KALAIGNAR KARUNANITHI GOVERNMENT ARTS COLLEGE

FOR WOMEN(AUTONOMOUS)

(Affiliated to Bharathidasan University & Reaccredited with B++ by NAAC)

Sathiyamoorthi Road,

PUDUKKOTTAI - 622 001

BOARD OF STUDIES 2022

PG & RESEARCH DEPARTMENT OF ECONOMICS

31/03/2021

KALAIGNAR KARUNANIDHI GOVERNMENT ARTS COLLEGE FOR WOMEN, (A) PUDUKKOTTAI.
(RE-accredited with B++ By NAAC), Pudukkottai- 622 001
PG & Research   Department of Economics.

Board of Studies Meeting

Date: 30/05/2022
Venue: Economics Department
Time: 10.00 am.

Agenda

    Item – 1: To Approve the choice based credit system syllabus for B.A Economics for the year 2022- 2023.

    Item – 2: To approve the choice based credit syllabus for M.A Economics for the year 2022- 2023.

    Item – 3: To approve the choice based credit syllabus for M. Phil Economics for the year 2022- 2023.

Chairperson

KALAIGNAR KARUNANIDHI GOVERNMENT ARTS COLLEGE FOR WOMEN, (A)PUDUKKOTTAI.
(RE-accredited with B++ By NAAC), Pudukkottai- 622 001
PG & Research   Department of Economics.

Submitted to the Principal.

SUB: Minutes of the meeting - Board of Studies – Placing at Academic Council – For Approval – Reg

Minutes of the meeting of Board of studies, Department of Economics, Kalaignar Karunanidhi Government Arts College for Women (Autonomous), Pudukkottai is held on 30th May 2022 at 10.00 am in the Department of Economics.

Members Present:

- Mrs. N.S. Sumathi   --   Chairman

- Dr. R. Rajendran   --   University Nominee

- Dr. S. Rajendran   --   Subject Expert

- Dr. T. Indra   --   Subject Expert

- Mrs.M. Raja Maheswari   --   Industrialist

- Dr. D. Pushpalatha   --   Member

- Dr. R. Kunjammal   --   Member

- Dr. J. Shyamaladevi   --   Alumini

]

The following resolutions are passed in the meeting

Item – 1:
To approve the choice based credit system, course pattern, syllabus and question paper pattern for B.A Economics for the year 2022- 2023.

Resolved to approve the choice based credit system, course pattern, syllabus and question paper pattern for B.A Economics for the year 2022- 2023.

Item – 2:
To approve the choice based credit system, course pattern, syllabus and question paper pattern for M.A Economics for the year 2022- 2023.
Resolved to approve the choice based credit system, course pattern, syllabus and question paper pattern for M.A Economics for the year 2022- 2023.

Item – 3:
To approve the choice based credit system, course pattern, syllabus and question paper pattern for M.Phil Economics for the year 2022- 2023.

Resolved to approve the choice based credit system, course pattern, syllabus and question paper pattern for M.Phil Economics for the year 2022- 2023.

Members Present:

- Mrs. N.S. Sumathi   --   Chairman
- Dr. R. Rajendran   --   University Nominee
- Dr. S. Rajendran   --   Subject Expert
- Dr. T. Indra   --   Subject Expert
- Mrs. M. Raja Maheswari   --   Industrialist
- Dr. D. Pushpalatha   --   Member
- Dr. R. Kunjammal   --   Member
- Dr. J. Shyamaladevi   --   Alumini

KALAIGNAR KARUNANITHI GOVERNMENT ARTS COLLEGE FOR WOMEN,(A)PUDUKKOTTAI
(RE-accredited with B++ By NAAC), Pudukkottai- 622 001.
Department of Economics
Board of Studies meeting for UG on 30/05/2022 Time: 10: am
2022-2023.
The Board resolved to approve the common course pattern recommended by
Bharathidasan University. After thorough discussion the Board framed the syllabi for UG to be offered under CBCS
from the Academic year 2022-23 on wards.
Mode of Evaluation for Part III and Part
The CIA Marks 25 and the Semester Examination Marks 75
Part – A (No – Choice) 10x2=20
Part- B (Either –or) 5x5=25
Part C (Open – Choice) 3x10=30

Submitted to the Principal:

S.NO	Status	Name of the Experts	Signature
1	Chairman	Mrs. N.S. Sumathi Associate Professor & Head Kalaignar Karunanidhi Government Arts College for Women (A), Pudukkottai.	
2	University Nominee	Dr.R. Rajendran Principal, Government Arts College, Manalmedu Mayladuthurai. Cell: 9443396126	
3	Subject Experts	Dr. S. Rajendran Professor and Head Department of Economics, The Gandhi Gram Rural Institute, Gandhi Gram. 624 302. Dindugul District. Cell: 9894602551	
		Dr. T. Indra Assistant Professor Department of Mathematical Economics	

4	Subject Experts	Madurai Kamarajar University, Madurai. 625 021 Cell: 8838312214	
5	Industrialist	M. Raja Maheswari Jayem Industries No.121 part 3A, 3B,5C, Pudukkudi North, Thanjavur District. Cell: 8220260342	
6	Faculty Member	Mrs. D. Pushpalatha, Assistant Professor Kalaignar Karunanidhi Government Arts College for Women (A), Pudukkottai.	
7	Faculty Member	Dr. R. Kunjammal Assistant Professor Kalaignar Karunanidhi Government Arts College for Women (A), Pudukkottai.	
8	Alumini Member	Dr. J. Shyamaladevi M.A.M.Phil PGDCA.Ph.D MBA, Assistant Professor, Department of Commerce, J.J. College of Arts and Science (A), Pudukkottai. Cell: 6381244946	

KALAIGNAR KARUNANITHI GOVERNMENT ARTS COLLEGE FOR WOMEN,(A)PUDUKKOTTAI
(RE-accredited with B++ By NAAC), Pudukkottai- 622 001.
Department of Economics
Board of Studies meeting for PG on 30/05/2022 Time: 10: am
2022-2023.
The Board resolved to approve the common course pattern recommended by
Bharathidasan University. After thorough discussion the Board framed the syllabi for PG to be offered under CBCS from the Academic year 2022-23 onwards.

Mode of Evaluation for Part III and Part

The CIA Marks 25 and the Semester Examination Marks 75

Part – A (No – Choice) 10x2=20

Part- B (Either –or) 5x5=25

Part C (Open – Choice) 3x10=30

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3	Subject Experts	Dr. S. Rajendran Professor and Head Department of Economics, The Gandhi Gram Rural Institute, Gandhi Gram. 624 302. Dindugul District. Cell: 9894602551	
4	Subject Experts	Dr. T. Indra Assistant Professor Department of Mathematical Economics Madurai Kamarajar University,	

		Madurai. 625 021 Cell: 994271088	
5	Industrialist	M. Raja Maheswari Jayem Industries No.121 part 3A, 3B,5C, Pudukkudi North, Thanjavur District. Cell: 8220260342	
6	Faculty Member	Mrs. D. Pushpalatha, Assistant Professor Kalaignar Karunanidhi Government Arts College for Women (A), Pudukkottai.	
7	Faculty Member	Dr. R. Kunjammal Assistant Professor Kalaignar Karunanidhi Government Arts College for Women (A), Pudukkottai.	
8	Alumini Member	Dr. J. Shyamaladevi M.A.M.Phil PGDCA.Ph.D MBA, Assistant Professor, Department of Commerce, J.J. College of Arts and Science (A), Pudukkottai. Cell: 6381244946	

KALAIGNAR KARUNANITHI GOVERNMENT ARTS COLLEGE FOR WOMEN,(A)PUDUKKOTTAI
(RE-accredited with B++ By NAAC), Pudukkottai- 622 001.
Department of Economics
Board of Studies meeting for M. Phil on 30/05/2022 Time: 10: am
2022-2023.
The Board resolved to approve the common course pattern recommended by
Bharathidasan University. After thorough discussion the Board framed the syllabi for M. Phil to be offered under CBCS
from the Academic year 2022-23 onwards.

Mode of Evaluation for Part III and Part

The CIA Marks 25 and the Semester Examination Marks 75

Part – A (No – Choice) 10x2=20

Part- B (Either –or) 5x5=25

Part C (Open – Choice) 3x10=30

S.NO	Status	Name of the Experts	Signature
1	Chairman	Mrs. N.S. Sumathi Associate Professor & Head Kalaignar Karunanidhi Government Arts College for Women (A), Pudukkottai.	
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8	Alumini Member	Dr. J. Shyamaladevi M.A.M.Phil PGDCA.Ph.D MBA, Assistant Professor, Department of Commerce, J.J. College of Arts and Science (A), Pudukkottai. Cell: 6381244946	

M.A

ECONOMICS

PG AND RESEARCH DEPARTMENT OF ECONOMICS
PG- Course Pattern
2021-2022

SEM	S.NO	SUB.CODE	TITLE OF THE PAPER	Ins.Hrs	Credit	Total
I	1	21PEC01	Advanced Micro Economic Theory I	6	5	100
	2	21PEC02	Macro Economic Theory I	6	5	100
	3	21PEC03	Statistical Methods for Economic Analysis	6	5	100
	4	21PEC04	Issues in Indian Economy	6	4	100
	5	21PECE1	Banking and Financial Market	6	4	100
			Total	30	23	500
II	1	21PEC05	Advanced Micro Economic Theory II	6	5	100
	2	21PEC06	Macro Economic Theory II	6	5	100
	3	21PEC07	Mathematical Methods	6	5	100
	4	21PEC08	Basic Econometrics	6	4	100
	5	21PECE2	Entrepreneurship Development	6	4	100
			Total	30	23	500
		Self Study Course - 1				100
III	1	21PEC09	International Economics	6	5	100
	2	21PEC10	Research Methodology	6	5	100
	3	21PEC11	Advanced Public Finance	6	5	100
	4	21PEC12	Managerial Economics	6	4	100
	5	21PECE3	Computer Application in Economics	6	4	100
			Total	30	23	500
		Self Study Curse – 2				100
IV	1	21PEC13	Economics of Growth and Development	6	5	100
	2	21PEC14	Human Resource Development	6	4	100
	3	21PECE4	Environmental Economics	6	4	100
	4	21PECE5	Industrial Economics	6	4	100
	5	21PECPR	Project	10	4	100
			Total	30	21	500

Core/Elective/Supportive	CORE COURSE - 1		Hrs	Credit
21PEC01	**Advanced Micro Economic Theory - 1**		**6**	**5**

The main objectives of this course are to:

- Study the basic concept of Micro Economics and General Equilibrium.
- Understand the theory of demand and consumer surplus.
- Impart a basic knowledge of the concept of production and technical process.
- Understand the concept of cost and revenue curves.
- Gain sound knowledge in product pricing under different market situations.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the basic concepts of Micro Economics and General Equilibrium	**K1**
2	Explain the methods of measuring utility and consumer surplus.	**K2**
3	Apply the various production function and technical progress.	**K3**
4	Classify the cost and revenue curves both in the short run and long run.	**K4**
5	Evaluate the determination of price under different market situations.	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	**MICRO ECONOMICS PARTIAL AND GENERAL EQUILIBRIUM**	**18 Hours**

1.1 Micro Economics- Meaning, Importance and limitations.

1.2 Deductive and Inductive method.

1.3 Macro and Micro economics.

1.4 Equilibrium analysis - meaning, significance - Uses and limitations.

1.5General Equilibrium – meaning, Walrasian Model of General Equilibrium- 2x2x2 graphical model of general Equilibrium.

