and within them

Unit 2 Growth Models and Empirics

The Harrod-Domar model, the Solow model and its variants, endogenous growth models, and evidence on the determinants of growth

Unit 3 Poverty and Inequality:

Definitions, Measures and Mechanisms Inequality axioms; comparison of commonly used inequality measures; connections between inequality and development; poverty measurement; characteristics of the poor; mechanisms that generate poverty traps, and path dependence of growth processes

Unit 4 Political Institutions and the Functioning of the State The determinants of democracy; Alternative institutional trajectories and their relationship with economic performance; within-country differences in the functioning of state institutions; state ownership and regulation; government failures and corruption

Text books:

1. A. Banerjee, R. Benabou, D. Mookerjee (eds.): Understanding Poverty, Oxford University Press (2006)
2. K. Basu: The Oxford Companion to Economics in India, Oxford University Press (2007)
   A. Deaton: The Great Escape: Health, Wealth and the Origins of Inequality, Princeton University Press (2013)

Reference books:

1. M. Olson: Big bills left on the sidewalk: Why some nations are rich, and others poor, Journal of Economic Perspectives 10, 3-24 (1996)
2. E. Ostrom: Governing the Commons: The Evolution of Institutions for Collective Action, Cambridge University Press (1990)
3. T. Piketty, E. Saez: Inequality in the long run, Science 344, (2014)

Web Links

1. https://pages.nyu.edu/debraj/Courses/GrDev09/Notes/09dnote.pdf

2. https://old.mu.ac.in/wp-content/uploads/2020/09/MA-PART-II-DEV.-ECO.-ENG.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
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CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
DEVELOPMENT ECONOMICS-I
V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
DEVELOPMENT ECONOMICS-I
V-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the measurement of Human Development Index and it's limitations.

    (or)

    b) Discuss determination of economic development

2. a) Explain the Harrod-Domar model.

    (or)

    b) Define the poverty line and discuss the causes and remedial measures of poverty

3. a) Explain state regulations in the performance of the economy.

    (or)

    b) Explain the role of government in mixed economy.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Physical Quality of Life Index (PQLI)

5. Economic growth and Economic development

6. Solow model

7. Technical progress in economic growth model

8. Gini-coefficient

9. Absolute and relative poverty

10. Socialist economy

11. Capitalistic economy

	Government College (Autonomous) Rajahmundry			**Program & Semester** III -BA (Hons) (V Semester)		
Course Code EHON - 116	TITLE OF THE COURSE **PUBLIC ECONOMICS**					
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**	
Pre-requisites:		5	1	0	6	

Course Objectives

1. To understand the economics of government expenditure and taxation. To use economic analysis to predict and verify the effects of government intervention on behaviour of individuals, households, and firms.

2. To discuss the implications of policy for efficiency and equity.

Course Outcomes

CO1	The overall outcome of the course is the development of an understanding of public sector financial resources.
CO2	Understanding of the rationale for the existence of modern governments
CO3	Familiarity with the micro and macro aspects of public expenditure
CO4	Acquaintance with the phenomenon of externality and the role of government.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

Module 1

Economic activities and the state: public goods vs private goods, models of efficient allocation, pure and impure public goods, free riding ; Principle of Maximum Social Advantage.

Module 2

Taxation: Division of tax burden: Expediency Theory, Benefits Received Theory and Ability to Pay Theory ; Incidence of taxes: Theories of Tax Shifting; Effects of Taxation.

Module 3

Public Debt: Public Debt and economic growth, Burden of Debt, Debt Management; Public Expenditure: Wagner's law of increasing state activities, wiseman- Peacock Hypothesis, Classification of Public Expenditure, Canons of Public Expenditure, Effects of Public Expenditure

Module 4

Indian Public Finances: Features and Assessment of the Indian Tax System, A Note on GST; Budget, Deficits and Public **Debt; Fiscal Federalism in India, Finance Commission.**

Text books:
1. J. Hindriks, G. Myles: Intermediate Public Economics, MIT Press, 2006.
2. H. Rosen, T. Gayer: Public Finance, 9th ed., McGraw-Hill/Irwin, 2009.
3. Joseph E. Stiglitz, Economics of the Public Sector, W.W. Norton & Company, 3rd edition, 2000.

