MOTHER TERESA WOMEN'S UNIVERSITY
KODAIKANAL-624101

M.A. ECONOMICS   (CHOICE BASED CREDIT SYSTEM)
(Full-time)

SYLLABUS, REGULATION AND SCHEME OF EVALUATION

(From 2021-2022 onwards)

MOTHER TERESA WOMENS UNIVERSITY
KODAIKANAL---624 102
DEPARTMENT OF ECONOMICS
CHOICE BASED CREDIT SYSTEM (CBCS)
(2021-2022)
M.A. (ECONOMICS)

1. About the Programme

M.A Economics is a Post Graduate Programme designed with focus on sustainable development of the students. Accordingly, the M.A. Programme includes fundamental theories of economics, recent economic issues, theories of development, Monetary economics, Fiscal Economics, Industrial Economics, Agricultural Economics, Environmental Economics and so on. The Programme prepares its students to be upright and productive citizens. The Programme helps the students to seize the employment opportunities in business, government institutions, and private institutions. This programme is based on Learning objectives and outcome based curriculum frame work consistent with the international standard.

2. Programme Educational Objectives (PEOs)

PEO1	To enhance the knowledge of the students in economic theories.
PEO2	To equip the students with the knowledge of statistical and mathematical tools necessary for economic and social researches.
PEO3	To make the students to be aware of the contemporary economic issues of national and international economies.
PEO4	To prepare the students for competitive examinations through intensive learning and make them face the competitive world with courage and confidence.
PEO5	To enable the students to understand the economic policies and its applications.
PEO6	To enhance the knowledge of the students on environmental issues.
PEO7	To make the students use their theoretical knowledge in practical life.

3. Eligibility

Pass in any UG Degree with 50% of Marks (10+2+3 Pattern)

4. General Guidelines for PG Programme

i. Duration

The programme shall extend through a period of 4 consecutive semesters and the duration of a semester shall normally be 90 days or 450 hours. Examinations shall be conducted at the end of each semester for the respective subjects.

ii. Medium of Instruction: English

iii. Evaluation

Evaluation of the candidates shall be through Internal Assessment and External Examinations.

- **Evaluation Pattern**

	Theory		Practical	
	Min	**Max**	**Min**	**Max**
Internal	**13**	**25**	**13**	**25**
External	**38**	**75**	**38**	**75**

- Internal (Theory): Test (15) + Assignment (5) + Seminar/Quiz (5) = 25
- External Theory: 75

- **Question Paper Pattern for External Examination for Core and Elective Papers**

Max. Marks: 75   **Time: 3 Hrs.**

S.No.	Part	Type	Marks
1	A	**10*1 Marks=10** Multiple Choice Questions - 2 questions from each Unit	**10**
2	B	**5*4=20** (Internal Choice with 2 questions from each Unit (Either/or)	**20**
3	C	**3*15=45** Open Choice-Any three questions out of 5 - one Question from each Unit)	**45**
		Total Marks	**75**

- **Project Report**

A student should select a topic for the Project Work at the end of third semester itself and submit the Project Report at the end of the fourth semester. The Project Report shall not exceed 75 typed pages.

- **Project Evaluation**

There is a Viva Voce Examination for Project Work. The Guide and an External Examiner shall evaluate and conduct the Viva Voce Examination. The Project Work carries 100 marks (Internal: 25 Marks, Viva: 75 Marks)

Minimum credits required to pass - 90.

5. Conversion of Marks to Grade Points and Letter Grade

(Performance in a Course/Paper)

Range of Marks	Grade Points	Letter Grade	Description
90 – 100	9.0 – 10.0	O	Outstanding
80-89	8.0 – 8.9	D+	Excellent
75-79	7.5 – 7.9	D	Distinction
70-74	7.0 – 7.4	A+	Very Good
60-69	6.0 – 6.9	A	Good
50-59	5.0 – 5.9	B	Average
40-49	4.0 – 4.9	C	Satisfactory
00-39	0.0	U	Re-appear
ABSENT	0.0	AAA	ABSENT

6. Attendance

Students must have earned 75% of attendance in each course for appearing for the examination, Students with 71% to 74% of attendance must apply for condonation in the prescribed form with the prescribed fee. Students with 65% to 70% of attendance must apply for condonation in the prescribed form with the prescribed fee along with the Medical Certificate. Students who with less than 65% of attendance are not eligible to appear for the examination and they shall re-do the semester(s) after completion of the course, with the prior permission of the Controller of the Examination, and The Registrar of the University.

7. Maternity Leave

The student who avails maternity leave may be considered to appear for the examination with the approval of Staff i/c, Head of the Department, Controller of Examination and The Registrar.

8. Any Other Information

In addition to the above mentioned regulations, any other common regulations pertaining to the PG Programmes are also applicable for this Programme.

M.A. (ECONOMICS) CURRICULUM

S. No	Course Code	Course Title	Credits	Hours		CIA	ESE	Total
				P	T			
Semester I								
1	P21ECT11	CORE-I Micro Economics – I	4	5	-	25	75	100
2	P21ECT12	CORE-II Macro Economics – I	4	6	-	25	75	100
3	P21ECT13	CORE-III Indian Economy	4	6	-	25	75	100
4	P21ECT14	CORE-IV Statistical Methods for Economics	4	6	-	25	75	100
5	P21ECT15	CORE-V Agricultural Economics	4	5	-	25	75	100
6	P21ECS11	Supportive Course I Communication Skills for Business	2	2	-	25	75	100
		Total	**22**	**30**				**600**
Semester II								
7	P21ECT21	CORE-VI Micro Economics – II	4	4	-	25	75	100
8	P21ECT22	CORE-VII Macro Economics - II	4	4	-	25	75	100
9	P21ECT23	CORE-VIII Mathematical Methods for Economics	4	4	-	25	75	100
10	P21ECT24	CORE-IX Entrepreneurship Development	4	5	-	25	75	100
11	P21ECT25	CORE-X Environmental Economics	4	5	-	25	75	100
12		NME-I	4	4	-	25	75	100
13	P21CSS22	Supportive Course II (Skill) Computer Skills for Web Designing and Video Editing	2	4	-	25	75	100
		Total	**26**	**30**				**700**
Semester III								
22	P21ECT31	CORE-XI Industrial Economics	4	5	-	25	75	100
23	P21ECT32	CORE-XII International Economics	4	5	-	25	75	100
24	P21ECT33	CORE-XIII Research Methodology	4	4	-	25	75	100
25	P21ECT34	CORE-XIV Monetary Economics	4	6	-	25	75	100
26	P21ECT35	CORE-XV Fiscal Economics	4	4	-	25	75	100
27	P21ECT36	CORE-XVI Development Economics	4	4	-	25	75	100
28	P21WSS33	Supportive Course III Women Empowerment)	2	2	-	25	75	100
		Total	**26**	**30**				**700**
Semester IV								

33	P21ECE411 / P21ECE412 P21ECE413	**ELECTIVE II** (1) Welfare Economics (2)Export Marketing and Procedure (3) MOOC Course$^\$$	4	4	-	25	75	100
34	P21ECE421 / P21ECE422 / P21ECE423	**ELECTIVE III** (1)Economics of Human Resource (2)Demography (3) MOOC Course$^\$$	4	4	-	25	75	100
35	P21ECR41	Project	22	8	-	25	75	100
		Total	**16**	**30**				**300**
		Grand Total	**90**	**120**				**2300**

Non Major Elective

P21ECN21 Issues in Gender Economics – 4 Credit – Second Semester

Additional Credit Courses (Mandatory)

P21ECV11 – Value Added Program I - Two Credits (First Semester) – **Marketing Strategies**

P21ECI21 – Internship/Industrial Training – Two Credits - (Second Semester)

P21ECO31 – Online Courses - Two Credits - (Third Semester)

P21ECV42 – Value Added Program II - Two Credits (Fourth Semester) – **Data Analysis**

*Those who have CGPA 9 and want to do the project in industry/ institution during fourth semester ,these two papers can be opted in third semester

$^\$$Students can take on 4 credit course in MOOC as elective or 2 credit course in MOOC as elective with the approval of Departmental Committee.

Outside class hours
- Health, Yoga and Physical Fitness
- Library Information access and utilisation
- Employability Training

Programme Outcomes (POs)

On the successful completion of the programme, Students will be able to

PO1	get thorough knowledge in fundamental theories of economics.
PO2	understand the current economic problems and find ways to solve them.
PO3	get insights into the mathematical and statistical techniques.
PO4	do economic researches.
PO5	face competitive examinations with courage and confidence.
PO6	become rational consumers and enlightened citizens.
PO7	aware of the contemporary economic issues around the world.
PO8	understand the importance of environmental protection in the context of economic development.

Programme Specific Outcomes (PSOs)
On completion of this Programme,

PSO1	Students will be able to analyse economic problems and find solutions for them.
PSO2	Students will have thorough understanding of national and international economic issues and will acquire skills to face the competitive world.
PSO3	Students will be able to take wise decisions in their personal budgeting.
PSO4	Students will be equipped with entrepreneurial skills, innovation and optimism.
PSO5	Students will be enthusiastic to pursue economic researches,

SEMESTER – I

Course Code	P21ECT11	MICRO ECONOMICS - I	L	T	P	C
CORE I			5	-	-	4

Course Objectives:
1. To make the students to understand the basic concepts of micro economics.
2. To make the students to understand the applications of micro economics.
3. To enhance the knowledge of the students in the subject matter of economics.
4. To help the students in the preparation of competitive examinations.
5. To enable the students to understand the structure of markets.