Unit:2	**THEROY OF DEMAND**	

2.1 Cardinal and ordinal approach.

2.2 Indifference Curve Analysis.

2.3 Revealed preference theory – Hicks Revised Theory of demand.

	2.4 Consumer surplus- Hicks four types of consumer surplus		
	2.5 Modern utility - Friedman savage hypothesis -Neumann Morgenstern method of measuring utility.		
Unit:3	**THEORY OF PRODUCTION**		
	3.1 Internal and External Economies.		
	3.2 Internal and External diseconomies.		
	3.3 ISO - Quant approach		
	3.4 Cobb Douglas production function.		
	3.5 CES production function -Technical progress.		
Unit:4	**COST AND REVENUE CURVES**		
	4.1 Cost-Meaning - Types of Costs –Fixed & variable- Total, Average and Marginal cost curves.		
	4.2 Derivation of LAC and LMC.		
	4. 3 Expansion path- Meaning- Explanation		
	4.4 Revenue concept – Average and marginal revenue- Relationship between Average and marginal revenue.		
	4.5 Importance of revenue curves.		
Unit:5	**PRODUCT PRICING**		
	5.1Perfect competition.		
	5.2 Monopoly - price determination		
	5.3 Monopsony and Bilateral monopoly		
	5.4 Monopolistic competition features – Short run and long run equilibrium.		
	5.5 Oligopoly – Price determination – kinked demand curve-		
	5.6 Duopoly- Cournet and Edge worth model.		
Unit:6	Expert lectures, online seminars, webinars, Latest happenings News Paper and journal reading.		
Textbook(s)			
1	Jhingan, M.L. (2011), "Micro Economic Theory"(14th Edition) Vrinda Publications (P) LTD. Delhi.		

2	Dewett, K.K. (2005), "Modern Economic Theory",(22nd Revised edition) Syam Lal Charitable Trust, New Delhi.

Reference Books

1	Ahuja, H.L. (2006),"Modern Micro Economics", (15th Edition) S. Chand Company Ltd. Delhi..
2	Dutt and Sundaram (1990) "Micro Economics" S. Chand and Co. Ltd, New Delhi.
3	Agarwal H.S. (2008) "Microeconomic Theory" (7th Edition) Ane Books, New Delhi.
4	Seth M. L. (2001) "Principles of Economics" Lakshmi Narain Agarwal , Agra.
5	Misra and puri (1996) Advanced Micro Economy" Himalaya Publishing house Mumbai.
6	Koutsoyiannis, A. (1974),"Modern Microeconomics", (2nd Edition), Macmillan press, London

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code	Title of the Course	Hours	Credit				
I	21PECO1	Advanced Micro Economic Theory -I	6	5				

Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓	✓	✓	✓			✓
CO3	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CO4	✓	✓	✓			✓	✓	✓	✓	✓
CO5	✓	✓		✓		✓	✓	✓	✓	✓
Number of Matches -42					Relationship – Very High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC02	MACRO ECONOMIC THEORY I	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 2		6	5

The main objectives of this course are to:

- Label on the sector flow of national income, its accounting and factors influencing income at current and constant prices

- Explain the basic Aggregate Supply, Aggregate Demand model of the macro economy
- Apply the main macro economics theories of short run fluctuations and long run growth in the economy
- Classify how the economy is regulated through monetary and fiscal policies
- Measure apply macro principles to solve macro economic problems
- Elaborate on the theories in demand for money

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Find the macroeconomic concepts and variables	K1
2	Explain the basics of national income and Social accounting	K2
3	Identify the significance and impact of multiplier and accelerator.	K3
4	Analyze the Principles behind consumption and investment	K4
5	Assess the relative strength of fiscal and monetary policy for affecting	K5

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	NATIONAL INCOME AND ACCOUNTING	
	1.1Approaches of Macro Economics and variables 1.2 Circular Flow of income in Two, Three and Four sector economy 1.3 Different forms of National Income Accounting 1.4 Social accounting, Input –output accounting, 1.5 Flow of funds accounting and Balance of Payment Accounting	
Unit:2	CONSUMPTION FUNCTION	
	2.1 Psychological Law of Consumption 2.3 Implications of the Law, short-run and long-run Consumption function 2.4 Empirical evidence on Consumption function, Income 2.5 Consumption relationship 2.6 Absolute Income, Relative Income, Permanent Income and Life cycle income Hypotheses and their Reconciliation	
Unit:3	INVESTMENT FUNCTION	
	3.1Marginal Efficiency of Capital and Investment 3.2Long run and short run Marginal Efficiency of Investment and Level of Investment, 3.3 Accelerator Theories namely Simple Investment 3.4 Multiplier, Dynamic Multiplier, 3.5 Accelerator and Super Multiplier.	
Unit:4	SUPPLY OFMONEY	
	4.1 Measures of Money Supply- Theories of Money Supply 4. 2 Monetary Transmission Mechanism and RBI approach in money supply. 4.3 High Powered Money and Money Multiplier. 4.4 Budget Deficits and Money Supply and Control of Money Supply.	

	4.5 Analysis and variations in Money Supply in India.

Unit:5	**DEMAND FOR MONEY**	

5.1 Theories of Demand for Money
5.2 Classical Approach to Demand for Money
5.3 Quantity theory Approach, Fisher's equation, Cambridge Quantity theory
5.4 Keynes Liquidity Preference Approach,
5.5 Transaction, Precautionary and Speculative - Demand for Money, Aggregate Demand for only.

Unit:6	Expert lectures, online seminars, webinars, Latest happenings News Paper and journal reading.	

Textbook(s)

1	"Macro Economics", M.L.Jhingan (2016), 13th Revised Edition, Vrinda Publications Pvt. Ltd., New Delhi.
2	Mithani, D.M. (2003), "**Modern Economic Analysis**", Himalaya Publishing House, Mumbai.
3	Vaish, M.C. (2005), "**Macro Economic Theory**", Vikas Publishing House, New Delhi.
4	Shapiro, E. (2008), "**Macro Economic Analysis**", Galyotia Publications, New Delhi.

Reference Books

1	Ahuja, H.L. (2000), "**Macro Economics**", S. Chand and Company, New Delhi.
2	Seth, M.L. (1999), "**Macro Economics**", Lakshmi Narayan Agarwal Publishers, New Delhi.
3	Macro Economics Theory M.C. VaishVikas Publishing House PLtd.
4	Keynes and PostKeynesian Economics R. D. Gupta and A.S.RanaKayani Publishers.
5	Ackley, (1978) Macro Economics Theory and Policy – Macmillan NewYork.
6	Eden, M. and A. T. Peacock (1967). National Income and Social Accounts Hutchinson University, New York.
7	Keynes, J. M. (1936). The General Theory of Employment Interest and Money: Mac Million, London.
	Gurley and E.S.Shaw. (1960) Money in a Theory of Finance Brookings Institutions

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]

1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours	Credit			
I	21PECO2		Macro Economic Theory -I	6	5			
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓			✓	✓	✓	✓		✓	✓
CO2	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO3	✓	✓	✓		✓	✓		✓	✓	✓
CO4	✓	✓	✓		✓	✓	✓	✓	✓	
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches - 42					Relationship – Very High				

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

course code	21PEC03	STATISTICAL METHODS FOR ECONOMIC ANALYSIS	L	Hrs	Credit
Core/Elective/Supportive		**CORE COURSE - 3**		6	5

The main objectives of this course are to:

- Identify the types of data (Qualitative, Quantitative, discrete, and continuous)
- Know the methods to calculate Correlation and Regression
- Student will use appropriate statistical methods to collect ,organize, display, and analyze relevant data.
- Understand the basic concepts in probability theory
- Analyse the test of significance .

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Find the basic theoretical and applied principles of statistics needed to enter the job force	K1
2	Classify the statistical concepts to non-statistics	K2
3	Make use of proficiency in using statistical software for data analysis.	K3
4	Examine the simple linear regression equation for a set of data	K4
5	Determine the knowledge of classical and repeated measures multivariate methods and computational techniques	K5

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	INTRODUCTION TO STATISTICS	

1.1 Nature and scope of statistics

1.2Need for statistics- Uses of Statistics in Economics- Statistical Enquiry

1.3Census and sampling methods

1.4 Types of data ,Primary and Secondary

1.5 Sources and merits of Data collection

Unit:2	CORRELATION AND REGRESSION ANALYSIS	
	2.1 Correlation- Meaning- Types 2.2 Scatter diagram 2.3 Karl Pearson's Co-efficient of correlation 2.4 Spearman's Rank correlation regression-Meaning and simple & Partial Regression-2.5 Estimation of Regression-Uses of Regression analysis	
Unit:3	TIME SERIES ANALYSIS	
	3.1 Time series Data-Meaning-Nature(X on Y and Y on X) Uses Components-Methods of Estimating Trent line 3.2Types of Variation(Secular, Seasonal, Cyclical, irregular) 3.3 Methods of measuring variations 3.4 Simple Average, Moving Average, Forecasting 3.5 Trend line- Methods of Least	
Unit:4	PROBABILITY THEORY	
	4.1 Random Variables 4.2 Types of Random Variables 4.3 Probability Distribution 4.4 Binomial,Poisson 4.5Normal distribution (Only definition properties without proof and problems)	
Unit:5	TEST OF SIGNIFICANCE	
	5.1 Test of significance-Null and Alternatives 5.2 Type-I and Type II errors, One Tailed and Two tests, Standard Error. 5.3 Large sample and small sample test on mean proportion. 5.4 F and t Test. 5.5 Chi square Test.	
Unit:6	Expert lectures, online seminars, webinars, Latest happenings News Paper and journal reading.	
	Total Lecture hours	
Textbook(s)		
1	Pillai. R.S.N. & Bagavathi (2008), Statistics, Theory and Practice. Sultan Chand Company, New	

	Delhi
2	Gupta.S.P(2010), Statistical Methods. Sultan Chand Company. New Delhi

Reference Books	
1	Pillai. R.S.N. & Bagavathi (2000), Statistics. Sultan Chand & Company, New Delhi
2	Gupta.C.B. Vijay Gupta(1973), An Introduction to Statistical Methods, Vikas Publishing House limited. , New Delhhi
3	Arora.P.N.Sumeet Arora(2007), Comprhensive Statistical Methods, Sultan Chand & Company, New Delhi
4	Gupta.S.P(2010), Statistical Methods. Sultan Chand Company. New Delhi
5	Arumugam(2011), Statistics, New Gamma Publications, Palayankottai
6	Pillai. R.S.N. & Bagavathi (2010), Statistics, Theory and Practice. Sultan Chand Company, New Delhi

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Relationship matrix for Cos, and POSs,

Semester	Code	Title of the Course	Hours	Credit
I	21PECO3	Statistical Methods for Economic Analysis	6	5

Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓	✓		✓	✓		✓	

CO2	✓	✓	✓		✓	✓	✓	✓	✓	✓
CO3	✓		✓	✓	✓		✓	✓		✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓	✓	
CO5	✓	✓		✓		✓		✓	✓	✓
Number of Matches - 40					Relationship - High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC04	Issues in Indian Economy	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 4		6	4

The main objectives of this course are to:

- Understand the demographic features
- Explain the importance of agriculture in Indian Economy
- Note down the critical assessment of Industrialization
- Describe the importance of Foreign Trade
- Evaluate the effect of Inflation.