Reference books:
1. R.A. Musgrave and P.B. Musgrave, Public Finance in Theory & Practice, McGraw Hill Publications, 5th edition, 1989.
2. John Cullis and Philip Jones, Public Finance and Public Choice, Oxford University Press, 1st edition, 1998.

Web Links
1. cholar.harvard.edu/files/paradisi/files/lecture_notes_paradisi.pdf

2. https://old.mu.ac.in/wp-content/uploads/2014/04/MA-Public-Eco.pdf

CO-PO Mapping

(1: Slight [Low];   **2: Moderate [Medium];**   **3: Substantial [High],**   **'-' : No Correlation)**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
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CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
PUBLIC ECONOMICS
V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	2	3
Unit-II	2	2	4
Unit-III	2	2	4
Unit-IV	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

III– B.A Hons ECONOMICS

PUBLIC ECONOMICS

V-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the principle of maximum social advantage

                  (or)

    b) Critically evaluate the ability to pay theory of taxation

2. a) Explain taxation. What are the difference between Direct taxes and Indirect taxes.

                  (or)

    b) Examine Wagner's law of increasing state activities.

3. a) Discuss the classification and effects of public expenditure on Indian economy.

                  (or)

    b) Explain the functions of Finance Commission and recommendations of 15th Finance Commission.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Distinguish between Public and Private goods
5. Pure and Impure public goods
6. Tax burden
7. Effects of taxation
8. Wiseman- Peacock Hypothesis
9. Canons of Public expenditure
10. GST
11. Public Debt

	Government College (Autonomous) Rajahmundry	**Program & Semester**
		III -BA (Hons) (V Semester)
Course Code EHON - 117	TITLE OF THE COURSE **ECONOMIC HISTORY OF INDIA (1857-1947)**	

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. The course envisages providing a broader perspective on the Indian economy from a historical point of view. The shifts that occurred from time to time in the structure of the Indian economy during the colonial phase and how the country had adjusted to such changes are discussed here.
2. It helps to familiarize the terms like imperialism, colonialism, drain of wealth, land settlements like permanent settlements, zamindari system, economic nationalism etc. which created a mark on Indian economy and society.

CO1	Historical Background of India in the Pre-Colonial Phase Advent of European Powers Expansion of the British Empire in India Expansion of company under major governor Generals
CO2	National Income of India under the Colonial rule Methods of estimating National Income during the British period and after Independenceopulation of India during the British Rule Occupational Structure of Colonial India Urbanization in The Colonial Period
CO3	Agrarian trends in India during the Colonial period- An introduction Agricultural Techniques and Methods used in British India Agriculture production and productivity in the colonial rule
CO4	Advent of Railways Railways on market integration and trade in colonial India Industrialization in India Characteristics of Indian Industries at the time of British rule
CO5	Drain of wealth Rise of economic nationalism External and internal trade Role of state in the imperialistic structure Indian economy at the eve of independence

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

UNIT- 1 Introduction: Colonial India:

Background and Introduction Overview of colonial economy.

UNIT-2. Macro Trends

National Income; population; occupational structure.

UNIT-3. Agriculture

Agrarian structure and land relations; agricultural markets and institutions – credit, commerce and technology; trends in performance and productivity; famines.

UNIT-4. Railways and Industry

Railways; the de-industrialisation debate; evolution of entrepreneurial and industrial structure; nature of industrialisation in the interwar period; constraints to industrial breakthrough; labor relations.

UNIT- 5. Economy and State in the Imperial Context

The imperial priorities and the Indian economy; drain of wealth; international trade, capital flows and the colonial economy – changes and continuities; government and fiscal policy.

Text books:
1. Tirthankar Roy (2011) The Economic History of India 1857-1947. OUP, India.
2. R C Dutt (2000). The Economic History of India under Early British Rule. Routledge, London

Reference books:
1. Sumit Sarkar (2014). Modern India 1885-1947.Pearson, India
2. . Dharma Kumar (2005). The Cambridge Economic History. Orient Longman, New Delhi.