UNIT I: Basic Concepts
Nature and scope of Micro Economics – Economic models – Uses and Limitations – The concept of Equilibrium – Meaning – Static and Dynamic Equilibrium – Stable Vs Unstable Equilibrium – Neutral Equilibrium – Partial Equilibrium – General Equilibrium – Methods – Deduction and Induction.

UNIT II: Theory of Consumer Behavior and Demand
Consumer preferences – Utility analysis – Cardinal and ordinal utility theories Indifference Curve analysis – Income, substitution and price effects – Revealed preference Theory – Meaning of Demand – Demand Function – Types of Demand – Law of Demand – Changes in Demand – Elasticity of Demand – Importance.

UNIT III: Theory of Production and Cost
The concept of Production – Laws of Production – Laws of Returns to Scale – The Law of Variable Proportions – Internal and external economies – Cobb Douglas production function Iso Quant – Equilibrium of the firm. – Cost curves – Cost output relationship in short run and long run .

UNIT IV: Market Structures
Definition of Market – Classification of Market – Perfect Competition – Features – Price and output determination under Perfect Competition – monopoly – Price Discrimination – Price determination under Discriminating Monopoly – Monopolistic competition – features – the concept of "industry" and "group" equilibrium of the firm – Oligopoly – features – Price determination – Kinked demand curve.

UNIT V: Theories of Pricing
Theories of Pricing – Full cost pricing principle – Mark – up pricing rule – Target pricing – Average cost pricing – Administer pricing – Dual Pricing – Differential pricing – Pricing over

life cycle of product – Multi product pricing – Product line pricing – Public sector pricing – Marginal cost pricing

Text Books:
1. H.L.Ahuja, Modern Micro Economics: Theory and Applications, S.Chand and company Ltd, New Delhi, 2020edition.
2. Dwivedi.N., Micro Economics, Pearson Education, New Delhi, 2012

References:
1. Jhingan.M.L, Micro Economic Theory, Vrinda Publications, New Delhi, 2016
2. Koutsoyannis, A Modern Microeconomics, Macmillan Press, London, 2014.
3. Cyril Kanmony. J., Advanced Micro Economics Himalaya Publishing House, New Delhi, 2013
4. Maria John Kennedy .M. Micro Economics, Himalaya Publishing House, New Delhi, 2013
5. P.L.Mehta, Managerial Economics Analysis Problems and Cases, Sultan Chand & Sons, New Delhi, 2011.
6. Kavery .R and Others, Micro Economic Theory , S,Chand and Company Ltd, New Delhi, 2012
7. Besanto and David.A, Micro Economics, Wiley, New Delhi, 2011

Course Outcomes:

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

K1	CO1	Understand the basics of Micro Economics
K5	CO2	Analyze the economic relationship between the variables.
K3	CO3	Enhance their skills in the measurement of variables and relationship.
K2	CO4	Improve their attitude towards economic laws.
K4	CO5	Get an interest in the application of economics for business decision, planning and forecasting.

Mapping of COs with POs & PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	M	M	M	M	N	M	M	M	M	N	N	S	S
CO2	S	S	M	S	M	S	S	M	S	M	S	S	M
CO3	S	S	M	S	M	S	S	M	S	M	M	S	S
CO4	S	S	M	N	M	S	S	M	N	M	N	M	M
CO5	M	S	M	M	S	M	S	M	M	S	S	S	S

*S-Strong correlation , M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT12	MACRO ECONOMICS	L	T	P	C
CORE II			6	-	-	4

Course Objectives:

1. To provide an elaborate understanding in the subject matter of macro economics.
2. To make the students to aware of the recent developments in the subject of macro economics.
3. To make the students to know about the relevance of macroeconomic concepts to the economy.
4. To help the students in gaining knowledge about practical applicability of concepts of macro economics.
5. To provide understanding in the concepts of national income accounting.

UNIT I: Flow of funds   **(12 hours)**
Flow of Funds in National Economy – National Products and Related Concepts – Sectoral Accounts – Measurements and Problems in National Income Accounting – Social Accounting – Use of Current and Constant Price Indices – Basic Concepts.

UNIT II: Equilibrium model   **(12 hours)**
Basic equilibrium in classical model – basic Keynesian model – equilibrium in the product and money markets – Full employment – Theories of employment – Keynesian theory of employment – Aggregate supply, Aggregate demand and Effective demand.

UNIT III: Consumption function   **(12 hours)**
Consumption function – Absolute income hypothesis – Relative income hypothesis – Permanent income hypothesis – Life cycle hypothesis.

UNIT IV: Investment function   **(12 hours)**
Investment Function – Keynesian approach – Accelerator – Assumptions- importance Multiplier Theory – Assumptions – Leakages – Short Comings.

UNIT V: Keynesian system   **(12 hours)**
Post – Keynesian approach – Neo – Keynesian approach - lags in investment demand – stability and slope of the IS curve and policy consequences.

Text Books:

    1.Ahuja.H.L.Macro Economics, S.Chand and Company Ltd, New Delhi, 2020

    2.Jhingan.M.L.,Macro Economic Theory, Vrinda Publications, New Delhi,2016

References:

1. Sankaran.S.Macro Economics, Margham Publications, Chennai, 2015.
2. Abel.A.B andBernake.B.S, Macro EconomicsPearson, New Delhi, 2013
3. Gordon Robert. J. Macro Economics, PHI Learnimg,New Delhi, 2012.
4. Vaish, M.C., Macro Economics, Wiley Eastern Limited, New Delhi, 2011
5. Dwivedhi.D.N, Macro Economics: Theory and Policy, McGraw Hill Education, New Delhi, 2010

Course Outcomes

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

K1	CO1	Understand the Fundamental knowledge of Macro Economics.
K2	CO2	Learn more about the importance of Macro Concepts.
K3	CO3	Identify the values and importance of basic equilibrium in Classical and Keynesian Model.
K4	CO4	Apply ideas in Consumption function and Investment function concepts.
K5	CO5	Evaluate importance of the subject of Macro Economics.

Mapping of COs with POs & PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PS O4	PSO 5
CO1	S	M	M	M	M	M	M	M	M	M	M	M	M
CO2	S	W	M	S	W	S	M	W	W	M	S	W	S
CO3	S	S	W	M	M	S	S	S	M	M	M	M	S
CO4	S	S	S	M	M	M	M	W	W	S	M	M	M
CO5	S	W	M	M	M	S	S	W	W	W	M	M	S

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT13	INDIAN ECONOMY	L	T	P	C
CORE III			6	-	-	4

Course Objectives

1. To make the students to understand the problems of Indian economy.
2. To help the students to identify the national income estimations of Indian economy.
3. To help the students to identify the human progress of Indian economy.
4. To help the students to understand the problems and impact of Poverty in Indian economic development .
5. To make the students to understand the objectives and strategy of India's economic planning .

UNIT I: India as a Developing Economy   (12 hours)
Basic characteristics of Indian Economy – Major Issues of Developing Economy – India as a Mixed Economy – Profile of Natural Resource in India.

UNIT II: National Income of India   (12 hours)
National Income Estimation in India – CSO Revised National Income Series – Trends in National Income: Growth and Structure – Limitations of National Income Estimation in India.

UNIT III: Human Resources and Economic Development   (12 hours)
The Theory of Demographic Transition – Size and Growth of Population in India – Sex and Age Composition – Density – Occupational Structure – Workforce Participation in India – Urbanization – Population Growth as retarding Factor to Economic Development.

UNIT IV: Poverty, Inequality and Unemployment in India   (12 hours)
Poverty- Concepts – Studies in Poverty – Need for redefining Poverty Line – Poverty under Five Year Plans and Economic Reforms – Poverty Eradication Programmes: Achievements and Failures – Nature and Estimation of Unemployment in India – Causes and Consequences – Various Schemes to reduce Unemployment.

UNIT V: Economic Planning in India   (12 hours)
Objectives of Economic Planning – Achievements and Failures of Economic Planning – Liberalization – Privatization – Globalization.

Text Books:
1. Misra and Puri, Indian Economy, Himalaya Publishing House, New Delhi, 2020
2. Deepa Shree, Indian Economy: Performance and Policies, Ane Books, New Delhi,2011

References:
1. Uma Kapila, Indian Economy: Performance and Policies, Academic   Foundation, 2019
2. Agarwal.A.N and Agarwal.M.K, Indian Economy, New Age International Publications, 2019
3. Dutt and Gaurov, Dutt&Sundaram Indian Economy. Chand &Co, New Delhi, 2019.
4. Sankaran., Indian Economy, Margham Publication, Chennai, 2014
5. Agarwal H.S., Indian Economy, Laksmi Narain Agarwal Educational Publishers, Agra, 2011

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

K1	CO1	Understand the nature of the Indian Economy, its basic characteristics and its natural resources.
K2	CO2	Describe the concepts of National income and estimation of national income and its limitations.
K4	CO3	Analyse the availability of human resources and take decisions to improve.
K3	CO4	Examine poverty and unemployment and the measures to solve unemployment and poverty.
K5	CO5	Evaluate the economic planning and its achievements.