	Expected Course Outcomes:	
	On the successful completion of the course, the students will be able to:	
1	Define the basic characteristics of Indian economy, its potential on natural resources	**K1**
2	Understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development.	**K2**
3	Identify the importance of planning undertaken by the government of India, have knowledge on the various objectives, failures and achievements as the foundation of the ongoing planning and economic reforms taken by the government	**K3**
4	Analyze the agriculture as the foundation of economic growth and development, analyse the progress and changing nature of agricultural sector and its contribution to the economy as a whole.	**K4**
5	Create aware of the economy as a whole, they would understand the basic features of Mizoram's economy, sources of revenue, how the state government finance its programmes and projects	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	POPULATION	

1.1 Meaning of population – Theory of Demographic Transition Family Planning
1.2 Policies of family planning India under five year plans –
1.3 Good and Bad Effects of rising population in India - Effect of Population
1.4 Control of Population – Trends of Employment
1.5 COVID – 19 Impact- Effect and Remedial measures

Unit:2	AGRICULTURAL ISSUES	

2.1 Role of Agriculture in Indian Economy – Causes for low productivity

2.2 Changes in agricultural policies - Technological changes

2.3 First Green Revolution – Second Green Revolution

2.4 Agricultural Price Policy – Procurement Price

2.5 Public Distribution System – Critical Appraisal

Unit:3	INDUSTRIALIZATION	
	3.1 Industrialization – Meaning – Industrial Policy – Industrial policy 1991 3.2 De-licensing – Role of Industrial Promotion – 3.3 Agencies in Industrial Development 3.4 Industrial Sickness – Causes of Industrial Sickness – Effects of Industrial Sickness 3.5 Remedial Measures of Industrial Sickness	
Unit:4	EXTERNAL SECTOR AND ECONOMIC REFORMS	
	4.1Foreign Trade – Meaning – Importance of Foreign Trade 4.2.Balance of Payments – Favorable and Unfavorable BOP 4.3 FEMA – FERA – Exchange rate policies 4.4 Privatization – Liberalization – Globalization 4.5 World Trade Organization – Foreign Direct Investment.	
Unit:5	INFLATION	
	5.1Meaning of Inflation – Types of inflation 5.2Causes of inflation – Effects of inflation- 5.3 Measures to control Inflation 5.3 Prize stabilization – Pricing policies 5.5Inflationary Gap and Deflation	
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	
Textbook(s)		
1	Dhingra.I.C. (1984) Foundations of Indian Economy, Sultan Chand & Company Limited, New Delhi	

2	Sankaran.S. (1984) Indian Economic Problems ,policies, and Development, Margham Publication, Madras
Reference Books	
1	Dewett.K.K. Varma.J.D..Sharma.M.L. (1990) Indian Economy, Sultan Chand & Company Limited New Delhi.
2	Misra.S.K. Puri.V.K.(1990) Structure and problems of Indian Economy, Himalaya Publishing House, Bombay
3	Ruddar Dutt & Sundaram.K.P.M.(1990) Indian Economy. Sultan Chand & Company Limited, New Delhi
4	Sankaran.S.(1984), Economic Analysis, Shree Karthikeyan Publications. Madras
5	Sankaran.S.(1984), Indian Economy Problems, Policies and Development, Margham Publications, Madras.
6	Dewett.K.K.VarmaJ.D..Sharma.M.L. (1988) Indian Economy, Sultan Chand & Company Limited New Delhi.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours	Credit				
I	21PEC04		Issues in Indian Economy	6	4				
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓		✓	✓	✓	✓	✓		✓	✓
CO2	✓	✓	✓	✓	✓		✓	✓	✓	✓
CO3	✓	✓		✓	✓	✓		✓	✓	✓

CO4	✓	✓	✓	✓	✓	✓		✓	✓	
CO5	✓		✓	✓		✓	✓	✓	✓	
Number of Matches - 40					Relationship - High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PECE1	BANKING AND FINANCIAL MARKET	L	Hrs	Credit
Core/Elective/Supportive		ELECTIVE COURSE - 1		6	4

The main objectives of this course are to:

- Know the basic concepts of Banks.
- Acquire knowledge about the central Banks
- Study the various agricultural financial institutions.
- Perceive the values of money market.
- Gain knowledge about the functioning of SEBI

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the strong foundation in bank related aspects	**K1**
2	Demonstrate the function of central bank and credit control	**K2**
3	Apply the agricultural policies and its effect on co-operative marketing	**K3**
4	Analyze the importance of money markets and its functions	**K4**
5	Creating awareness about the capital market and stock exchanges	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	**BASIC CONCEPT OF BANKING**	

   1.1 Definition of bank – Kinds of bank

   1.2   Relationship between banker and customer

   1.3 statutory obligation to honor the cheque of customer

   1.4 Cheque – crossing – Endorsement – payment and collection of cheques

   1.5   ATM – Credit card – debit card. Automatic teller machines – Features – Types.

   1.6 Credit card – Debit card.

Unit:2	**CENTRAL BANK**	

   2.1 Central bank – function of central bank

   2.2 Objectives of central banks-

   2.3 limitation of central banks – Credit control

   2.4 methods of credit control – qualitative Control

   2.5 quantitative Control – Central bank rate- Repo and Reverse repo rate.

Unit:3	AGRICULTURAL FINANCE	
	3.1 Agricultural Refinance Development corporation (ARDC)	
	3.2 Regional Rural banks (RRBs)	
	3.3 National Bank for Agricultural and Rural Development (NABARD)	
	3.4 Co- operative Bank in India.	
	3.5 – Central Co – Operative bank , State co-operative Bank	
Unit:4	MONEY MARKET	
	4.1Money market – meaning - Definition	
	4.2 Characteristics of money market	
	4.3 Difference between capital market and money market - Functions of money market	
	4.4 Components of money market	
	4.5 Instrument of Indian money market	
	4.6 Weakness of Indian Money Market	
	4.7 Measures to correct weakness of Indian money market.	
Unit:5	CAPITAL MARKET	
	5.1 Capital market – meaning – Definition	
	5.2 Characteristics of capital market	
	5.3 Function of capital market	
	5.4 Constitutions of Indian capital market	
	5.5 SEBI – Functions of SEBI- Powers of SEBI-	
	5.6 Guidelines of SEBI	
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	
Textbook(s)		
1	Radhaswami.M.& Vasudevan.S.V.(19910) A Textbook on Banking. Sultan Chand & Company,	

	New Delhi
2	Vaish M.C. (1978), Modern Banking, Oxford & IBH Publishing Company, New Delhi
1	Ujjwala Shahi(2013) Banking in India, New Century Publications, New Delhi
2	Sundharam K.P.M. & Varshney(1993) Banking and Financial System, Sultan Chand & Company, New Delhi
3	Mithani.D.M. (1990) Money, Banking International Trade and Public Finance, Himalaya Publishing House, Mumbai.
4	Vasant Desai.(1988) Development Banking , Himalaya Publishing House ,Mumbai
5	Navin Chandra Josh(1978) Indian Banking, Ashish Publishing House New Delhi.
6	Hajela.T.N.. (2013) Money, Banking International Trade and Public Finance, Ane Books, New Delhi.
7	Ajit Singh (1986) Career in Banking. Sterling Publishers and private limited. Banglore.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code			Title of the Course		Hours		Credit		
I	21PECE1			Banking and Financial Market		6		4		
Course Outcomes	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5

(Cos)										
CO1	✓	✓		✓	✓	✓	✓	✓		✓
CO2	✓		✓	✓	✓		✓	✓	✓	✓
CO3		✓	✓		✓	✓		✓		✓
CO4	✓		✓	✓	✓	✓		✓	✓	
CO5	✓	✓		✓	✓	✓	✓	✓	✓	✓
Number of Matches -38					Relationship – High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC05	**ADVANCED MICRO ECONOMIC THEORY II**	L	Hrs	Credit
Core/Elective/Supportive		**CORE COURSE - 5**		6	5

The main objectives of this course are to:

- Understand the basic concepts of distribution.
- Study the behavioural and managerial theories of the firm
- Examine the factor pricing under different market situations.
- Impart a basic knowledge of the concept of welfare economics.
- Gain knowledge in the concept of risk and uncertainty.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the personal and functional distribution of income	**K1**
2	Classify the Sales and growth maximization in managerial theories of firm.	**K2**
3	Identify the price determination of factors in various market situations.	**K3**
4	Analyze the basis of the welfare economics	**K4**
5	Evaluate the concept of risk and uncertainty and individual consumer behavior towards risk gambling and insurance	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	**THEORY OF DISTRIBUTION**	

1.1 Distribution- Meaning- Personal Distribution and Function Distribution.

2.2 Marginal productivity Theory of Distribution.

2.3 Ricardian Theory of rent - Marxian Theory of distribution.

2.4 Keynesian and kaldor's Theory of distribution.

	2.5 kalecki's Degree of Monopoly Theory.	
Unit:2	**BEHAVIOURAL AND MANAGERIAL THEORIES OF FIRM**	
	.1 Simon's satisficing theory.	
	2.2 Behavioural theory of Cyert and March.	
	2.3 Williamson's managerial discretion model.	
	2.4 Marris growth maximization model.	
	2.5 Baumol's sales maximization model.	
Unit:3	**FACTOR PRICING**	
	3.1 Meaning –Product and factor pricing.	
	3.2 Difference between product and factor pricing	
	3.3 Factor pricing under perfect competition.	
	3.4 Factor pricing under imperfect competition- Monopolistic	
	3.5 Monopsony	
Unit:4	**WELFARE ECONOMICS**	
	4.1 Welfare - meaning - economics and general welfare	
	4.2 Classical and Marshallian welfare .	
	4.3 New welfare economics - paretian optimum.	
	4.4 Kaldor -Hicks – Scitovsky.	
	4.5 Arrow's Impossibility theorem - Social welfare function.	

Unit:5	ECONOMICS OF RISK & UNCERTAINTY	
5.1 Risk - Meaning Individual consumer behavior towards risk		
5.2 Gambling- Insurance.		
5.3 Individual attitudes to gambling		
5.4 Choice between insurance and gambling measurement		
5.5 Measuring market risk and specific risk		
Unit:6	Expert lectures, online seminars – webinars- Latest Happenings- Newspaper and journal Reading.	
	Total Lecture hours	

Textbook(s)

1	Jhingan, M.L. (2011), "Micro Economic Theory"(14th Edition) Vrinda Publications (P) LTD. Delhi.
2	Dewett, K.K. (2005), "Modern Economic Theory",(22nd Revised edition) Syam Lal Charitable Trust, New Delhi.