Web Links
1. https://www.academia.edu/12995199/The_Economic_History_of_India_1857_to_1947_by_Tirthankar_Roy_A_Review
2. https://socialsciences.mcmaster.ca/econ/ugcm/3ll3/dutt/EcHisIndia2.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

III– B.A Hons ECONOMICS

ECONOMIC HISTORY OF INDIA (1857-1947)

V-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	1	2
Unit-II	1	1	2
Unit-III	1	2	3
Unit-IV	2	2	4
Unit-V	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

III– B.A Hons ECONOMICS

ECONOMIC HISTORY OF INDIA (1857-1947)

V-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Explain the brief history of British empirical Indian economy.

    (or)

    b) Explain the estimates of National income prior to Independence of India.

2. a) Explain the impact of British on Indian agriculture between 1857-1947

    (or)

    b) Write a short note on the elevation of Railways before Independence.

3. a) Explain the Nature of Industrialization in the inter-war period

    (or)

    b) Explain the theory of drains of wealth.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Colonial economy

5. Occupational structure during British rule

6. Rural indebtedness

7. Major Famines

8. Emergence of Modern Industry

9. Labour industrial unions

10. Major imports during the British rule

11. Broad categories of British government finances in India.

	Government College (Autonomous) Rajahmundry	Program & Semester III -BA (Hons) (VI Semester)			
Course Code EHON-118	TITLE OF THE COURSE **INDIAN ECONOMY-II**				
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objectives

1. This course focuses on leading issues of Indian economic development with reference to potential for growth, obstacles and policy responses

2. The course also covers the sector specific problems and polices of Agriculture, Industrial and Service sectors

Course Outcomes

CO1	To have a familiarize about Fiscal Policy and Monetary Policy
CO2	To identify the reasons for Agrarian Distress
CO3	To understand the trends and patterns in industrial development
CO4	To have a broad understanding about trends and performance of service sector
recent	To know the recent issues in Indian economy I.e., Aatmanirbar Bharat

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

Unit-I: Macroeconomic Policies and Their Impact

Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation, financial sector reforms, Financial Inclusion

Unit-II. Policies and Performance in Agriculture

Growth; productivity; agrarian structure and technology Problems of Agrarian Economy; capital formation; trade; pricing and procurement, Food Security, India and WTO regulations: Inward and outward analysis

Unit-III Policies and Performance in Industry

Growth; productivity; diversification; small scale industries MSME Sector, public sector; competition policy; foreign investment, Trends and patterns in Industrial development.

Unit-IV Trends and Performance in Services

Structural Transformation and Performance of Service Sector; Issues of Service Sector. Banking Sector Reforms, IT & ITeS sector, Economic initiatives by government of India during COVID - Atmanirbhar Bharat package.

Text books:

1. V.K. Puri (Author), S.K. Mishra, Indian Economy, 36Ed, Himalaya Publishing House, 2018.
2. Uma Kapila, Indian Economy Performance and Policies, 20th Edition, Academy Foundation, 2019.
3. Gaurav Datt and Ashwani Mahajan, Datt and Sundharam's Indian Economy, S.Chand& Co., 2016.

Reference books:

1. Dhingra, I.C., Indian Economy, Sultan Chand, New Delhi, 2014.
2. M. P. Todaro and Stephen C. Smith, Economic Development, 10/e, Indian Edition Published by Dorling Kindersley India Pvt. Ltd. 2012.
3. G. Omkarnath, Economics - A Primer for India - Orient Blackswan, 2012

Web Links

1. https://onlinecourses.nptel.ac.in/noc21_hs51/preview

2. https://www.udemy.com/course/lets-talk-about-the-indian-economy/

3. https://www.udemy.com/course/economics-indian-economy/

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	2	3
Unit-II	2	2	4
Unit-III	1	2	3
Unit-IV	2	2	4
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
INDIAN ECONOMY-II
VI-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Distinguish between Fiscal & Monetary Policy

(or)

 b) Write brief note on problems of Agrarian Economy in India

2. a) Discuss the role of Industrial sector in economic development?

(or)

 b) "Nutritious Food Security is the need of the Hour" Comment?