Mapping of COs with POs & PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	S	S	S	M	S	W	S	S	M	S
CO2	M	S	M	S	S	S	S	M	M	S	W	S	M
CO3	S	M	S	M	M	M	S	M	S	N	M	S	M
CO4	S	M	M	S	M	S	M	N	S	N	S	M	S
CO5	M	S	S	W	M	M	S	W	M	S	S	M	W

 *S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT14	STATISTICAL METHODS FOR ECONOMICS	L	T	P	C
CORE IV			6	-	-	4

Course Objectives:
1. To equip the students with the knowledge of statistical tools needed for research and analysis.
2. To impart the knowledge of correlation and regression analysis.
3. To impart the knowledge of parametric and non parametric testing procedures.
4. To equip the students with the knowledge of probability and statistical distributions.
5. To train the students for NET and SET Exams.

UNIT-I : Statistical Investigation and presentation of Data   **(12 hours)**
Data-Types of data variables-primary and secondary data-census and sampling method-sampling and sampling methods-classification of data-Tables-Graphic representation of data-Bar charts-Pie charts-Histogram- Line graph.

UNIT-II : Correlation and Regression   **(12 hours)**
Components of correlation-Karl–Pearson's correlation co-efficient-Spearman's Rank correlation-Regression-Meaning and uses-Regression lines - Regression equations-fitting of simple linear equations.

UNIT-III : Time series and Index Numbers   **(12 hours)**
Moving averages and Time series smoothing-Fitting trend-Fore casting- Index Numbers-Weighted and Un-weighted Index Numbers-Test of consistency-Time Reversal test-Factor reversal test-Base shifting.

UNIT-IV : Parametric-Non -Parametric Test of Hypothesis   **(12 hours)**
Procedure of Testing Hypothesis-Type I and Type II Errors- one tailed-Two tailed-Test of Hypothesis: Parametric: t-test, z-test, f-test, ANOVA Non parametric: chi-square test, the sign test, a rank sum test-Limitations of Non-Parametric Test

UNIT-V : Probability and Theoretical Distributions   **(12 hours)**
Probability Distribution – concept of probabilities- Probability theorems. Theoretical Distribution-Bays' theorem-Bionomical, Poisson and Normal Distribution -Fitting a Normal curve.

Text Books:

1. Manoharan M Palani Paramount Publications, Palani, 2012
2. Gupta S.P Statistical Methods, Sulthan Chand& sons, New Delhi, 2011

References

1. S.C.Gupta, Fundamentals of Statistics, Himalaya Publishing House, New Delhi, 2020.
2. Navdeep Kaur and Sarbjit Kaur, Statistical Methods for Economics, Vishal Publishing Company, Jalandhar, 2019.
3. Pillai R.S and Bagavathi, Statistics theory and Practice, S.Chand& Company Pvt Ltd, New Delhi, 2010.
4. Seema Sharma, Statistics for Business and Economics, Marcham Publications, Chennai, 2010.

Course Outcomes

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

K1	CO1	Obtain knowledge on the statistical concepts, methods & techniques to Economics.
K2	CO2	Understand the significance of statistical applications in Economic Analysis.
K4	CO3	Gain knowledge on Analysis and hypothesis.
K3	CO4	Identify the type of statistical situation to which different distributions can be applied.
K5	CO5	Do the project work with confidence.

Mapping of COs and POs and PSOs

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	N	N	N	M	W	M	W	N	W	N
CO2	N	M	W	N	S	W	M	S	S	N	W	M	W
CO3	M	S	S	W	W	S	N	W	N	S	W	N	S
CO4	W	W	S	N	N	M	W	W	N	W	M	N	N
CO5	N	W	S	N	W	N	W	M	N	W	S	N	W

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT15	AGRICULTURAL ECONOMICS	L	T	P	C
CORE V			5	-	-	4

Course Objectives:

1. To enable the students to understand the importance of agricultural sector in India.
2. To enable the students to understand the problems of Indian agriculture.
3. To help the students to know about the prospects of Indian agriculture.
4. To help the students to know about the recent developments in Indian agricultural sector.
5. To help the students to understand the pricing policy and marketing efficiency of agricultural sector.

UNIT I: Agriculture and Economic Development (12 hours)

Nature and Scope of Agricultural economics: Traditional agriculture and its modernization – Role of agriculture in economic development – Interdependence between agriculture and industry. Models of interaction between agriculture and the rest of the economy – Agricultural development – Green Revolution – Mechanization.

UNIT II: Land Reforms and Land Policy (12 hours)

Principles of land utilization : Land distribution – Structure and trends – Land values and rent – Land tenures and farming systems – Peasant, capitalist, collective and state farming Tenancy and crop sharing – Forms, incidence and effects – land reforms measures and performance.

UNIT III: Agricultural Production and Productivity (12 hours)

Resource use and efficiency: Production function analysis in agriculture – factor combination and resource substitution – Size of farm and laws of returns – Farm budgeting and Farm Planning – Corporate agriculture and contract farming.

UNIT IV: Agricultural Prices (12 hours)

Agricultural markets and marketing efficiency : Marketing functions and costs – Market structure and imperfections – Regulated markets – Marketed and marketable surplus – Behavior of agricultural prices – Cobweb model; Price and income stability; State policy with respect to agricultural marketing – Warehousing – Prices – Taxation, crop insurance and subsidies – Terms of trade between agricultural and non-agricultural prices – Need for state intervention – Objectives of Agricultural Price Policy – Instruments and evaluation.

UNIT V: Agricultural Finance **(12 hours)**

Role of capital and rural credit – Organized and unorganized capital market – Rural savings and capital formation – characteristics and sources of rural credit – Institutional and Non – Institutional – Reorganization or Rural credit – Co-operatives, Commercial Banks, Regional Rural Banks – Role of NABARD.

Text Book:

1. Agricultural Economics, S.Subba Reddy etal ,Himalaya Publishing House, New Delhi, 2019.

References:

1. Johinder Sing and R.K.Lekhi, Agricultural Economy of India, Kalyani   Publications Ludhiana, 2020
2. Satbir Singh Nain and Vinay Memala, Introduction to Agricultural Economics,, Himalaya Publishing House, New Delhi, 2020.
3. Amarjit Singh etal, Fundamentals of Agricultural Economics, Himalaya Publishing House, New Delhi, 2019.
4. Uma Kapila, Indian Economy: Performance and Policies, Academic   Foundation, 2019.
5. Nandania.A.V., Introduction to Indian Agriculture Economics, Cyber Tech Publications, New Delhi, 2014.

Course Outcomes

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

K1	CO1	Understand the role of Agriculture in economic development.
K2	CO2	Identify the sources and importance of rural credit.
K3	CO3	Examine the marketing of agricultural products and behaviour of agricultural prices.
K5	CO4	Evaluate the pricing policy of the agricultural sector
K6	CO5	Assess the land reforms measures and performance.

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PS4	PSO5
CO1	S	S	W	M	W	S	M	W	W	M	W	M	N
CO2	S	S	M	M	W	M	S	M	W	W	M	M	M
CO3	S	M	M	W	M	S	S	M	M	W	M	M	W
CO4	S	S	M	M	M	S	M	W	M	M	W	M	M
CO5	S	M	W	M	M	S	M	W	W	M	W	M	M

S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECS11	COMMUNICATION SKILLS FOR BUSINESS	L	T	P	C
SUPPORTIVE COURSE I			2	-	-	2

Course Objectives

1. To improve the listening skill of the students
2. To improve the writing skill of the students
3. To impart the knowledge of business communication
4. To impart the skill of personality development
5. To train the students in stress management

UNIT I: Introduction to Communication (6 hours)
Communication-meaning of communication- Objectives-types of communication-importance of effective communication- barriers -Business letter-sales letters-Dealing with non-payment problems-complaints-circular letters

UNIT II: Business Correspondence (6 hours)
Enquiries-Replies- Complaints-Preparing a Curriculum Vitae or a Resume-Application letter-Offer letter-Acceptance letter-Testimonial

UNIT III: Reports (6 hours)
Reports-structure- Formal Report- Informal Report-Check list for compiling reports- Preparing Minutes of meeting-Compiling a press release

UNIT IV: Communication Skills (6 hours)
Basic skills and techniques for talking to people in business situation-Telephonic conversation

UNIT V: Personality Development (6 hours)
Body language- Personality Development-Stress management-Role of technology in communication

Text Book:

1. Puspalatha and Sanjay Kumar, Communication Skills, Oxford University Press, New Delhi,2017

References

1. V.Saraswathi & Maya. K. Mudbhatkal: English for Competitive Examinations, Emerald Publishers, Chennai, 2000.

2. Chitra.C., Business Communication, Charulatha Publications, 2019.

3. Kumkum Bhardwaj, Fundamentals of Business Communication, Wiley, 2019.

Course Outcomes

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

K1	CO1	Understand the concept and structure of communication
K2	CO2	Develop writing skills
K6	CO3	Create and write business communication
K4	CO4	Apply personality development skills
K5	CO5	Trained to manage stress

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes					Programme Specific Outcomes							
	PO1	PO2	PO3	PO4	PO5	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7	PSO 8
CO1	S	S	M	M	S	M	S	S	N	W	W	M	M
CO2	S	S	M	M	S	N	S	S	M	M	N	S	M
CO3	S	M	M	W	M	W	S	W	N	M	N	S	M
CO4	S	W	M	M	S	S	M	M	S	W	W	W	M
CO5	S	M	M	N	M	M	S	S	W	S	N	S	M

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

SEMESTER – II

Course Code	P21ECT21	MICRO ECONOMICS	L	T	P	C
CORE VI			4	-	-	4

Course Objectives

1. To enhance the knowledge of the students in the subject matter of economics .
2. To help the students in the preparation of competitive examinations.
3. To enable the students to understand the basic laws of economics.
4. To enable the students to understand the relevance of micro economic concepts to the economy.
5. To help the students to understand the theories of value

UNIT I: Distribution (12 hours)

Neo – Classical approach – Marginal Productivity Theory; Product Exhaustion Theorem; Elasticity of Technical Substitution – Theory of distribution in imperfect product and factor markets.