Reference Books

1	Ahuja, H.L. (2006),"Modern Micro Economics", (15th Edition) S. Chand Company Ltd. Delhi..
2	Dutt and Sundaram (1990) "Micro Economics" S. Chand and Co. Ltd, New Delhi.
3	Agarwal H.S. (2008) "Microeconomic Theory" (7th Edition) Ane Books, New Delhi.
4	Seth M. L. (2001) "Principles of Economics" Lakshmi Narain Agarwal , Agra.
5	Misra and puri (1996) Advanced Micro Economy" Himalaya Publishing house Mumbai.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]

1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code	Title of the	Hours	Credit

		Course		
II	21PEC05	Advanced Micro Economic Theory – II	6	5

Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓		✓	✓	✓	✓	✓		✓
CO2	✓	✓	✓	a)	✓	✓	✓	✓	✓	✓
CO3	✓	✓		✓		✓	✓		✓	✓
CO4	✓	✓	✓	✓		✓		✓		✓
CO5	✓	✓	✓	✓	✓	✓		✓	✓	✓
Number of Matches -40						Relationship -High				

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC06	MACRO ECONOMIC THEORY II	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE: 6		6	05

- **The main objectives of this course are to:**
- Describe the main macroeconomics theories of short term fluctuations and long term growth in the economy
- Make students the functioning of economy at the macro level
- Critically evaluate the consequences of basic macro economics policy options under differing economic conditions within a business cycle.
- Identify the determinants of various macroeconomic aggregates such as output, unemployment, inflation, productivity and the major challenges associated with the measurement of theses aggregates.
- Discuss the linkages between financial markets and the real economy, and how theses linkages influence the impact of economic policies over differing time horizons

Expected Course Outcomes:	
On the successful completion of the course, the students will be able to:	

1	Define the macroeconomic concepts and variables.	**K1**
2	Explain the idea about aggregates and their significance.	**K2**
3	Apply the theoretical background of macro economics	**K3**
4	Analyze the causes and consequences of business cycles-	**K4**
5	Evaluate the students know and understand various theories.-	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	**POST KEYNESIAN THEORIESOF DEMAND FOR MONEY**	

1.1 Post-Keynesian Approaches to Demand for Money
1.2 Patinkin's Monetary Model
1.3 Real Balance Effect, Approaches of Baumol and Tobin,
1.4 Friedman and the Modern -Quantity theory,
1.5Crisis in Keynesian Economics and the revival of Monetarism.

Unit:2	NEW CLASSICAL AND KEYNESIAN SYNTHESIS	
	2.1 Neo Classical and Keynesian Views on Interest 2.2 The IS-LM Model 2.3 Extension of IS-LM Model with Government Sector 2.4 Relative effectiveness of Monetary and Fiscal policies 2.5 IS-IM Model in Open Economy	
Unit:3	THEORY OF INFLATION	
	3.1 Classical, Keynesian and Monetarist Approaches to Inflation 3.2 Structural Theory of Inflation, Philips Curve Analysis 3. 3 Short run and Long run Philips Curve 3.4 The Natural Rate of Unemployment Hypothesis 3.5 Tobin's Modified Philips Curve and Policies to Control Inflation.	
Unit:4	BUSINESS CYCLES	
	4.1 Business Cycle – Meaning 4.2 Schumpeter, Samuelson 4.3 Hicks& Kaldor, Interaction of Multiplier 4.4 Acceleration Model, Control of business cycles 4.5 Relative Efficiency of Monetary and Fiscal Policies.	
Unit:5	NEW CLASSICAL MACRO ECONOMICS	
	5.1New Classical Macro Economics Approach 5.2 Policy implications of New Classical Approach 5.3 Rational Expectation theory 5.4Adaptive Expectations 5.5Macro stabilization policies and Introduction to New Keynesian Economics	
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	
Textbook(s)		
1	Macro Economics", M.L.Jhingan (2016), 13th Revised Edition, Vrinda Publications Pvt. Ltd., New Delhi.	
Reference Books		
1	Macro Economic Theory and Policy, D.N. Dwivedi (2007), 3rd Edition, McGraw, Hill book	

	Company Pvt. Ltd., Singapore.
2	Macro Economic Theory and Policy, Dr. H.L. Ahuja (2009), S.ChandAnd Company Pvt. Ltd., New Delhi.
3	Macro Economics, M.L.Jhingan (2016), 13th Revised Edition, Vrinda Publications Pvt. Ltd., New Delhi.
4	Keynes, J. M. (1936). The General Theory of Employment Interest and Money: Mac Million, London.
5	Ackley, (1978) Macro Economics Theory and Policy – Macmillan NewYork.
6	Eden, M. and A. T. Peacock (1967). National Income and Social Accounts Hutchinson University, New York.
7	Gurley and E.S.Shaw. (1960) Money in a Theory of Finance Brookings.
8	Keynes and Post Keynesian Economics R. D. Gupta and A.S.RanaKayani Publishers.
9	Macro Economics Theory M.C. VaishVikas Publishing House PLtd.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code	Title of the Course	Hours	Credit
II	21PEC06	Macro Economic Theory - II	6	5
Course	Programme Outcomes (POs)		Programme Specific Outcomes (PSOs)	

Outcomes (Cos)	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓	✓	✓	✓	✓	✓		✓
CO2	✓	✓	✓		✓	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	✓	✓	✓		✓	✓
CO4	✓	✓	✓	✓	✓		✓	✓	✓	✓
CO5	✓	✓		✓	✓	✓	✓	✓	✓	✓
Number of Matches -45					Relationship – Very High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC07	MATHEMATICAL METHODS	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 7		6	5

The main objectives of this course are to:

- Make the students to know the concept of Mathematics.
- Train the students to apply the mathematical tools like one variable, two variable, differentiation
- Enable the students to calculate the producer and consumer surplus.
- Acquire the knowledge in using mathematical tools
- Construct the various models in Mathematics.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the Foundation of the Mathematics-	K1
2	Explain how to perform derivatives of Differential Calculus	K2
3	Applying the Integration	K3
4	Analyze the value of Matrices	K4
5	Assess the knowledge of various models	K5

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	FUNCTIONS	

    1.1 Nature and scope of mathematical Economics

    1.2 Role of mathematics in economic theory

    1.3 Basic concept – constant variable – equation – linear function

    1.4 Quadratic – cubic – rational – power function – graph

    1.5 Mathematical economics Vs econometrics.

Unit:2	DIFFERENTIAL CALCULUS	

    2.1 Meaning

    2.2 Rules of Differentiation

	2.3 Partial Differentiation	
	2.4 Maxima and Minima of one independent variable	
	2.5 Maxima and Minima of two independent variable	
Unit:3	**INTEGRAL CALCULUS**	
	3.1 Meaning	
	3.2 Some Basic Rules of Integration	
	3.3 Definite Integration	
	3.4 Consumer Surplus	
	3.5 Producer Surplus	
Unit:4	**MATRICES**	
	4.1 Meaning, Types of Matrices 4.2 Transpose of Matrices	
	4.3 Determinants	
	4.4. Cramer's Rule	
	4.5 Input-Output Analysis.	
Unit:5	**ECONOMIC MODELS**	
	5.1 Meaning of Economic Models	
	5.2 Economic Model VS Econometric Model	
	5.3 National Income Analysis	
	5.4 Classical and Neo Classical Growth Models	
	5.5 The Cobweb Model	
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	

Textbook(s)	
1	Bose.D.(2000). Introduction to Mathematics, Himalaya Publishing house, Mumbai
2	Malcolm Pemberton, Nicholas Rau(2017),Mathematics for Economics. An Intrroductory Textbook, Vikas books Mumbai.
Reference Books	
1	TaroYamane(1988), Mathematics for Economics. An Elementary Survey. Prentice hall of Private Limited, New Delhi
2	Thomas.R.L.(1989) Using Mathematics in Economics, Longman House, British Library Cataloguing in Publications. England
3	Alpha.Chiang .Kevin.C .Wainwright.(2013)Fundamental Methods of Mathematical Economics. McGraw Hill Education Private Limited. New Delhi
4	Allen.R.G.D.(1998). Mathematical Analysis for Economics.AITBS publishers and Distributors. New Delhi
5	Akihito Asanto (2013), An Introduction to mathematics for Economics, Cambridge university press, New Delhi
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code	Title of the Course	Hours	Credit

II	21PEC07			Mathematical Methods		6		5		

Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓		✓	✓	✓	✓		✓	
CO2	✓	✓	✓	✓		✓	✓	✓	✓	✓
CO3	✓	✓		✓	✓	✓	✓		✓	✓
CO4	✓	✓	✓	✓		✓	✓		✓	
CO5	✓	✓		✓	✓	✓	✓	✓		✓
Number of Matches - 39					Relationship – High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC08	BASIC ECONOMETRICS	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 8		6	4

The main objectives of this course are to:

- Understand the basic theory of econometrics and relevant application of the methods in economic research.
- Econometrics is a set of research tools used to estimate and test economic relationships.
- The methods taught in this introductory course can also be employed in the business disciplines of accounting, finance, marketing and management and in many social science disciplines
- The methods taught in this introductory course can also be employed in the business disciplines of accounting, finance, marketing and management and in many social science disciplines.
- The aim of this course is to provide you with the skills helpful in filling the gap between being "a student of economics" and being "a practicing economist." By taking this introduction to econometrics you will gain an overview of what econometrics is about, and develop some "intuition" about how things work.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the basic of statistics and probability	**K1**
2	Explain the statistical/econometric computer package to estimate an econometric model and be able to report the results of their work in a non-technical and literate manner	**K2**
3	Make use of linear regression models and be able to distinguish between economic and statistical importance.	**K3**
4	Analyze regression results in applied academic papers and interpret the results	**K4**

	for someone who is not trained as an economist.-	
5	Evaluate the regression analysis	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	**INTRODUCTION TO ECONOMETRIC METHODOLOGY**	

1.1 Definition – Nature and scope of econometrics

1.2 Specification and estimation of econometric model

1.3 Basic concepts for estimation

1.4 Properties of estimators

1.5 Unbiasedness, Efficiency, Consistency and Sufficiency.

Unit:2	**REGRESSION ANALYSIS AND TEST OF SIGNIFICANCE**	

2.1 Statistical Vs. deterministic relationship

2.2 Correlation and regression- estimation of an equation

2.3 Coefficient of determination – maximum likelihood method

2.4 Theoretical distribution
2.5 Testing of hypotheses

Unit:3	**ESTIMATION THEORY**	

3.1 Ordinary least square (OLS) method – Assumptions

3.2 Gauss- Markov theorem

3.3 Simple and Multiple Regression – Auto correlation

3.4 Testing of regression coefficients

3.5 Coefficient of determination.

Unit:4	PROBLEMS IN REGRESSION ANALYSIS	
4.1 Problems of Heteroscedasticity – Elementary ideas on multiple linear regression 4.2Correlation and Multicolinearty-causes – Homoscedasticity and Hetroscedasticity 4.3 Consequences, tests and remedies. 4.4 Specification errors 4.5 Errors of measurement.		
Unit:5	REGRESSION WITH QUALITATIVE INDEPENDENT VARIABLES	
5.1 Dummy variable 5.2 Testing- stability of regression models 5.3 Comparing to regression – Use of dummy variables 5.4 Regression with dummy dependent variables 5.5Simple applications(Theoretical treatment only)		
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	

Textbook(s)

1	Koutsoyiannis.A,,(1992). "Theory of Econometrics: An Introductory Exposition of Econometric Methods", Educational Low-Priced Books Scheme, McMillan Education Ltd
2	Suresh K.Ghose "Econometrics", prentice Hall of India private limited, New Delhi.