3. a) Discuss the Banking sector reforms in India

(or)

 b) Critically examine the role of IT& ITES in the growth of Indian economy

II) ANSWER ANY FOUR OF THE FOLLOWING   **4X5=20**

4. Financial Inclusion
5. Industrial Policy Resolution of 1956
6. Import Substitution Policy
7. National Food Security Act-2013
8. Evergreen Revolution
9. MSME Sector
10. Agrarian Distress
11. Aatmanirbhar Bharat

![logo]	**Government College (Autonomous) Rajahmundry**	**Program & Semester**
Course Code **EHON-119**	TITLE OF THE COURSE **DEVELOPMENT ECONOMICS-II**	III -BA (Hons) (VI Semester)

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objective

The goal of this course is to provide students with the essential tools and concepts of development economics, to prepare them to understand what makes underdevelopment persist and what helps development succeed.

Course Outcomes

CO1	Demonstrate familiarity with some central themes and issues of economic development.
CO2	Demonstrate the understanding of the difference between growth and development, major growth theories, the measurement of inequality, significance of agriculture in developing countries, poverty and population issues facing the world, international trade, and importance of foreign aid.
CO3	Analyse empirical evidence on the patterns of economic development.
CO4	Read critically the journal literature in the area of economic development.
CO5	To know the economic reforms

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development	🟥	Employability	🟨	Entrepreneurship	🟩

Course Outline:

UNIT-1 **Demography and Development**

Demographic concepts; birth and death rates, age structure, fertility and mortality; demographic transitions during the process of development; gender bias in preferences and outcomes and

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evidence on unequal treatment within households; connections between income, mortality, fertility choices and human capital accumulation; migration.

UNIT- 2. Land, Labor and Credit Markets

The distribution of land ownership; land reform and its effects on productivity; contractual relationships between tenants and landlords; land acquisition; nutrition and labor productivity; informational problems and credit contracts; microfinance; interlinkages between rural factor markets.

UNIT-3 **Individuals, Communities and Collective Outcomes**

Individual behavior in social environments, multiple social equilibria; governance in organizations and in communities; individual responses to organizational inefficiency.

UNIT- 4. Environment and Sustainable Development

Defining sustainability for renewable resources; a brief history of environmental change; common-pool resources; environmental externalities and state regulation of the environment; economic activity and climate change.

UNIT- 5. Globalization

Globalization in historical perspective; the economics and politics of multilateral agreements; trade, production patterns and world inequality; financial instability in a globalized world.

Text books:
1. Debraj Ray, Development Economics, Oxford University Press, 2009.
2. Partha Dasgupta, Economics, A Very Short Introduction, Oxford University Press, 2007.

Reference books:
1. Albert O. Hirschman, Exit, Voice and Loyalty: Responses to Decline in Firms, Organizations and States, Harvard University Press, 19
2. Dani Rodrik, The Globalization Paradox: Why Global Markets, States and Democracy Can't Coexist, Oxford University Press, 2011.

Web Links
1. https://ebooks.lpude.in/arts/ma_economics/year_2/DECO501_ECONOMICS_OF_GROWTH_AND_DEVELPOMENT_ENGLISH.pdf
2. https://www.studocu.com/row/document/university-of-nairobi/building-information-management/development-economics-notes/18001731

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
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CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
DEVELOPMENT ECONOMICS-II
VI-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs　　　　　　　　　　　　　　　　　**Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	1	1	2
Unit-IV	1	2	3
Unit-V	1	1	2
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

III– B.A Hons ECONOMICS

DEVELOPMENT ECONOMICS-II

VI-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Write about the Demographic transition model in the process of economic development.

(or)

   b) Write are the basic characteristics of demography in economic development

2. a) Critically evaluate the land reforms in India.

(or)

   b) Explain individual behaviour in social environment.

3. a) Write an essay on renewable resources of economy.