UNIT II : Factor Pricing : Theory of Rent and Wages (12 hours)

Classical theory – Ricardian theory of rent – Modern theory of rent – Demand and supply theory of rent – Quasi Rent – Subsistence theory of wages – Wage fund theory – Marginal productivity theory – Modern theory of wages.

UNIT III: Theory of Interest and Profit (12 hours)

Classical theory of interest – Fisher's theory of interest – Lonable funds theory – Liquidity preference theory – Modern theory of interest – Risk theory – Uncertainty bearing theory – Dynamic theory – Schumpeter's innovation theory – Marginal productivity theory of profit.

UNIT IV: Economics of Risk (12 hours)

Individual behavior towards risk – Expected utility and certainty equivalence approaches risk and risk aversion – cost and risk, risk pooling and risk spreading – mean – variance analysis and portfolio selection.

UNIT V: Theories of Value   (12 hours)

Adam Smith – The measure of value – Determinants of value – The market price and the natural price – David Ricardo Labour theory value – The Ricardo effect – Karl Marx – Marxian Theory of value.

Text Books

1. Ahuja H.L. Micro Economic Theory, S.Chand and Company Ltd, Mumbai,2014

2. David Desanko and Ronald Braeutigam, Micro Economics,WilleyPublications, New Delhi, 2017

References

1. B,Bose and Marimuthu, An Introduction to Micro Economics, Himalaya Publishing House, New Delhi, 2020.
2. Jhingan.M.L., Micro Economic Theory, Himalaya Publishing House, New Delhi,2018.
3. Abha Mittal, Micro Economics, S.Chand & Company, New Delhi,2018.
4. Martin.J.Osbome and Ariel Rubinstien, Models in Microeconomic Theory, Open Book Publishers, 2017
5. Koutsoyannis, A Modern Macro Economics, Macmillan Press, London,2014.

Course Outcomes:

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

K1	CO1	Understand the various forms of markets and competitions.
K2	CO2	Examine the business decision process
K3	CO3	Identify market equilibrium
K5	CO4	Evaluate the logic of factor pricing
K4	CO5	Apply the economic ideas in practical life

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	W	M	M	S	M	M	W	M	W	M	M
CO2	M	M	S	M	M	M	S	M	S	M	M	N	M
CO3	S	S	M	M	M	S	S	S	M	M	M	S	S
CO4	M	M	W	W	W	M	M	M	W	W	M	S	M
CO5	S	S	S	M	M	S	M	S	S	M	S	S	M

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT22	MACRO ECONOMICS	L	T	P	C
CORE VII			4	-	-	4

Course Objectives

1. To provide an elaborate understanding in the subject matter of macro economics.
2. To make the students to aware of the recent developments in the subject of macro economics.
3. To make the students to know about the relevance of macroeconomic concepts to the economy.
4. To help the students in gaining knowledge about recent developments in theories of macro economics.
5. To help the students to understand the concepts of inflation and deflation

UNIT I: Neo-Classical and Keynesian Synthesis **(12 hours)**

Neo-Classical and Keynesian views on interest; the IS – LM model; Extension with government sector; Relative effectiveness of monetary and fiscal policies.

UNIT II: Post-Keynesian Demand for Money **(12 hours)**

Post-Keynesian approaches to demand for money – Patinkin and the Real Balance Effect, Approaches of Baumol; and Tobin: Friedman and Modern quantity theory; Crisis in Keynesian economics and the Revival of monetarism.

Unit III: Macro Economics in an Open Economy **(12 hours)**

Mundell – Fleming model – Asset markets, expectations and exchange rates – Monetary approach to Balance of Payments.

UNIT IV: Theory of Inflation **(12 hours)**

Inflation – Types – Deflation – Approaches to inflation – Classical and Keynesian approaches to inflation – Policies to control inflation.

UNIT V: Trade Cycle **(12 hours)**

Trade cycle – Features – Phases – Theories of Trade cycle: Kaldor – Hicks – Schumpeter.

Text Books:

1. Jhingan.M.L, Macro Economic Theory, Vrinda Publications, New Delhi,2016
2. Ghosh.C. and Gosh. A, Macro Economics, PHI. New Delhi, 2011

References:

1. Abha Mittal, Macro Economics, S,Chand and Company Ltd Mumbai, 2014 edition..
2. Seth.M.L, Macro Economics, S,Chand and Company Ltd Mumbai, 2014 edition.
3. Ahuja.H.L, Macroeconomic Theory, S.Chand and Company Ltd, Mumbai, 2013
4. Froyen.R.T., Macro Economics :Theories and Policies, Pearson, 2013

.**Course Outcomes**

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

K1	CO1	Understand the fundamentals of macro economics
K2	CO2	Identify the importance of macro concepts
K3	CO3	Examine the values and importance of Classical and Keynesian synthesis
K4	CO4	Apply the ideas and approaches of Patinkin, Baumol, Tobin and Friedman
K5	CO5	Evaluate the importance of macro economics

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme specific outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	S	S	S	S	S	S	S	S	S	S	S
CO2	M	M	S	S	M	M	M	M	W	W	M	M	M
CO3	M	W	M	S	S	M	S	S	M	M	S	M	S
CO4	W	S	W	W	M	M	W	W	W	M	M	M	W
CO5	W	S	S	S	W	M	M	M	S	S	W	M	M

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT23	MATHEMATICAL METHODS FOR ECONOMICS	L	T	P	C
CORE VIII			4	-	-	4

Course Objectives:

1. To enable the students to understand the fundamentals of mathematical methods.
2. To impart various mathematical methods.
3. To improve the mathematical knowledge of the students.
4. To help the students in applying mathematical formula in practical life.
5. To equip the students to know the application of mathematical techniques.

UNIT I: Introduction (12 hours)

Definition and importance of Mathematical Methods - Linear equations - Quadratic equations – Logarithmic function.

UNIT II: Calculus and Differentiation (12 hours)

Differential Calculus Meaning   Partial Differentiation – Total Differentiation - Total , Average and Marginal Cost – Average and Marginal Revenues – Marginal Utility - Maxima and Minima – Profit and Sales Maximization.

UNIT III: Set Theory (12 hours)

Set Theory Meaning - Definition - Notations of Set – Types of Sets – Forms of Sets - Specification of Sets – Law of Set Operation – Ordered Pairs - Cartesian Product - Application in Economics.

UNIT IV: Matrices (12 hours)

Matrices Meaning - Definition - Notations of Matrix - Types of Matrix - Algebra of Matrices – Transpose of a Matrix - Determinants - Rank of a Matrix - Adjoint – Inverse – Solving a System of Liner Equations – Testing Consistency Liner Equation.

UNIT V: Linear Programming (12 hours)

Linear Programming Meaning - Basic Concepts - Mathematical Formulation of LPP – Graphical Method – Simplex Method.

Text Books

1. Dr. D.Bose, An Introduction to Mathematical Economics, Himalaya Publishing House, Mumbai, 2014

2. S.C.Gupta and V.K.Kapoor, Fundamentals of Mathematics and Statistics, S.Chand and Company Ltd, New Delhi, 2020. .

References

1. Balwant Kandoi, Mathematics for Business and Economics with Applications, , Himalaya Publishing House, Mumbai, 2017

2. Joshi.R.C and Nancy, Mathematical Methods in Economics, Vishal Publishing Co, Jalandhar, 2019

3. Monga.G.S, Mathematics and Statistics for Economic, S.Chand and Company Ltd, New Delhi, 2014.

4. Madnani.G.M.K, and Mehta. B.C. Mathematics for Economists, S.Chand and Company Ltd. New Delhi, 2011.

5. Vedamanickam, Mathematical Methods, G.V. Book Publication, Madurai, 2011.

Course Outcomes

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

K2	CO1	Use mathematical knowledge for their future studies
K3	CO2	Capable to workout Maximum Profit and Utility, Minimum Cost and Price; if there are two commodities
K1	CO3	Understand the concepts of SET Theory
K4	CO4	Calculate marginal functions, Maximum profit and Minimum cost for a firm and maximum utility for consumer.
K5	CO5	Examine Total and Average Functions, Consumer's and Producer's Surplus.