Reference Books

1	Singh,Parashar,Singh(1980) , Econometrics, Sultan Chand & Company, New Delhi
2	Rakesh Jalal(2012), Structures of Econometrics, Cybertech Publications, New Delhi
3	Neeraj.Hatekar.R(2010), Principles of Econometrics, Sage Publications, New Delhi.
4	Damodar Gujarathi "Basic Econometrics", Tata MC Graw Hill Ltd,1999.
5	Goldberger A.S. (1998), Introductory Econometrics, Oxford University Press, Cambridge, Mass

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]

1	> Select Subject And module.

References books:

Relationship matrix for Cos, and POSs,

Semester	Code			Title of the Course		Hours		Credit		
II	21PEC08			Basic Econometrics		6		4		
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓		✓	✓	✓		✓	✓
CO2	✓	✓		✓	✓	✓	✓	✓	✓	
CO3		✓	✓	✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓			✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓		✓	✓		✓	
Number of Matches - 40					Relationship – High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PECE2	ENTREPRENERSHIP DEVELOPMENT	L	Hrs	Credit
Core/Elective/Supportive		ELECTIVE COURSE - 2		6	4

The main objectives of this course are to:

- Understand of basic concepts of entrepreneurship
- Criticize the various theories of entrepreneurship
- Define the project formulation and selection
- Discuss project appraisal and design
- How to overcome the problems of women entrepreneurs

Expected Course Outcomes:		
On the successful completion of the course, the students will be able to:		
1	Define the basic concepts of entrepreneurship	**K1**
2	Demonstrate the various theories of Outline basic concepts of entrepreneurship	**K2**
3	Develop the project formulation and selection	**K3**
4	CO4 Analyze the project appraisal and design	**K4**
5	Assess the various developmental schemes supporting women entrepreneurs	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create	
Unit:1	**INTRODUCTION**	
	1.1 Meaning – Definition of entrepreneurs – Characteristics of entrepreneurs	
	1.2 Quality of successful entrepreneurs	
	1.3 Types of entrepreneurs	
	1.4 Function of entrepreneurs	
	1.5 Role of entrepreneurs in Economic development	
Unit:2	**THEORIES OF ENTREPRENEURSHIP**	
	2.1 Conceptual model of entrepreneurs	
	2.2. Theories of entrepreneurship	
	2.3. Schumpeter theory – Walker theory	
	2.4. Peter Drucker theory – Hagen Theory	
	2.5 Mcclelland's Therory	
Unit:3	**PROJECT FORMULATION**	
	3.1. Meaning of Project Formulation	
	3.2. Need for project formulation	
	3.3 Concept of project formulation	
	3.4. Significance of project formulation- Elements of project formulation	
	3.5. Formulation of a project Report- Project selections	
Unit:4	**PROJECT OF APPRAISAL AND DESIGN**	
	4.1. Project Appraisal Meaning- Methods of Project Appraisal	

4.2 Project Design – Need for network analysis- 4.3 Network planning techniques 4.4 Classification – Concept of network analysis 4.5 Construction of network diagram		
Unit:5	**WOMEN ENTREPRENEURS**	
5.1Meaning of women entrepreneur- Function of women entrepreneur 5.2Growth of women entrepreneur-Problems of women entrepreneur 5.3 Rural and urban women entrepreneur 5.4Relationship between women entrepreneurship and empowerment 5.5Institutional and schemes supporting women entrepreneurs (SIDO, DIC, EDI, NIESBUD, SEWA, ALEAP)		
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	

Textbook(s)

1	Balu.V. (1996) Entreprenuerial Development, Sri Venkateswara publications, Madras
2	Jayashree Suresh(2013), Entreprenuerial Development, Margham Publications, Madras.

Reference Books

1	Gupta, Srinivasan.N.P.(1999), Entrprenuerial Development, Sultan Chand & Company Limited New Delhi.
2	Ramachandrasn.K.(2009) Entreprenuership Development, Tata McGraw Hill Educational Private limited, New Delhi
3	Chhikara.M.S. (2007) Entreprenuerial Challenges and Oppurtunities, Anurag Jain for Excel Books, New Delhi
4	Khanka.S.S.(2007),Entreprenuerial Development. Sultan Chand & Company Limited New Delhi.
5	Vasant Desai(2009),Dynamics of Entreprenuership Management, Himalaya Publishing House Mumbai.
6	Dayanandhan.R Nilasco Arputharaj.(2012) Entreprenuership Development and Small Business

	Management, Deep & Deep Publications private limited, New Delhi.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]

1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course		Hours		Credit		
II	21PECE2		Entreprenuership Development		6		4		
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓	✓	✓	✓		✓	✓	✓
CO2	✓		✓	✓		✓		✓	✓	✓
CO3		✓			✓	✓	✓		✓	✓
CO4	✓	✓	✓		✓	✓	✓		✓	✓
CO5	✓	✓	✓	✓		✓	✓	✓		✓
Number of Matches - 39 Relationship – High										

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC09	INTERNATIONAL ECONOMICS	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 9		6	5

The main objectives of this course are to:

- Compare alternative theories of international trade.
- Analyze and test international trade models.
- Read and analysis the nations balance of payment.
- Evaluate the impact of tariff and non tariff barriers.
- Understand how a foreign exchange market operators.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:		
1	Define the basic concepts and the international trade theories..	**K1**
2	Explain the terms of trade and balance of payments	**K2**
3	Apply the components of trade and commercial policies	**K3**
4	Examine the concept of exchange rate and various regimes of exchange rate.	**K4**
5	Perceive the international economic relations.	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	THEORIES OF INTERNATIONAL TRADE	

1.1 Meaning and Definition of International Economics

1.2 Distinguishing features of Inter-regional and International Trade

1.3 Smith‟ s theory of Absolute Differences in Costs

1.4 Ricardo‟s Theory of Comparative Differences in costs

1.5 Haberler‟s Theory of Opportunity Costs

1.6 The Modern Theory of Factor Endowments: The Heckscher – Ohlin Theory

Unit:2	TERMS OF TRADE AND BALANCE OF PAYMENTS	

2.1 Meaning and Types of Terms of Trade

2.2 Factors affecting Terms of Trade

2.3 Balance of Trade and Balance of Payments

2.4 BOP disequilibrium – Causes

2.5 Correction of BOP disequilibrium in India

2.6 Foreign trade Multiplier

2.7 Gains from Trade

Unit:3	TRADE AND COMMERCIAL POLICY	

3.1 Free trade Versus Protection

	3.2. Trade barriers: Tariff and Non-tariff	
	3.2.1 Effects of Tariff - Quotas - Meaning and Types	
	3.3.1 Effects of Quotas	
	3.4 Dumping and Anti-dumping	
	3.5 Reasons for State Trading	
	3.6 International Trade Organizations – GATT, UNCTAD, WTO	
Unit:4	**FOREIGN EXCHANGE AND CONTROL**	
	4.1 Functions of foreign exchange market	
	4.2 Determination of Exchange rate	
	4.3 Fixed, Flexible and Floating exchange rates	
	4.4 Factors affecting international payments	
	4.5 Transactions in the foreign exchange market	
	4.6 Exchange control – objectives and methods	
Unit:5	**ECONOMIC INTEGRATION**	
	5.1 Economic integration : Rationale and Objectives	
	5.2 Forms of Integration	
	5.3 Benefits and disadvantages of regional integration	
	5.4 Customs Union and European Economic Union	
	5.5 NAFTA, ASEAN and SAARC	
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	**90 Hours**
Textbook(s)		
1	Sankaran.S.(2012) International Economics, Margham Publications, Madras	
2	Abdul Raheem.A..Vagheesan(2006), Intrernational Economics, Learntech press, Trichy	
Reference Books		

1	Jhingan.M.L. (2013), International Economics, Vrinds Publications private limited. New Delhi.
2	Bhatia.H.L. (2006), International Economics, Vikas Publishing House Private Limited, New Delhi
3	Ellsworth.P.T. Clarkleith.J.(1975), The International Economy, Macmillian Publishing Company, New york
4	Ravishankar.K.(2013) International Economics. Blackprints, New Delhi
5	Kenwood.A.G.Lougheed.A.L.(1979). The Growth of the International Economy1820-1960, Sultan Chand & Company Limited New Delhi.
6	Shrivastava.O.S.(2011), International Economics, Concept Publishing Company Private Limited, New Delhi.
7	Mithani.D.M.(2013), International Economics, Himalaya OPublishing House New Delhi

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code	Title of the Course	Hours	Credit
III	21PEC09	International Economics	6	5
Course	Programme Outcomes (POs)		Programme Specific Outcomes (PSOs)	

Outcomes (Cos)	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓		✓	✓	✓	✓	✓	✓		✓
CO2	✓	✓		✓		✓	✓	✓	✓	✓
CO3	✓	✓	✓		✓	✓		✓	✓	✓
CO4		✓	✓	✓		✓	✓	✓	✓	✓
CO5	✓		✓	✓	✓	✓		✓	✓	✓
Number of Matches -40					Relationship – High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC10	RESEARCH METHODOLOGY	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 10		6	5

The main objectives of this course are to:

- Study   the basic concept of research methodology in social science research.
- Understands the research problem and research design.
- Gain knowledge in framing   Hypothesis, Testing of Hypothesis, fact, theory and concept.
- Impart a basic knowledge on data collection and interpretation of data.
- Acquire the basic knowledge of research report, steps, problems and writing of research report.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Find the basic concept of research and it methodologies.	**K1**
2	Classify the appropriate research problem and research design.	**K2**
3	Apply the testing of hypothesis in research.	**K3**
4	Analyze the sources of data collection, Interpretation and critique data to resolve a research questions.	**K4**
5	Conclude and communicate the research findings.	**K5**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	OVERVIEW OF RESEARCH AND ITS METHODOLOGIES	

1.1 Research - Meaning. Objectives-Significance.

1.2 Types of research- Methods - Deductive and Inductive

1.3Nature and Characteristics of Science-Scientific Method

1.4 Social Science Research -Steps and Procedures in Scientific Method

1.5 Problem, objectivity.

Unit:2	RESEARCH PROBLEMS AND DESIGN	

2.1 Research Problem: Meaning -Sources-Selection- Formulation. 2.2 Types of Components 3.3 Criteria of a Good Research Problem 2.4 Research Design. 2.5 Steps and features of good design.		
Unit:3	**THEORY FACTS HYPOTHESIS AND, CONCEPTS**	
3.1 Theory Meaning -Functions -Relationship with Facts and Hypothesis-Theory and law 3.2 Facts- Meaning -Importance -Role in Research. 3.3 Hypothesis- meaning–Function- Formulation -Types and Forms-Uses Testing. 3.4 Concept- Meaning -Categories-Features-Use and Concepts- Reconceptualization 3.5Measurement- meaning -nature- Components-Accuracy --validity and reliability – Scaling meaning- importance-Scaling techniques – Rating scales.		
Unit:4	**ANALYSIS AND INTERPRETATION OF DATA**	
4.1 Sources of Data -Census and Sampling Surveys 4.2 Primary and Secondary- Methods of Data Collection 4.3 Analysis and Interpretation of Data. 4.4 Meaning and Techniques of Interpretation. 4.5 Difference between Analysis and Interpretation –precaution in Interpretation		
Unit:5	**REPORT WRITING**	
5.1 Report Writing - meaning- steps 5.2 Problems of report writing		

	5.3 Qualities of a good report - layout of the research –Preliminary Pages	
	5.4 Types of report.	
	5.5 Report Writing - precautions - conclusions.	
Unit:6	Expert lectures, online seminars – webinars, News paper, Journals, Latest happens.	
	Total Lecture hours	

Textbook(s)

1	Krishnaswamy. O. R , . Renganathan. M (2016)" Methodology of research in social sciences Himalaya Publishing house Mumbai.
2	Panneerselvam R .(2013)Research Methodology PHI learning private limited Delhi.