(or)

   b) Write a short note an impact of globalisation on Indian economy.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Infant Mortality Rate
5. Migration
6. Micro finance
7. Farmer contract Act
8. Corporate Social Responsibility (CSR)
9. Sustainable development goals
10. Climate change
11. WTO

	Government College (Autonomous) Rajahmundry	**Program & Semester**
Course Code **EHON-120**	TITLE OF THE COURSE **INTERNATIONAL ECONOMICS**	III -BA (Hons) (VI Semester)

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objective

Understand the effect of international trade on welfare and income distribution. Analyse the role of firm heterogeneity in international trade. Interpret the relationship between international trade and regional inequality. Discuss price levels, output and exchange rates in the long and short run.

Course Outcomes

CO1	To acquire the analytical methods needed and understanding of how and when to apply different models and approaches to events in the world economy.
CO2	To provide an understanding of the intellectual and practical problems that arise from the economic interaction between countries.
CO3	To offer explanations of the international pattern of trade and specialisation and of the reasons why similar economies often trade more with each other than with dissimilar ones
CO4	To provide an account of the sources of the gains from trade.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

Module 1

International Trade Theory: The law of comparative advantage, factor endowments and hecksher – Ohlin theory; Terms Of Trade, economic growth and international trade.

Module 2

International trade policy: Trade Restrictions, Tariff and Non Tariff Barriers and The New Protectionism;International Trade Agreements, GATT and WTO; Economic Integration: Customs Unions and Free Trade Areas

Module 3

Balance of Payments Accounting, Foreign Exchange Markets and Exchange Rates, Exchange Rate Determination: Fixed and Flexible Exchange Rate Systems, Purchasing Power Parity Theory.

Module 4

Aggregate Demand in an Open Economy under Fixed and Flexible Exchange Rates; International Monetary system: The gold standard system and the Britain woods system, Present International Monetary System , International Monetary Fund

Text books:

1. Paul Krugman, Maurice Obstfeld, and Marc Melitz, International Economics: Theory and Policy, Addison-Wesley (Pearson Education Indian Edition), 9th edition, 2012.

Reference books:

1. Dominick Salvatore, International Economics: Trade and Finance, John Wiley International Student Edition, 10th edition, 2011.

Web Links

1. https://ddceutkal.ac.in/Syllabus/MA_Economics/ECO-3.3-International_Economics.pdf

2. https://www.ifn.se/wfiles/wp/wp463.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

III– B.A Hons ECONOMICS

INTERNATIONAL ECONOMICS

VI-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   **Max. Marks: 50**

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	2	2	4
Unit-II	1	2	3
Unit-III	2	2	4
Unit-IV	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM
III– B.A Hons ECONOMICS
INTERNATIONAL ECONOMICS
VI-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Critically evaluate Heckser-Ohlin theory of International trade

                         (or)

    b) Define terms of trade. How terms of trade is determined.

2. a) Explain the role of GATT and establishment of WTO

                         (or)

    b) Define Balance Of Payments and discuss features of Balance Of Payments

3. a) Explain about Purchasing power parity theory

                         (or)

    b) Explain the Role of IMF in International Liquidity.

II) ANSWER ANY <u>FOUR</u> OF THE FOLLOWING   **4X5=20**

4. Leontief paradox
5. Economic growth
6. Non-tariff barriers
7. Concept of International trade
8. Balance of Trade
9. Flexible exchange rate
10. Functions of Foreign exchange market
11. Bretton-Wood system

	Government College (Autonomous) Rajahmundry	**Program & Semester** III -BA (Hons) (VI Semester)			
Course Code EHON-121	TITLE OF THE COURSE **PROJECT**				
Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:					

	Government College (Autonomous) Rajahmundry	**Program & Semester**
		I –B.Sc
Course Code ECO- 121	TITLE OF THE COURSE **BASICS OF BUSINESS ECONOMICS**	MSAS (I Semester)

Teaching	Hours Allocated: 60 (**Theory**)	**L**	**T**	**P**	**C**
Pre-requisites:		5	1	0	6

Course Objective

To integrate the concept of price and output decisions of firms under various market structure. The objective of this course is to impart the knowledge of economics as a subject and its importance while business. The business decisions are made scientifically on the basis of all available information.