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	S	S	S	M	S	S	S	S	S	S	M	S	M
CO2	S	M	S	S	M	S	M	S	M	S	S	S	S
CO3	M	M	S	S	W	M	S	S	S	M	S	W	S
CO4	S	S	S	M	M	S	W	M	S	M	M	M	M
CO5	S	S	S	S	W	M	S	S	W	M	W	M	S

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT24	ENTREPRENEURSHIP DEVELOPMENT	L	T	P	C
CORE IX			5	-	-	4

Course Objectives

1. To help the students in developing entrepreneurial skills.
2. To promote the knowledge of the students in project management and marketing techniques.
3. To enhance the knowledge of the students on getting finance for setting new enterprises.
4. To make the students to understand the problems faced by the women entrepreneurs and the solutions to the problems.
5. To make the students to understand the role of entrepreneurs in economic development.

UNIT I: Introduction (12 hours)

Entrepreneurship – Definition, importance and characteristics of Entrepreneurship – Functions, types, and motives of Entrepreneurship – Growth of Entrepreneurs in India.

UNIT II: Business idea and project preparation (12 hours)

Search for a business idea – sources – processing and selection – selection of types of organization – project classification and identification – project objectives – internal and external constraints – format for a report.

UNIT III: Women Entrepreneurs (12 hours)

Functions and role of women Entrepreneurs and rural Entrepreneurs – their problems – selection of industry by women Entrepreneurs – types of industries / business for women Entrepreneurs and rural Entrepreneurs.

UNIT IV: Training and Finance (12 hours)

Training and Finance : objectives of training – phase of EDP – special agencies for training – institutional finance with special emphasis of commercial banks, IDBI, IFCI, ICICI, IRBI, SFC, SIDFI, SIPCOT, Khadi and Village Industries Commission – Micro Finance.

UNIT V: Subsidies and Grants (12 hours)

Role of Central and State Government in promoting Entrepreneurship – Introduction of various incentives, subsidies and grants – Fiscal and Tax concessions available – Role of Entrepreneurships in export promotions and import substitutions.

Text Books

1. E.Gordan and K.Natarajan, Entrepreneurship Development, Himalaya Publishing House, New Delhi, 2020

2. K.K.Khanka, Entrepreneurial Development, S.Chand and Company Ltd, New Delhi, 2020

References

1. Vasant Desai, Entrepreneurship Development, Himalaya Publishing House, New Delhi, 2016.

2. Adelman,Philip.J, Entrepreneurial Finance, Pearson Education, Noida, 2011

3. Dipesh.D,Ulke,, Entrepreneurship Development, Himalaya Publishing House, New Delhi, 2012

4. Dhillon and Manvinder, Economic Empowerment of Women, Holiday Book House, Panchkula, 2010

5. Gupta,C.P and Srinivasan. N.P, S.Chand and Company Ltd, New Delhi, 2018.

Course Outcomes

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

K1	CO1	Acquire the knowledge regarding, Characteristics of an entrepreneurship.
K3	CO2	Develop an interest in entrepreneurial activity.
K2	CO3	Attain entrepreneurial skills for self employment.
K5	CO4	Assess the training and financial facility available for entrepreneurship.
K6	CO5	Create the business correspondence and communication.

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	W	W	N	N	N	W	M	S	W	N	W	M	M
CO2	M	S	W	N	N	S	S	S	W	M	N	N	W
CO3	M	M	N	N	N	S	M	M	M	N	N	N	W
CO4	N	N	N	N	N	N	N	N	N	N	N	N	N
CO5	M	W	N	N	N	M	W	S	N	W	N	N	M

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT25	ENVIRONMENTAL ECONOMICS	L	T	P	C
CORE X			5	-	-	4

Course Objectives

1. To improve knowledge of the students in Environmental Economics.

2. To equip the students would gain knowledge and skills in environmental resources.

3. To make the students aware of importance in environmental pollution.

4. To prepare the students are would be able to evaluation of environmental benefit.

5. To enable the student to understand the environmental regulation and policies.

UNIT I: Introduction to Environmental Economics**(12 Hours)**
Environmental Economics Definition – Nature Scope and Importance- Relationship between Environmental Economics – The basic Concepts of Environmental Economics – Basic theory of environmental economics –Efficiency in private economy – Imperfect market problems – Kaldar – Hicks – compensation principle – Tragedy of commons.

UNIT II: Environmental Resources and Problems**(12 Hours)**
Environmental Resources - Definition, Type, Characteristics and Functions – Causes and Consequences Natural Resource - Renewable and Non- Renewable Resource – Environmental Problems in India.

UNIT III: Environmental Pollution**(12 Hours)**
Air, Water, Noise, Soil, Land Pollution – Industrial Pollution – Causes and Effect – Waste disposal and recycling of water –Global Warming and climate change, Ozone layer - - acid Rain – Bio- Diversity loss causes and Impact – Environmental Pollution in India – Policies of Pollution control and Conservation – Protection of environment – Legal system.

UNIT IV: Cost – Benefit Analysis**(12 Hours)**
Optimum Pollution - efficient level of environmental quality – evaluation of environmental benefit – direct and indirect methods - Population, Economic growth and environmental quality – Urbanization and environmental Problems – Second Stage of Demographic Transaction Effect of over- population problems and its impact.

UNIT V: Environmental and Policies (12 Hours)

Environmental Regulation Instruments – CAC-Legal – Global Environmental Movement – Regulation and Prohibition taxes , Subsidies and effect charges, Government Protection of Environmental Services – Environmental Education – Awareness – Movement in India.

Text Books

1. N.Mani, Environmental Economics, Himalaya Publishing House, New Delhi, 2018

2. Sethi Purnima, Environmental Economics, Alfa Publications, New Delhi, 2011

References

1. Charles D.Kolstad, Intermediate Environmental Economics, Oxford University Press, New Delhi, 2019.

2. M.J.Raijada, Environmental Economics, Himalaya Publishing House, New Delhi, 2018

3. Jhingan.M.L., Environmental Economics, Virinda Publications, New Delhi, 2015

4. VermaG.P, Environmental Economics, Advance Learner Press, New Delhi, 2013.

Course Outcomes

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

K1	CO1	Understand the theories of environmental economics.
K2	CO2	Examine the environmental problems and offer solution.
K4	CO3	Apply regulation and prohibition measures to protect the environmental pollution
K3	CO4	Identify India's environmental policies
K5	CO5	Recognize their role in environmental protection

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	W	W	S	M	S	N	N	S	N	N	S	M
CO2	S	M	M	N	M	S	M	N	S	W	W	W	S
CO3	S	W	M	S	S	S	S	W	W	S	S	S	M
CO4	S	W	M	M	S	W	M	S	W	N	S	M	W
CO5	S	M	S	S	S	M	S	S	N	S	S	S	S

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECN21	ISSUES IN GENDER ECONOMICS	L	T	P	C
NON MAJOR ELECTIVE–I			4	-	-	4

Course Objectives

1. To know the objectives types, determinants of women Empowerment.
2. To learn the various national and international agencies for women empowerment.
3. To uplift women in socially, economically and politically as empowered.
4. To make aware of women rights and enhance their life
5. To know the women entrepreneurship development in India

UNIT I: Fundamentals of Women's Studies (12 Hours)

Meaning and Definition of the concept of Women's studies - Need and Scope - Women's studies as an academic discipline - Women's Studies – theories and Achievements- International Women's Year 1975 - International Women's Decade 1975 -1985; Towards Equal Status 1976 – Current trends-Importance of women's education – Efforts of various Committees –Life Skill Education to build capacity - Education as a tool of Women Empowerment - Obstacles to Women Education – Social, Economic, Cultural and other factors, limitations of Formal system of education-Role of educational institutions, Parents and Community.

UNIT II: Issues of Women (12 Hours)

Girl Children and Women in Society: Social Networking- Influencing factors of Social Networking-Types of Social Networking- impact and consequences of networking- Remedial measures and strategies for solution- NCW: Initiatives to overcome Women's issues - Ministry of Home Affairs and Networking with State Women Commissions: Cyber Crime Prevention against Women and Children (CCPWC)-challenges - efforts & effective measures to prevent crime against women and children - create awareness for social issues. Motherhood - Single Parent - Widows – Multiple Roles of Women - Role conflict, Role change - Social Responsibility and Gender Empowerment.

UNIT III: Achievement and Rights of Women (12 Hours)

Gender Equality: Achievement of Women - Educational, Political, Economic, Social - Panchayat Raj - Political role and participation - National and International Levels; Women's Rights - Property Rights - Redressal mechanism at different levels - Rights of Women with Disability: Case Studies on Women Achievers in the field of politics, education, arts science, law etc.

UNIT IV: Empowerment of Women (12 Hours)
Empowerment of Women: Alternative approaches - Women in Development (WID) - Women and Development (WAD) - Women's Development- Definition, Meaning and Scope, Gender and Development (GAD), Human Development Index (HDI) vs Gender Development Index (GDI). Types of Empowerment: Social, Educational, Political, Economical, Legal to Holistic levels-Role of Govt. and NGOs - Help line numbers in promoting women's empowerment - National and International Funding Agencies in promoting research on women.