Reference Books

1	Kothari C. R. (1988) Research Methodology, Methods and Techniques –New age International publishers Ltd
2	Ravilochanan. P. (2001)Research Methodolodgy, Margham Publ;ications. Chennai.
3	Saravanavel . P. (2005) Research Methodology, Kitab Mahal, Allahabad.
4	Sadhu Singh (1985) Research Methodology in Social Science , Himalaya publishing house Mumbai.
5	Sangeetha Mohanty and Abhaya Kumar Panda (2014), SPSS in social Science Research , Kunal Books , New Delhi.
6	Pant.S.K. (2018), Research Methods for practitioners. Atlantic publishers and Distributors private limited New Delhi.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]

1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours	Credit				
III	21PEC10		Research Methodology	6	5				
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓	✓	✓	✓	✓	✓		✓
CO2	✓	✓	✓		✓	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	✓		✓	✓		✓
CO4	✓	✓	✓		✓		✓	✓	✓	
CO5	✓		✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches -42					Relationship – Very High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC11	ADVANCED PUBLIC FINANCE	L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE: 11		6	5

The main objectives of this course are to:

- Gain knowledge on the principles of public finance
- Understand roles of different governments
- Provide a strong knowledge base on Indian public finance
- Know the revenue and expenditure of the government
- Make the students to analyse the budget of the government

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Find the basic concepts in public finance.	K1
2	Demonstrate the capacity on Public expenditure and its present day relevance.	K2
3	Apply the knowledge on Principles, theories and effects of Taxation.	K3
4	Analyze the Ability to identify, classify the concepts of Public debt	K4
5	Evaluate the demonstrative skills on fiscal policy, federal and local finance.	K5

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1		
Theory of Public Goods and Public Choice .		
1.1 The Economic role of Government		
1.2 Allocation, Growth and Stabilization		
1.3 Private goods, public Goods and Merit Goods		
1.4 Market Failure Imperfection -Private and Public Mechanism for Allocation Resources		
1.5 Problems of Allocating Resources -Voting Systems		
Unit:2	**Public Expenditure**	
2.1PublicExpenditure – Meaning-Nature and Scope		
2.2 Theories of Public Expenditure -Adolf Wagners theory - Wiseman Peacock theory		
2.3 Causes for Growth of Public Expenditure -Criteria for Public Investment		
2.4 Social Cost Benefit Analysis -Reforms in Expenditure Budgeting		
2.5 Programme Budgeting and Zero Base Budgeting .		
Unit:3	**Taxation and Public Debt**	**18 HOURS**
3.1 Theory of Incidence -Alternative Concepts of Incidence		
3.2 Allocative and Equity aspects of Individual Taxes		
3.3 Benefit and Ability Approaches - Theory of Optimal Taxation		
3.4 The Rational behind VAT- GST -Indian Tax Structure and Trends .		
Theory of Public debt		
3.5 Classical view -Sources of Publi5c debt -Burden of Public debt Principles of debt Management and repayment.		
Unit:4	**Fiscal Policy Objectives of Fiscal Policy**	
4.1 Inter Dependence of Fiscal and Monetary Policies		
4.2 Budget Deficit and its Implications		
4.3 Fiscal Policy of Stabilization		

4.4 Automates vs Discretionary Stabilization		
4.5 Alternatives Measures of Resource Mobilization		
4.6 Their Impact on Growth, Distribution and Price Balanced Budget.		
Unit:5	**Fiscal Federalism**	
5.1 Fiscal Federalism in India		
5.2 Assignment of Functions and Sources of Revenue		
5.3 Constitutional Provisions		
5.4 Finance Commission		
5.5 Theory of Grants		
5.6 Resource Transfer from Union to State's Criteria for Transfer of Resources ,Centre,States		
5.7 Financial Relationship in India		
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	
Textbook(s)		
1	Peacock. A. and D.J. Robertson (Editors) (1963), Public Expenditure: Appraisal and Control	
2	Gulati, I.S. (1979). Centre State Financial Relations: An Assessment of the Role of Finance Commission, M.S. University of Baroda, Baroda.	
Reference Books		
1	Public Finance in Theory and Practice, Richard A. Musgrave and Peggy B. Musgrav (1984), McGraw, Hill book Company Pvt. Ltd., New Delhi.	
2	.Public Finance, Dr.B.P.Tyagi (2012), Jai Prakash Publications, Mearut.	
3	Public Finance (Fiscal Policy), R.Cauvery, V.K.SudhaNayar, M.Girija, N.Kruparam& R. Meenakshi (2003), S. Chand and Company Pvt. Ltd., New Delhi.	
4	Singh S.K. (2014). Public Finance Theory and Practice, S.Chand & Co. Ltd, New Delhi.	

5	Musgrave. R A and P.B. Musgrave (1976). Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo.
6	Buchanan, J.M. (1968) The Demand and Supply of Public Goods, Rand McNally, Chicago.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours		Credit			
III	21PEC11		Advanced Public Finance	6		5			
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓		✓	✓	✓	✓	✓	✓	✓	
CO2	✓	✓	✓	✓		✓	✓	✓	✓	
CO3	✓		✓	✓	✓	✓		✓	✓	✓

CO4	✓	✓		✓		✓	✓	✓	✓	✓
CO5	✓	✓	✓	✓		✓	✓	✓	✓	✓
Number of Matches - 41					Relationship - Very High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC12	MANAGIERIAL ECONOMICS	L	Hrs	Credit
Core/Elective/Supportive	**CORE COURSE - 12**			6	4

The main objectives of this course are to:

- Understand the basic concepts of Managerial Economics
- Predict the demand forecasting in future
- Take decision for effective risk and uncertainty
- Maximize profit and wealth of firm
- Determinants of Advertising budgets

Expected Course Outcomes:		
On the successful completion of the course, the students will be able to:		
1	Define the logic of alternative goals of firms	**K1**
2	Explain the alternative price strategies	**K2**
3	Identify the Implications of Separation of Management and ownership	**K3**
4	Analyse the growth of the firm and integration	**K4**
5	Estimate the returns on investment	**K5**
K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create		
Unit:1	**BASIC CONCERPTS OF MANAGERIAL ECONOMICS**	
\ 1.1 Managerial Economics Meaning 1.2 Scope of Managerial economics 1.3 Relationship of Managerial Economics with other subjects 1.4 Role and Responsibilities of Managerial Economics. 1.5 Basic Concepts of Business Firm.\		
Unit:2	**DEMAND FORECASTING**	
2.1 Meaning of Demand Forecasting 2.2 Types ,objectives of Managerial Economics 2.3 Features of Good Forecasting method. 2.4 Method of Demand Forecasting 2.5 Interview and survey approach		
Unit:3	**DECISION MAKING**	

3.1 Sources ,Factors , risk types of risk probability analysis 3.2 Elements of Decision theory 3.3 Game theory-Definitions 3.4 Game theory Under oligopoly 3.5 Criticism of game theory		
Unit:4	**PRICING**	
4.1Ricing Policies Objectives 4.2 Pricing methods in practice 4.3 Pricing of a new products ,multiple products 4.4 Products line pricing - pricing line pricing 4.5 pricing of public under taking		
Unit:5	**CAPITAL BUDGETING AND INPUT OUTPUT ANALYSIS**	
5.1 Capital budgeting meaning 5.2 Need, firms of capital budgeting 5.3 Demand and supply of capital budget 5.4 Rationing input output analysis 5.5 Methods of Input output analysis.		
Unit:6	Expert lectures, online seminars – webinars	
Textbook(s)		
1	Sankaran.S.(2010), managerial Economics, Margham Publications, Madras.	
2	Cauvery.R .Sudhanayak..U.K .Girija.M. Meenakshi R. (2005) Managerial Economics. Sultan Chand & Company Private. Limited., New Delhi.	
Reference Books		
1	Dr. Verma. M.M. & Aggarwal.R.K.(1987), Managerial Economics, Forward Book Depot, New Delhi.	
2	Jhingan.M.L.Stephen.J.K.(2004) Managerial Economics, Vrinda Publications private Limited, New Delhi	
3	Dr. Mustafa.A.(1995), Managerial Economics, Margham Publications, Madras	

4	Dwivedi. D.N.(1980), Managerial Economics, Vikas Publishing House Private Limited, New Delhi.
5	Mote.V.L. Samuel Paul, Gup[ta.G.S.(204), Managerial Economics, Tata McGraw Hill Publishing Company Limited, New Delhi.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours	Credit				
III	21PEC12		Managerial Economics	6	4				
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓		✓	✓	✓	✓	✓	✓	
CO2	✓	✓	✓		✓	✓	✓		✓	✓
CO3	✓	✓	✓	✓	✓		✓	✓	✓	✓
CO4	✓	✓		✓	✓	✓		✓	✓	
CO5		✓	✓	✓	✓		✓	✓	✓	✓
Number of Matches - 40 Relationship - High										

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PECE3	COMPUTER APPLICATION IN ECONOMICS	L	Hrs	Credit
Core/Elective/Supportive		ELECTIVE COURSE - 3		6	4

The main objectives of this course are to:

- The course is designed to aim at imparting a basic level appreciation programme for the students.
- It helps to after completing the course the incumbent is able to the use the computer fo basic purposes of preparing students business letter, viewing information on internet , sending mail, using internet banking services etc.
- Understand the fundamentals of computer, the MS Word, MS Excel, MS Power Point and Internet.
- Motive the Students to learn the application of most up – to – date technology in the discipline

(Economics).

- This course will provide the students with a skill that is useful both in job market.

	Expected Course Outcomes:	
	On the successful completion of the course, the students will be able to:	
1	Define the computing skills that are, necessary for success.	**K1**
2	Explain the knowledge of fundamentals of computer	**K2**
3	Apply the use of computers a student's life has been made very convenient.-	**K3**
4	Analyze the better opportunities for students	**K4**
5	Develop the online resources	**K5**
6		**K6**

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	**Fundamentals of Computer.**	

1.1 Basic concepts and components of a computer
1.2 CPU, input – output devices
1.3 Bit, byte, data storage, retrieval hard disk
1.4 Computer networking and resources sharing
1.5 Hardware and software.