Course Outcomes

CO1	Students will be able to understand and identify the economic variables in general business atmosphere.
CO2	Students will perceive the knowledge about Economics at Micro level and various economic concepts such as Opportunity cost, Marginal Concepts, Demand Function and Law of Variable Proportion.
CO3	Learners will comprehend the relationship between various policies of business.
CO4	Student will accomplish the identical Short Run and Long Run Equilibrium of a firm and industry and also about different market structure and various pricing techniques
CO5	To analyze operations of markets under varying competitive conditions and make optimal business decisions.

Course with focus on employability / entrepreneurship / Skill Development modules

Skill Development		Employability		Entrepreneurship	

Course Outline:

Unit-I   Hours:12
Nature and scope of economics – Methodology in economics – Concepts of Demand and Supply – Elasticity of demand – price, income, cross. Market Demand

Unit-II   Hours:12

Cardinal and Ordinal approaches – Law of Diminishing Marginal utility – Indifference curve –Consumer's equilibrium– Properties of Indifference curves

Unit-III   Hours:12

Market forms – Perfect and Imperfect Markets –Features of various markets – Monopoly, Monopolistic Competition, and Oligopoly – Notion of Controlled and Administered prices-collusion of Oligopoly

Unit-IV   Hours:12

Concepts of Payback period – Average Annual Rate of return – Net Present Value – Internal Rate of Return criterion – Elements of Social Cost Benefit analysis-Social Welfare

Unit-V   Hours:12

National income and social accounts – concept and measurement of national income – Introduction to Macroeconomic policy and Money and monetary institutions…. RBI, Commercial banks – Concept of Insurance, Stock exchanges, SEBI, Nature, characteristics and phases of Trade cycles – Control of Trade Cycles-Credit Creation of Commercial Banks

Text books:
1. CT-7 study material of Institute of Actuaries of India
2. Ackley (1976) Micro Economics – Theory and policy, Macmilan publishing company,   Newyork.

Reference books:
1. Gupta S.B (1994), Monetary Economics, S.Chand& Co., New Delhi.4. Heijdra B.J. and F.V.Ploeg (2001) Foundations of Modern Economics, Oxford University Press, Oxford.

Web Links
1. https://www.geektonight.com/business-economics-notes-pdf/

2. https://www.icsi.edu/media/webmodules/BUSINESS%20ECONOMICS.pdf

CO-PO Mapping

(1: Slight [Low];   2: Moderate [Medium];   3: Substantial [High],   '-' : No Correlation)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	3	2	3	2	3			
CO2	3	2	3	2	3	2	3	2	3	2			
CO3	3	2	3	2	3	2	3	3	3	3			
CO4	3	3	3	3	2	3	2	3	2	3			
CO5	3	3	3	3	2	3	2	3	2	3			

I– B.Sc MSAS

BASICS OF BUSINESS ECONOMICS

I-SEMESTER END EXAMINATIONS

Time: 2 ½ Hrs   Max. Marks: 50

BLUE PRINT

Unit	Essays (10 marks)	Short Answers (5 marks)	Total Questions
Unit-I	1	2	3
Unit-II	1	1	2
Unit-III	2	2	4
Unit-IV	1	1	2
Unit-V	1	2	3
Total Marks	60	40	100

GOVERNMENT COLLEGE (AUTONOMOUS): RAJAHMAHENDRAVARAM

I– B.Sc MSAS

BASICS OF BUSINESS ECONOMICS

I-SEMESTER END EXAMINATIONS

TIME: 2 ½ HOURS   **MAX MARKS: 50**

SECTION-A

ANSWER ALL THE QUESTIONS   **3X10=30**

1. a) Define Economics. And explain the nature and scope of Economics.

(or)

 b) Explain the Law of diminishing marginal utility.

2. a) Define market and explain the classifications of markets.

(or)

b) How price is determined under Monopoly

3. a) Explain the different methods of computations of national income.

(or)

b) What is trade cycle? Explain the different phases of Trade cycles.

II) ANSWER ANY FOUR OF THE FOLLOWING   4X5=20

4. Micro-Macro Economics
5. Cardinal and Ordinal Utility
6. Oligopoly
7. Social Welfare
8. Imperfect Market
9. Determinants of supply
10. Concept of Insurance
11. Functions of Commercial Banks