UNIT V: Women Entrepreneurship (12 Hours)
Women Entrepreneurship:– Types of Entrepreneurs Opportunities and Risk – Push and Pull Factors –financial Assistance and credit facilities-Micro finance- Entrepreneurship Skill and Competencies - Women Entrepreneurship Development in India: TRYSEM – NABARD – NMEW - Support to STEP – TREAD – Rural Entrepreneurship Development Programme – Gramia Bank –Mahila bank and supportive measures- Industrial Development Bank of India (IDBI) – Small Industries Development Bank of India-SHG and Entrepreneurship opportunities.

References

1. Rani Sandhya, "Development of Women – Issues and Challenges", Discover Publishing House Pvt Ltd, New Delhi, 2012.

2. Anil Kumar Jha, "Gender Inequality and Women Empowerment", Axis Books, New Delhi, 2012.

3. Nandal Santosh , "Women and Development", A Mittal Publications, New Delhi, 2012

4. Rao Pulla, "Political Empowerment of Women in India – Challenges and Strategies", ABD Publishers, New Delhi, 2012.

5. Jenny Edwards, Andrea Cornwall, et al., "Feminisms, Empowerment and Development: Changing Women's Lives", Kindle Edition, 2014.

6. Elson Diane, et al. "Gender Equality and Inclusive Growth: Economic Policies to Achieve Sustainable Development", UN Women, 2019

7. Priyanka Sharma Gurnani, "Women Entrepreneurship – Emerging Dimension of Entrepreneurship in India" Educreation Publishing House, New Delhi, 2016.

Course Outcomes

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

K1	CO1	Gain knowledge about the concept, need and scope of women's studies.
K4	CO2	Acquaint and analyze issues of women in various contexts.
K3	CO3	Examine the changing role of women in society and issues related to it.
K5	CO4	Evaluate the importance of women's education
K2	CO5	Comprehend empowerment of women and their achievement

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	S	W	N	M	S	S	M	N	S	S	W
CO2	N	S	S	S	M	S	S	S	S	S	M	M	N
CO3	W	S	M	S	N	M	S	S	S	S	M	S	W
CO4	N	M	M	S	N	S	S	S	S	M	M	M	M
CO5	N	M	S	S	N	S	M	M	S	S	S	S	W

*S-Strongcorrelation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

SEMESTER – III

Course Code	P21ECT31	INDUSTRIAL ECONOMICS	L	T	P	C
CORE XI			5	-	-	4

Course Objectives

1. To help the students to know about the prospects of industrial sector of India.
2. To help the students to know about the recent development in industrial sector of India.
3. To enable the students to understand the importance of industrial sector in India.
4. To enable the students to understand the problems of Industrial sector.
5. To motivate the students to start business firms.

UNIT I: Introduction to Industrial Economics (12 Hours)

Industrial economics : Meaning, Nature and Scope – Industrial efficiency – the determinants of economic efficiency – measurement of efficiency levels – Types of organizational Form and alternative motives of the Firm – Business motives – Efficiency and the size of the firm.

UNIT II: Industrial Location (12 Hours)

Industrial location - The Geographical contribution - The Economic theories of location - Weber's theory of location - Split location - Sargant Florence theory - Losch theory - Industrial location: trends in India.

UNIT III: Industrial Productivity (12 Hours)

Industrial productivity - Measurement - Scope and significance - Tools of productivity - Factors influencing industrial productivity - Labour productivity - Determinants of labour productivity - Productivity movement in India.

UNIT IV: Industrial Policies (12 Hours)

Industrial policies - 1948 to till date -Concentration of Economic Power - Measurement of concentration - Consequences - MRTP - FERA - FEMA - LPG policies - Industrial combination - Types - Growth - Forms - Combination in India.

Unit V: Balanced Regional Development (12 Hours)

Balanced regional development - Indicators of regional imbalance – Distribution of industries – causes of economic backwardness – criteria for industrial - backwardness - Identification of Industrial backward areas - Policy measures to remove regional disparities.

Text Books

1. Singh, S.P, Industrial Economics and Management, AITBS Publication, India, 2010

2. Jotwani.K, Industrial Economics, Nirali Prakasan Publications, India, 2016

References

1. Birthwal, Industrial Economics, New Age International Publications,2018

2. Devine.P.J, Lee.N, Jones. R.Mand Tyson.W.J, An Introduction to Industrial Economics, Routiedge edition, New York, 2018.

3. Cherunilam F, Industrial Economics: Indian perspective, Himalaya Publishing House, New Delhi, 2017.

4. Ranjana Seth Industrial Economics, Ane Books Private Ltd, New Delhi, 2010.

Course Outcomes

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

K1	CO1	Understand the meaning of industry and measurement of industrial efficiency.
K3	CO2	Examine the factors affecting the location of an industry.
K4	CO3	Measure the industrial productivity.
K5	CO4	Evaluate the industrial policies.
K6	CO5	Assess the policy measures to remove regional disparities.

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	W	M	M	S	S	M	M	W	M	M	M
CO2	M	M	M	W	M	S	S	M	M	W	M	M	N
CO3	S	M	M	M	M	S	S	W	M	W	M	M	M
CO4	S	M	W	M	M	S	M	W	M	W	M	M	M
CO5	S	M	W	M	S	S	S	W	M	M	W	M	M

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT32	INTERNATIONAL ECONOMICS	L	T	P	C
CORE XII			5	-	-	4

Course Objectives

1. To enable the students to understand the theories governing international trade.
2. To enable the students to understand the significance of international economics.
3. To analyse the balance of payment and trade of the nation.
4. To enable the students to understand the consequences of exchange control and international trade.
5. To enable the students to understand the functions of international financial institutions.

UNIT I: Introduction to International Economics (12 Hours)

International Economics: Meaning, Nature and Scope - Importance of the study of International Economics: Inter - Regional and International Trade; Theories of Absolute Advantage, Comparative Advantage and Opportunity Cost; Hecksher - Ohlin Theory of Trade - Main Features, Assumptions and Limitations.

Unit II: Importance of trade (12 Hours)

Gains from Trade - Their Measurement and Distribution; Trade as an Engine of Economic Growth - Doctrine of Reciprocal Demand - Its Importance and Limitations - Factors determining the gain from trade.

UNIT III: Tariffs and Quota (12 Hours)

Types of Tariffs and Quota; Free Trade and Protection Tariffs; Concept of Optimum Tariff.

UNIT IV: Balance of Trade and Balance of Payments (12 Hours)

Concepts and Components of Balance of Trade and Balance of Payments; Equilibrium and Disequilibrium in Balance of Payments; Consequences of Disequilibrium in Balance of Payments; Various Measures to correct deficit in Balance of Payments; Relative merits, demerits and limitations of Devaluation; Concept and Implications of Foreign Trade Multiplier.

UNIT V: Foreign exchange and MNC'S (12 Hours)

Foreign exchange - Meaning - Foreign market functions - Objectives, Methods and Forms - Instruments of Export Promotion and Recent Export and Import Policies of India; Role of Multinational Corporations of India. Role of FDI & FII - Recent Reforms in International Trade with Regard to India.

Text Books

1. Mannur H G, International Economics, Vikas Publishing House, Ludhiana, 2021

2. Jhingan.M.L., International Economics, Virinda Publications, New Delhi, 2016

References

1. D.M.Mithani, International Economics, Himalaya Publishing House, New Delhi, 2020.

2. HL Bhatia, International Economics, S.Chand and Company Ltd, New Delhi, 2019.

3. Radha.V, International Trade, Prasanna Publications Chennai, 2012.

4. Francis Cherunilam, International Economics, S.Chand and Company Ltd, New Delhi, 2010.

Course Outcomes

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

K1	CO1	Understand the theories of international trade
K2	CO2	List out the factors determining the international trade
K4	CO3	Compare and contrast Balance of Payment and Balance of Trade
K5	CO4	Evaluate the functioning of Exchange Control and Exchange Rate Payments.
K6	CO5	Analyse the functions of International Financial Institutions

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	S	S	S	W	S	S	S	S	M	S	S	S
CO2	S	M	S	M	S	S	S	S	S	S	M	S	S
CO3	S	W	S	S	S	S	M	M	M	M	M	M	M
CO4	S	M	S	S	M	S	S	M	W	S	S	S	S
CO5	M	S	M	M	S	S	W	S	M	S	S	M	M

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT33	RESEARCH METHODOLOGY	L	T	P	C
CORE XIII			4	-	-	4

Course Objectives

1. To enable the students to understand the basic frame work of research process.
2. To enable the students to understand the research tools in social sciences.
3. To develop an understanding of various research design
4. To enable the students to understand the sampling design
5. To enable the students to understand the procedure in report writing and todo the research efficiently.

UNIT I: Research-meaning and scope (12 Hours)

Research – Meaning – Scope and Significance – Types of Research – Research process – Characteristics of good research – Scientific method – Problems in research – Identifying research problems.

UNIT II: Review of Literature and data collection (12 Hours)

Review of Literature – Purpose of Review of Literature – Tools of data collection – Primary & Secondary sources of data collection – Methods – Interview – Preparation, Questionnaire – Group discussion.

UNIT III: Hypothesis and Scaling Techniques (12 Hours)

Hypothesis – Meaning – Sources – Types formulation of Research design – Types, Case study – Features of good design – Measurement meaning – Scaling techniques – Meaning types of scales – Scale construction techniques – Pretest and pilot study establishing reliability and validity.