Unit:2	**Operating system.**	

2.1 Disk Operating System

2.2 Function of operation system

2.3 Windows and LINEX (Basic ideas Only)
2.4 Operating systems and uses

Unit:3	**MS Word and MS Power Point.**	

3.1 Introduction : overview, basic terminology

3.2 Tool bars, scrolling

3.3 Word processing, formatting text and document

3.4 Tabs and sorting – working with graphics, templates		
3.5 creating a slide show – opening and closing presentation.		
Unit:4	**MS Excel and Software Packages.**	
4.1Working with date		
4.2Managing Excel workbooks 6 and worksheet		
4.3Formula formatting data		
4.4 Creating charts 4.5 Use of SPSS for and multivariate analyses.		
Unit:5	**World Wide Web**	
5.1 Basics – Search engines 5.2 opening e- maid – ID – 5.3Downloading text from internet 5.4 Uses of internet for business 5.5Commercial activities.		
Unit:6	Expert lectures, online seminars – webinars	
	Total Lecture hours	

Textbook(s)

1	Pradeep K.Sinha, Priti Sinha,(2011), Computer Fundamentals, BPB Publications, New Delhi.
2	Alexis Leon & Mathews Leon() Computers for Everyone, Vikas Publishign House, New Delhi

Reference Books

1	Ramesh Bangia(2001), fundamental of Programming Languages, Cybertech Publications, New Delhi

2	Rajaraman. V. 1996. Fundamentals of Computers (Prentice Hall of India, New Delhi)
3	Darren George & Paul Mallery (2011), SPSS for Windows Step by Step., Dorling Kindersley(India), Private limited, South Asia.
4	Dhamdhere.D.M. (2001)SystemProgramming and Operating System.Tata McGraw Hill publications, New Delhi
5	Lipschultz M.M and S. Lipschultz (1982) Theory and problems and Data Processing. Schaum Outline Series, McGraw Hill, New Delhi.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours	Credit				
III	21PECE3		Computer Application in Economics	6	4				
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)			
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓		✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	✓		✓	✓	✓	✓		✓
CO3	✓	✓	✓	✓	✓			✓	✓	

CO4	✓		✓	✓	✓	✓		✓	✓	✓
CO5	✓	✓		✓	✓	✓	✓	✓		✓
Number of Matches – 40					Relationship – High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC13	ECONOMICS OF GROWTH AND DEVELOPMENT	L	Hrs	Credit
Core/Elective/Supportive		**CORE COURSE – 13**		6	5

The main objectives of this course are to:

- Recall the concepts of growth and development and their implications on the economy.
- Explain and apply key development economic growth theories international trade development theories, and related economic development theories
- Apply and appraise economic development policy failures and suggest adjustments or alternatives
- Categorize the analytical and critical thinking skills and use them to judge the appropriateness of economic development policy options
- Compare economic theories and growth models
- Create new plans for economic growth

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Find basic understanding of the issues and on-going debates on Growth and development economics with special reference to India	**K1**
2	Demonstrate the importance models and theories in economic development their policy implication	**K2**
3	Apply an analytical framework to understand the important structural characteristics of development	**K3**
4	Analyse and evaluate the unevenness in development.	**K4**
5	Evaluate skills in conducting research related to development issues	**K5**

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

Unit:1	**CONCEPTUAL FRAMEWORK**	
1.1	Concept of Economic Growth, Economic Development	
1.2	Economic Progress and Economic Welfare, Current trends	
1.3	New International Economic Order- International Interdependence and Globalization	
1.4	Dimensions of Development Gap-Human Development Index	
1.5	Human Poverty Index-Multi-dimensions Poverty Index	
1.6	Gender related Development –Concept of Inclusive &Sustainable Growth	

Unit:2	**STRUCTURAL TRANSFORMATION OF GROWTH**	
2.1	Rostow's stages of Growth	
2.2	Balanced vs Unbalanced Growth	
2.3	Role of Technology and Capital in Economic Growth	
2.4	Malthusian Theory of Population, Regional Growth Differences	

	2.5	Poverty and Inequality, Kuznet's Inverted U Hypothesis	
Unit:3		**THEORIES OF ECONOMIC GROWTH**	
	3.1	Kaldor's Growth Theory-Classical Models of Growth	
	3.2	Adam Smith and Ricardo, Marx and Schumpeter on development and future of capitalism-W.A.Lewis & Renis-Fei Models of Economic Growth	
	3.3	Mahanolobis Model-Harrod –Domar Model	
	3.4	Big-Push Theory	
	3.5	A.K. Sen Growth Model	
Unit:4		**CAPITAL FORMATION**	
	4.1	Capital Formation Meaning	
	4.2	Reasons for Low rate of Capital Formation	
	4.3	Human Capital Formation	
	4.4	Women and Education, educational systems and development	
	4.5	Importance Process and Problems - Criteria for Invests in Human Capital Formation	
Unit:5		**PLANNING**	
	5.1	Meaning of Planning	
	5.2	Need - Objectives	
	5.3	Requisites of Successful Planning	
	5.4	Types	
	5.5	Problems Planning in India	
Unit:6		Expert lectures, online seminars – webinars	

Textbook(s)

1	M. L. Jhingan (2009). Economics of Planning and Development, Revised Edition- S.chand, New Delhi
2	Economic Growth Problems, Polices, D. Bright Singh, 1st Edition ,1998, The Centre for Research on New International Economic Order, New Delhi.

Reference Books

1	Economics of Development and Planning, Taneja Myer , Second Edition, Himalaya Publishing House, New Delhi
2	Sen, A.K. (1990) Growth Economics, Harmondsworth.
3	Myrdal, G. (1957) Economic Theory and Underdeveloped Regions, Duckworth London.
4	Kuznets, Simon. (1971) Economic Growth of Nations, Total Output and Production Structure Harvard University Press Mass, Cambridge
5	Desai & Bhalerao, 1986, Economics Planning and Policy Himalaya Publishing House, New Delhi
6	Schumpeter, J A. (1949)T he Theory of Economic Development, Harvard University Press Mass, Cambridge
7	Grossman, G and E. Helpman. (1991) Innovation and Growth in the Global Economy, MIT Press Mass, Cambridge.
8	Brahamananda, P R. and C N. Vakil. (1956) Planning for an Expanding Economy Vora and Co, Bombay.
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code	Title of the Course	Hours	Credit

IV	21PEC13	Economics of Growth and Development	5	5

Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓		✓	✓	✓	✓	✓		✓	✓
CO2	✓	✓		✓	✓	✓	✓	✓	✓	
CO3	✓	✓	✓	✓		✓	✓	✓		✓
CO4	✓		✓	✓	✓	✓		✓	✓	✓
CO5	✓	✓	✓	✓		✓	✓	✓	✓	
Number of Matches - 41					Relationship – Very High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PEC14	HUMANRESOURCE DEVELOPMENT		L	Hrs	Credit
Core/Elective/Supportive		CORE COURSE - 14			6	4

The main objectives of this course are to:

- Help the student to known about the importance of human resources to enable the student
- Diagnose the process of planning
- Discuss the training the HRD including what it is and how it is used
- Describes the career development of HRD
- Develop the benefits of employee empowerment

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the concepts of Human Resource Development	K1
2	Demonstrate the process of planning	K2
3	Develop the training in Human Resource Development	K3
4	Analyze the principles of career Development	K4
5	Explain the pre requisites of employee empowerment.	K5

K1 – Remember; K2 – Understand; K3 – Apply; K4 – Analyze; K5 – Evaluate; K6 – Create

Unit:1	INTRODUCTION	

1.1 Introduction – Meaning and definition

1.2 Nature, scope of Human Resource Development

1.3 Objectives of HRD and Importance of HRD

1.4 Functions of Human Resource Development

1.5 Principles of Human Resource Development

Unit:2	HUMAN RESOURCE PLANNING	
. 2.1 Human resource planning 2.2 Manpower planning 2.3 Nature- Importance of Man Power Planning 2.4 Objectives of manpower planning 2.5 Process of manpower planning – Benefit of manpower planning		
Unit:3	TRAINING AND HUMAN RESOURCE DEVELOPMENT	
3.1 Meaning Importance of Training 3.2 Features of Training 3.3 Objectives of Training 3.4 Types and Methods of Training 3.5 Human Resource Development Training		
Unit:4	CAREER DEVLOPMENT OF HRD	
4.1 Nature of Career Development 4.2 Characteristics of Career Development 4.3 Objectives and importance of Career Development 4.4 Principles of Career Development 4.5 Theories of Career Development		
Unit:5	EMPLOYEE EMPOWERMENT	
5.1 Concept of Employee empowerment 5.2 Types of Employee Empowerment 5.3 Pre – Requisites of Employee Empowerment 5.4 Benefit of Employee Empowerment		

	5.5 Empowerment process and Limitations	
Unit:6	Expert lectures, online seminars – webinars	

Textbook(s)	
1	Jayashankar.J.(2009) Human Resource Management, Margham Publication, Madras
2	Nahida (Human Resource Management, Nahida Publishers, Trichy

Reference Books	
1	Gupta.C.B.(2009), Human Resource Management, Sultan Chand & Company, New Delhi.
2	Aswathappa.K.(2013), Human Resource Management, McGraw Hill Education(India), Private limited, New Delhi
3	Tapomoy Deb.(2012) Human Resource Management,Ane books Private Limited New. Delhi
4	Arya.P.P. Tandaon.B.B.(2011) Human Resource Management, Deep & Deep publication private limited, New Delhi
5	Werner. M ,Desimone L..(2009) Human Resource Management, Cengage leaning, Canada
6	Deepak Kumat Bhattacharya(2006), Human Resource Planning, Excel Books, New Delhi
7	Jayagopal. R.(1990), Human Resource Development. Sterling Publishers, New Delhi

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code		Title of the Course	Hours	Credit				
IV	21PEC14		Human Resource Development	5	4				

Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓		✓	✓			✓	✓
CO2	✓	✓		✓	✓	✓	✓	✓	✓	
CO3	✓		✓	✓		✓	✓	✓		✓
CO4	✓		✓	✓	✓	✓		✓	✓	✓
CO5	✓	✓	✓		✓	✓	✓	✓	✓	
Number of Matches -38					Relationship – High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PECE4	ENVIRONMENTAL ECONOMICS	L	Hrs	Credit
Core/Elective/Supportive		ELECTIVE COURSE - 4		6	4

The main objectives of this course are to:

- Study the basic concept of environmental Economics.
- Understand the basic theory of environmental economics.
- Impart knowledge on environmental problems.
- Acquire knowledge about the types of pollution control
- Gain sound knowledge in environmental education and policy measures.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Find the basic concept of Ecology, Ecosystem and Ecological Balance.	K1
2	Explain the basic theory of environmental economics, externality, pareto efficiency perfect competition.	K2
3	Identify the problems in environment at global level	K3
4	Analyse the various methods of pollution control for environmental protection.	K4
5	Create environmental awareness through environmental education and explained the role and need of environmental policy at International level	K6

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create		
Unit:1	**INTRODUCTION OF ENVIRONMENTAL ECONOMICS**	
1.1 Meaning, nature and scope of environmental economics 1.2 Basic concepts of environmental of economics 1.3 Ecology – Meaning - Ecosystem- meaning - structure 1.4 Difference between Ecology and Eco System 1.5 System approach for ecology - Ecological balance		
Unit:2	**BASIC THEORY OF ENVIRONMENTAL ECONOMICS**	
2.1 Meaning of market failure and externality - kinds -Solution for externality 2.2 Environmental quality as a public good- 2.3 Concepts of welfare economics - Efficiency and perfect competition 2.4 Meaning of efficiency - Pareto efficiency - 2.5 Maximum social welfare and perfect competition - The problem of second best.		
Unit:3	**ENVIRONMENTAL PROBLEMS AND POLLUTION**	
3.1 Meaning of pollutants - Types of pollution 3.2 Causes of Pollution -Effects of Pollution 3.3 Deforestation -Causes -Effects- CHIPKO and APPIKO movement 3.4 Global warming - Ozone layer depletion – Cause and Effect 3.5 Green house effect – Cause and Effect		
Unit:4	**ENVIRONMENTAL MANAGEMENT AND CONTROL**	