UNIT IV: Sampling (12 Hours)

Sampling design – Meaning – Concepts – Steps in sampling – Criteria for good sample design – Types of sample designs – Probability and Non Probability samples.

Unit V: Interpretation and report writing (12 Hours)

Interpretation – Meaning – Techniques of interpretation – Report writing – Steps in Report writing – Layout of Report – Types of Report – Norms for using Tables, Charts, Diagrams – Appendix, Norms for using Index and Bibliography.

Text Book

1. Ranjit Kumar, Research Methodology, Sage Publications, New Delhi, 2014

References

1. C.R.Kothari, Research Methodology, Methods and Techniques, Willey eastern Ltd., New Delhi, 2019
2. R.Meenakshi et.al, Research Methodology, S,Chand and Company Ltd, New Delhi, 2018.
3. W.J.Goode and P.K.Hatt, Methods in Social Research, Mc Graw Hill, International Edition, 2017.
4. A.N.Sadhu Research Methodology and Social Sciences – Himalaya Publishing House, 2015.

Course Outcomes

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

K3	CO1	Apply scientific methods in research
K1	CO2	Understand the research gap
K3	CO3	Employ the methodological designs
K2	CO4	Identify the basics of probability and the uses of probability distribution
K6	CO5	Create Reports with proper interpretation

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	W	W	S	M	S	N	N	S	N	N	S	M
CO2	S	M	M	N	M	S	M	N	S	W	W	W	S
CO3	S	W	M	S	S	S	S	W	W	S	S	S	M
CO4	S	W	M	M	S	W	M	S	W	N	S	M	W
CO5	S	M	S	S	S	M	S	S	N	S	S	S	S

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation

Course Code	P21ECT34	MONETARY ECONOMICS	L	T	P	C
CORE XIV			6	-	-	4

Course Objectives

1. To enrich the knowledge of students on monetary theories.
2. To provide knowledge on money market and banking sector.
3. To enhance the knowledge of the students in recent developments in monetary economics.
4. To make the students to understand the concept of monetary economics.
5. To impart knowledge on banking system of India.

UNIT I: Monetary theories (12 hours)
Concept – Role of money in economy – Fisher's quantity theory – Cambridge Cash Balance Approach – Keynesian theory – Modern Quantity theory; Friedman's Approach – Don Patinkin's theory – Tobin's Portfolio analysis – Inventory theory of money (Baumol).

UNIT II: Theory of Money Supply (12 hours)
High powered money – Money multiplier process – Determinates of money multiplier – Factors affecting money supply – Credit creating by commercial banks – NBFI.

UNIT III: Central banking system (12 hours)
Role of Central Bank – Development and promotional functions – Credit control methods – RBI: Recent RBI Policies and Guidelines.

UNIT IV: Money and Capital Markets (12 hours)
Characteristics of developed and underdeveloped money market – Indian money market capital market; Primary and Secondary market – Stock exchange: role and its functions, capital issue control and its aim – SEBI and its role functions.

UNIT V: Monetary Policy (12 hours)
Role of monetary policy in economic development – goals, targets and indicators of monetary policy – lags in monetary policy – Inflation – Philips curve – Narasimhan Committee report.

Text Book

1. M.L.Jhingan, Monetary Economics, Vrinda Publications, New Delhi, 2011

References

1. Suraj Gupta, Monetary Economics ,S.Chand and Company Ltd, New Delhi, 2019
2. S,Sankaran, Monetary Economics, Marcham Publications ,Chennai, 2018
3. R,K,Paul.: Monetary Economics, Kalyani Publications New Delhi, 2017
4. Muraleedharan.D., Modern Banking: Theory and Practice, PHI Learning Publications, New Delhi, 2014
5. Nadar.E.N., Money and Banking, PHI Learning Publications, New Delhi, 2013
6. Carl.E.Walsh, Monetary Theory and Practice, PHI Learning Publications, New Delhi, 2011

Course Outcomes

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

K3	CO1	Apply the knowledge on the monetary theories
K1	CO2	Understand the concepts of money supply
K4	CO3	Assess the role and policies of bank
K3	CO4	Employ the concepts of money and capital markets
K5	CO5	Critically evaluate the monetary policy

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	M	S	S	S	S	N	W	S	S	M	M
CO2	S	W	S	S	M	M	M	S	S	W	S	M	S
CO3	S	M	M	S	S	S	M	W	S	S	N	S	M
CO4	S	M	S	W	M	S	S	M	S	M	M	M	M
CO5	M	S	S	M	M	M	M	W	M	M	M	N	M

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation

Course Code	P21ECT35	FISCAL ECONOMICS	L	T	P	C
CORE XV			4	-	-	4

Course Objectives

1. To help the students to understand the scope of fiscal economics.
2. To help the students to understand the importance of financial administration and fiscal policies.
3. To help the students to understand the theories of fiscal economics.
4. To help the students to aware of the existing financial scenario.
5. To enable the students to understand the recent changes in fiscal policies of the government.

UNIT I: Introduction to Public Finance (12 Hours)

Public Finance : Significance, Scope, and Function – Public Finance Versus Private Finance – Theory of Public Good – Market Failure – Externalities – Provision for Public Goods – general Model of Efficient Allocation for Public Good.

UNIT II: Taxation (12 Hours)

Sources of Public Revenue : Theory of Taxation – Taxable Capacity – Ability to Pay And Benefit Principle in Taxation – Indian Direct and Indirect Taxes – Incidence of Tax – Tax Reforms – MODVAT.

UNIT III: Public Expenditure and Budget (12 Hours)

Public Expenditure: Theories of Public Expenditure – Structure and Growth of Indian Public Expenditure – Expenditure Revenue Mobilization for the Budget – Performance Budget – Limitation of Budget – Analysis of Recent budget (State & Central).

UNIT IV: Public Debt (12 Hours)

Public Debt: Growth and Composition of Public Debt – Internal and External Debt – Central and State Deficit – Redemption of Public Debt.

UNIT V: Federal Finance (12 Hours)

Indian Fiscal Policy: Principle of Federal Finance – Evaluation of Federal Finance – 12th and 13th Finance Commission – Local Finance.

Text Books

1. D.M.Mithani, Modern Public Finance: Theory and Policy, Himalaya Publishing House, New Delhi, 2014

2. Sreenivasan.K. and Dayananda K.C., Money and Public Finance, Himalaya Publishing House, New Delhi, 2018

References

1. Huch Dalton, Principles of Public Finance, Allied Publishers, Vikas Publishing House, 2019

2. S.K,Singh, Public Finance in Theory and Practice, S.Chand and Company Ltd, New Delhi, 2019

3. Lekhil R.K.,Johinder, Public Finance, Popular,2018

4. Bose.D, Ganesan.S and Marimuthu A, An Introduction to Public Finance, S.Chand and Company Ltd, New Delhi, 2012

5. H.L.Bhatia, Public Finance, Vikas, Noida, 2012

Course Outcomes

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

K1	CO1	Understand the basic concepts of fiscal economics
K2	CO2	Classify the various types of goods
K3	CO3	Discuss different theories of fiscal economics
K4	CO4	Analyse the causes and effects of public debt and public financing
K5	CO5	Critically evaluate the budgetary procedure and the role of finance commission

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	N	S	S	M	W	N	M	N	S	S	W	M
CO2	M	S	N	S	S	N	S	N	N	N	S	S	M
CO3	M	M	M	M	M	M	S	M	S	M	N	N	M
CO4	M	S	M	S	S	M	M	M	S	N	S	M	M
CO5	S	S	M	M	M	N	S	N	N	S	M	M	N

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECT36	DEVELOPMENT ECONOMICS	L	T	P	C
CORE XVI			4	-	-	4

Course Objectives

1. To provide a strong knowledge base on the features of Indian economy
2. To help the students to understand the theories of economic development.
3. To help the students to understand the various growth models.
4. To help the students to understand the recent development in Indian economy.
5. To help the students to understand the importance of capital formation for economic development.

UNIT I: Economic Development and Growth (12 Hours)

Economic Development – Concept and Approaches – Characteristics of under developed economy – Obstacles to economic development – Factors influencing Economic Development and growth – Characteristics of modern economic growth and strategies of development.

UNIT II: Theories of Economic Development (12 Hours)

Theories of Economic Development : Adam smith – Richard – Malthus – J.S. Mill – Karl Marx – Schumpeter – Keynes – Rostow – Nurkse.

UNIT III: Growth Theories (12 Hours)

Lewis – Fei Ranis – Leibenstein – Nelson – Rosenstein – Rodan's Doctrine of Balanced Growth – Concept of Unbalanced growth – Dualistic Theory – Myrdal's Theory.

UNIT IV: Growth Models (12 Hours)

Harod – Domar – Kaldor – Joan Robinson – Meades – Solow – Models of Technical change – Steady – State growth – Fel'dman model – Mahalanobis Model – Endogenous Growth Model.

UNIT V: Capital Formation (12 Hours)

Capital formation - Domestic Measures – human capital formation – Role of State – International Measures: Foreign Capital and MNCs.