	OF POLLUTION	
	4.1 Environmental management –Meaning - components 4.2 Environmental impact assessment System - Role 4.3 Control of pollution - Meaning – Need – Importance 4.4 Methods of pollution control - Direct Control - Regulations - prohibition 4.5 Moral suasion – The role of NGO in pollution control	
Unit:5	**ENVIRONMENTAL EDUCATION AND POLICY MEASURES**	
	5.1 Environmental education - Formal -Non Formal Environmental Education in India 5.2 India's environmental policy 5.3 International environmental policy 5.4 Law and Environmental protection in India 5.5 Stockholm conference on human Environment - Rio declaration	
Unit:6	Expert lectures, online seminars – webinars	

Textbook(s)

1	Karpagam. M(**2021**),"**Environmental Economics**", Sterling Publishers Private limited , New Delhi.
2	S.Sankaran.(2004) Environmental Economics, Margham Publications .Madras

Reference Books

1	Kolstad, C.D. (2007), "**Environmental Economics**", Oxford University Press, New Delhi.
2	Sankaran.S.(2001), Business Environment. Margham Publications. Madras
3	Steve Baker. (2003), Environmental Economics. Dominant publishers and Distributors. New Delhi.
4	Rai.R.K.,Mohapatra.A.C. Goel.N.P. Environmental Management, Rawat Publications. New Delhi.
5	Pushpam Kumar(2005), Economics of Environment and Development , Ane Books New Delhi.
6.	Chatwal.G.R.Harish Sharma (2005), A Text Book of Environmental Studies. Himalaya

	Publishing house . New Delhi
7.	Dhar.B.B. & Sexena.N.C. (1994), Socio – Economic Impacts of Environment, Ashish Publishing House. New Delhi

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]

	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code			Title of the Course		Hours		Credit	
I	21PECE4			ENVIRONMENTAL ECONOMICS		6		4	
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓		✓	✓	✓	✓		✓
CO2	✓	✓		✓	✓	✓	✓		✓	✓
CO3	✓		✓	✓	✓	✓		✓	✓	✓
CO4	✓	✓		✓	✓	✓	✓	✓	✓	✓
CO5	✓	✓		✓	✓	✓		✓	✓	✓
Number of Matches -41 Relationship – Very High										

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

Course code	21PECE5	INDUSTRIAL ECONOMICS	L	Hrs	Credit
Core/Elective/Supportive		**ELECTIVE COURSE - 5**		6	4

The main objectives of this course are to:

- Achieve the assignment target for development of industries.
- Introduce and familiarizes the Indian financial market and instrument
- Maintain a sustained growth in productivity.
- Relax foreign direct investment norms
- Estimate the level of employment and causes   industrial disputes.

Expected Course Outcomes:

On the successful completion of the course, the students will be able to:

1	Define the basic concepts and pricing of Industries and corporate form of organization	K1
2	Demonstrate the industrial Structure and Organization	K2
3	Identify the diversions of Industrial Location and development	K3
4	Analyze the Industrial Finance and Productivity	K4
5	Evaluate the policy instruments of industrial Economics	K5

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 – Create

Unit:1	INDUSTRIALIZATION AND ECONOMIC DEVELOPMENT	

1.1 Scope and role of industrialization

1.2 Importance of the industrialization

1.3 The role of public and private sectors

1.4 Recent trends in Indian Industrial growth.

1.5 Theories of industrial location-Weber and sergeant Florence.

Unit:2	INDUSTRIAL FINANCE AND PROMOTIONAL AGENCIES	

2.1 Owned, external and other components of funds

2.2 Role, nature, volume and types of institutional finance

2.3 IDBI,IFC,SIDC,SIPCOT Role and Functions

2.4 Functions of Commercial banks.

2.5 Commercial banks in India

Unit:3	INDUSTRIAL PRODUCTIVITY AND TRADE	

	3.1 Importance of industrial productivity	
	3.2 factors affecting industrial productivity .	
	3.3 MNCs and transfer of technology.	
	3.4 IT industry in India, nationalism	
	3.5 Globalization in India	
Unit:4	**INDUSTRIAL POLICIES AND PLANS**	
	4.1.Review of Industrial growth under planning .	
	4.2 Structural transformations	
	4.3 Issues in industrial proliferation.	
	4.4 Environments preservation	
	4.4 pollution control policies	
Unit:5	**INDUSTRIAL LABOUR ,PROBLEMS AND REMEDIES**	
	5.1 Structure of industrial labour employment.	
	5.2 Dimensions of Indian industry	
	5.3 Industrial relations-industrial unrest.	
	5 4 causes, machinery for setting disputes trade union	
	5.5 Movement ,social security measures	
Unit:6	Expert lectures, online seminars – webinars	

Textbook(s)

1	Barthwal.R.R. (1992) Indiustrial Economics, Wiley Eastern Limited. New Delhi
2	Srivastava, Nigam,Sahai, Banerjee,(1967) Industrial Economics, Sultan Chand & Company, New Delhi

Reference Books

1	Sivayya.K.V. &Das V.B.M. (1990) Indian Industrial Economy Sultan Chand & Company, New Delhi
2	Gadgil .P.G. & Gadgil.P.L.(1985), Industrial Economy of India. Eurasian Publishing House Private Limited. New Delhi.
3	GHosh.P.K. Ghorpade.M.B. (1989) Industrial Psychology, Himalaya Publishing House, Mumbai.
4	Stephen Martin (1988) Industrial Economics, Macmillian Publishing Company, New York
5	Lal Das. (1983)Industrial Relations in India, Sultan Chand & Company, New Delhi
6	Deb.K.(1987)Public Policies and the Indiustrial Economy, Sterling Publishers Private limited, New Delhi
7	Lallan Prasad, (1983)Induiatrialization, Sultan Chand & Company, New Delhi
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites, etc.]	
1	https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=11> Select Subject And module.

Relationship matrix for Cos, and POSs,

Semester	Code			Title of the Course		Hours		Credit		
I	21PECE5			INDUSTRIAL ECONOMICS		6		4		
Course Outcomes (Cos)	Programme Outcomes (POs)					Programme Specific Outcomes (PSOs)				
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓		✓	✓	✓	✓	
CO3	✓	✓	✓	✓	✓	✓	✓	✓		✓

CO4	✓	✓		✓	✓	✓		✓	✓	✓
CO5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Number of Matches - 45					Relationship – Very High					

Mapping	1-20	21-40	41-60	61-80	81-100
Matches	1-10	11-20	21-30	31-40	41-50
Relationship	Very poor	Poor	Moderate	High	Very High

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Self Study Paper – 21PECSS1
Health insurance

</div>

Course Objectives
- Overview of Health care systems and services Industry in India
- Evaluation of various Health Insurance Models
- Principles & Practices of Health Insurance
- Basic characteristics and Comparison between Health Insurance Products

- To know about the Health Insurance Product

UNIT I INTRODUCTION

1.1 Meaning and definition of health insurance

1.2 Need for Health Insurance

1.3 Important of Health Insurance

1.4 Benefits of Health Insurance

1.5 Terms and Conditions of Health Insurance

UNIT II HEALTH CARE SYSTEM

2.1 Health care as a service

2.2 Public and Private healthcare services

2.3 Indian healthcare systems and health care industry

2.4 Laws and regulations of health care system

2.5 Patient safety and rights of health care

UNIT III RISK MANAGEMENT

3.1 Concept of Risk Management

3.2 Wellness of Insurance

3.3 Lifestyle Diseases

3.4 Disability and Income of Protection Insurance

3.5 Concept of Managed Care

UNIT IV HEALTH INSURANCE (underwriting principles)

4.1 Principles of health insurance

4.2 Process of underwriting principles

4.3 Risk classification and rating methods and analysis

4.4 Fundamentals of health insurance pricing

4.5 Standard conditions and definitions of Health Insurance

UNIT – V HEALTH INSURANCE PRODUCTS

5.1 Design of Product

5.2 Types of Products – individual

5.3 Medical expenses of Product

5.4 Accidental and disability benefits of Product

5.5 Pricing and premium setting of Products

OUTCOMES

- *CO1* Outline the concepts of Health Insurance

- CO2 Demonstrate the process of Health Care Systems
- CO3 Define Risk Management
- CO4 Apply the principles of Health Care System
- CO5 Familiarize the use Health Insurance Products

Text Book:

➢ Health Insurance (2010), Study Course, C-27, Insurance Institute of India publication.

References:
➢ Akin, John S. (1989): Economics of Health Insurance: Theory and Developed Country Experience, World Bank, Latin America Technical Department
➢ Black, Kenneth Jr. & Harold Skipper Jr. (2000): Life and Health Insurance, 13th edition, Prentice Hall.
➢ Feldstein, P.J. (1993): Health Care Economics, Wiley.
➢ Government of India (2005): Report of National Commission on Macro Economics and Health.
➢ Panchamukhi, P.R. (2002): Economics of Health, An Introductory Review,

Self Study Paper – 21PECSS2
ADVERTISEMENT MANAGEMENT
COURSE OBJECTIVES:
- To enable students to understand the marketing of advertises.
- To Familiarize the students about various media of advertising and creativity in advertising
- To impart the Development of Computer process
- To know the various media
- To identify the future trend and Technology in advertising.

UNIT- I INTRODUCTION
   1.1 Advertising
   1.2 Meaning-Definition

1.3 Objectives

1.4 Types

1.5 Functions

UNIT-II CREATIVE COMMUNICATION

2.1 Creativity-Meaning and sources

2.2 Development of Creative strategy

2.3 Trend in Creative Communication

2.4 Contemporary and advertising

2.5 Government Regulations-Restrictions

UNIT-III ADVERTISING MEDIA MEDIA PLANNING

3.1 Various media

3.2 Media- Types

3.3 Planning- Data base

3.4 Actual Planning process

3.5 Development of Computer models

UNIT-IV ADSVERTISEMENT BUDGET

4.1 Advertising Budget

4.2 Advertisement- Advertisement an Investment

4.3 Advertisement budget making process-Advertisement Appropriation practices

4.4 Advertising Research Fundamentals

4.5 Qualitative and Quantitative Research.

UNIT – V FUTURE TREND OF ADVERTISEMENT

5.1   Role of Advertising agents

5.2   Competition among agencies

5.3   Future trend of Advertisement

5.4   Ethics and Moral of Advertisement

5.5   Role of Technology in Advertising.

COURSE OUTCOMES:

➢ Describe different types of advertisement

➢ Identify key players in advertising industry.

➢ Identify and make decisions regarding the most feasible advertising appeal and media mix.

➢ Identify the dealer oriented promotion techniques, customer oriented promotion techniques and the sales man oriented promotion techniques

➢ Describe different types of sales persons.

REFERENCES

1. B.S. Rathor "Advertising Management" Himalaya Publishing House,New Delhi

2. Gangan Raj"Dictionary of Advertising, Himalaya Publishing House ,New delhi

3. Prof .P. Saravanavel S.Sumathi, Advertising and Salesmanship ,Margham Publications

    24, Ramashwaram Road, T.Nagar Chennai

4. Kings books, Advertising Management, Nai Sarak, New Delhi.