Text Books

1. Jhingan M.L, The Economics of Development and Planning, Virinda Publications, New Delhi, 2014

References

1. K,L,Datta, Growth and Development Planning in India, Oxford University Press, 2021

2. Michael P. Todoro and Stephen. C.Smith, Economic Development, Pearson, UK, Longman, London, 13th edn, 2020.

3. Gerard Roland, Development Economics, Routledge Publishers, New York,2014.

4. Bhabesh Sen. Ed, Economic Development and Poverty in India, New Century Publications, New Delhi, 2012.

5. Agion and Philippe, Economics of Growth, PHI Learners, new Delhi, 2010.

Course Outcomes

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

K1	CO1	Understand the nature of developing economy
K2	CO2	Describe the theories of economic development
K5	CO3	Measure the growth and development of the economy
K4	CO4	Analyse various models of economic growth
K5	CO5	Critically appraise the capital formation, human capital and foreign capital

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	M	S	S	N	M	S	S	S
CO2	S	S	S	W	S	S	S	S	S	S	M	M	M
CO3	S	N	S	M	S	M	S	S	N	M	W	M	M
CO4	S	S	S	S	S	M	S	S	N	W	M	S	S
CO5	S	s	M	N	W	M	S	S	S	S	N	M	S

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation

SEMESTER-IV

Course Code	P21ECE411	WELFARE ECONOMICS	L	T	P	C
ELECTIVE-II			4	-	-	4

Course Objectives

1. To provide knowledge on the basic concepts of welfare economics.
2. To provide knowledge on importance of welfare in modern economy.
3. To provide knowledge on theories of welfare economics.
4. To enhance the knowledge of the students in the subject matter of welfare economics.
5. To enable the students to understand the behaviour of consumers.

UNIT I: Introduction to Welfare Economics (12 Hours)

Definition and Meaning of Welfare Economics – Difference between Welfare Economics and Positive Economics – Concept of Social Welfare in Welfare Economics – Old Welfare Economics – Pigouvian Welfare Condition – Analysis of Externalities – Pigou's ideal output.

UNIT II: The Walrasian general equilibrium (12 Hours)

Introduction – The Walrasian general Equilibrium Model – 2x2x2 Graphical General Equilibrium Model.

UNIT III: The Pareto's Optimum (12 Hours)

The Pareto's Optimum, Compensation criteria – Kaldor, Hicks criterion, Scitovsky Criterion, Little Criterion – Social Welfare Function – Arrows Impossibility Theorem, Maximization of Social Welfare – Production possibility Curve (PPC) – PPC to grand possibility curve (GPC) – Rawls theory of Social Justice.

UNIT IV: Pareto's exchange (12 Hours)

Optimum conditions of Pareto's exchange – Factors substitution and degree of specialization – Optimum conditions of product utilization and product substitution – Pareto's Optimality – Trade Off between Efficiency and Equity – Theory of Second Best.

UNIT V: Economics of Risk and Uncertainty (12 Hours)

Economics of Risk and Uncertainty – Individual Consumer Behaviour Risk, Gambling and Insurance – Choice between Insurance and gambling Asset port folio selection.

Text Book

1. Edgar K.Browning, Mark A. Zupan, Micro Economics : Theory and Applications, 13th Edition, Wiley Publications, 2020

References

1. DN.Dwivedi, Micro Economics Theory and Applications: Third Edition Vikas Publication Pvt. Ltd., 2016.

2. Jhingan M.L., Advanced Economic Theory, .Himalaya Publishing House, New Delhi, 2014

3. Koutsoyiannis, A, Modern Economics, Macmillan press, London,2014.

4. Maddala G.S and Miller, Ellen, Micro Economics: Theory and Applications, Tata McGraw Hill, New Delhi, 2004.

Course Outcomes

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

K2	CO1	Enhance their knowledge on welfare economics
K1	CO2	Understand the concepts of social welfare.
K3	CO3	Estimate the responsibility of all the firms in the society.
K4	CO4	Analyse risks and uncertainty in the economy.
K6	CO5	Create awareness on the social cost and benefits in the modern economy

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	W	W	N	N	N	W	M	N	W	W	M	S
CO2	W	S	S	M	N	S	S	S	S	S	S	M	S
CO3	W	S	S	M	W	M	S	S	S	M	M	S	S
CO4	M	S	S	W	N	M	S	S	M	S	S	S	S
CO5	N	S	S	W	N	S	M	W	W	S	W	S	S

*S-Strongcorrelation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECE412	EXPORT MARKETING AND PROCEDURE	L	T	P	C
ELECTIVE-II			4	-	-	4

Course Objectives

1. To improve the knowledge of the Students in Export Marketing and procedure.

2. To equip the Students to gain knowledge and skills in Export Policy and Marketing Decision.

3. To make the students to be aware of the importance of export pricing and costing.

4. To prepare the students to be aware of the export finance and post shipment finance.

5. To enable the student to understand the export marketing communication.

UNIT I: Export Marketing -Introduction (12 Hours)

Export Marketing - Definition – features – importance of marketing – Distinction between market and marketing – Approaches of Export Marketing – Export Decisions – Various types of marketing Decisions – Export Documents and Procedure – Commercial Invoice , Shipping Bill , Certificate of Origin – Pre-shipment procedure of export marketing.

UNIT II: Export Policy and Decision (12 Hours)

Export policy and decision – definition – Need and Importance – Factors affecting export policy – International market – Branding decision in international market – Branding problem in export marketing – Segmentation, strategies of International market segmentation – Basis of market segmentation – Segmentation of consumer market.

UNIT III: Export Pricing and Costing (12 Hours)

Export Pricing and costing – Factors influencing pricing decisions – Process of price determination of a product - kinds of pricing and policies – International price , export costing - various elements of costs –Production -selling and special costs.

UNIT IV: Export Finance (12 Hours)

Export Finance- Need and purpose- time and source – pre- shipment finance- packing credit – period of packing credit – packing credit to sub – suppliers – foreign currency – post shipment finance – Trade finance – export finance in India – Marketing mix and system – element of marketing system.

UNIT V: Export Communication   (12 Hours)

Export Communication – communication process – factors influencing international marketing communication – Export marketing channels of communication - channel of distribution – selection of distribution channel.

Text Book

1. Natarajan .L., International Marketing , Margham Publications, Chennai, 2014

References

1. Balaji.C.D., International Trade, Margham Publications, Chennai, 2018
2. Kapoor D, Marketing Management and Sales Management, Sultan and company Ltd. New Delh, 2017
3. Kathiresan S, and Radha V, Marketing Management, Bhavani Publications Chennai, 2011
4. Sankaran.S., International Trade, Margham Publications, Chennai, 2011

Course Outcomes

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

K1	CO1	Understand the theories of Export marketing
K2	CO2	Describe the export marketing procedure and policy decision
K4	CO3	Assess the Regulation and Prohibition measures of Export pricing and costing.
K5	CO4	Evaluate India's Export finance
K6	CO5	Create export marketing communication

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	M	N	M	M	M	M	S	M	S	S
CO2	S	S	M	S	M	S	S	M	S	M	S	S	M
CO3	S	S	M	S	M	S	S	M	S	M	M	S	S
CO4	S	S	M	N	M	S	S	M	N	M	N	M	M
CO5	M	S	M	M	S	M	S	M	M	S	S	S	S

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation

Course Code	P21ECE421	ECONOMICS OF HUMAN RESOURCE	L	T	P	C
ELECTIVE-III			4	-	-	4

Course Objectives

1. To familiarize the concepts of human resources
2. To gain sound knowledge on issues in Education
3. To enable the students to know about the importance of investment in health
4. To gain knowledge on Wage theories
5. To enable the student to understand the human resource requirements.

UNIT I: Human Resource and Economic Development   (12 Hours)

Importance of Human Resource- Human Resource and Economic Development- Investment in Human Capital- Unemployment- Types, Causes and remedies.

UNIT II: Investment on Education   (12 Hours)

Importance of Education- Education and Economic Development- Women's Education- Issues in Education.

UNIT III: Investment on Health   (12 Hours)

Importance of human Resource in Health- Investment in Health-Healthcare Expenditure in India-Healthcare Issues and Challenges- Health Insurance for poor.

UNIT IV: Labour Market   (12 Hours)

Theories of Labour Market- Wage theories-Trade Unions- Women and Child Labour- Labour Market Discrimination-Wage discrimination- Social Security in India.

UNIT V: Human Resource Planning   (12 Hours)

Importance of Human Resource Planning-Forecasting Human resource requirements-Orientation and Training-Training process.

Text Book

1. Jaysankar,J, Human Resource Management, Margham Publications, Chennai, 2011

References

1. Steve Bradley & Colin Green, The Economics of Education, Academic Press, 2020.

2. Jhingan M L, The Economics of Development and Planning, Vrinda Pub, 2019.

3. Ruddar Dutt & K.P.M. Sundaram, Indian Economy, S.Chand & Co, New Delhi, 35th edn, 2018.

4. Michael Lovenheim & Sarah Turner, Economics of Education, Worth Publishers, 2017.

5. Jon Ingham, Strategic Human Capital Management, Butterworth-Heinemann, 2006.

Course Outcomes

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

K1	CO1	Understand the importance of Human Resource Development
K2	CO2	Identify the importance of investment on Education and Health
K4	CO3	Assess the impact of health care on human resources
K5	CO4	Evaluate the theories of Labour Market and the issues in Social Security Measures.
K6	CO5	Create awareness on training of employees

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	S	M	M	S	M	S	S	N	W	W	M	M
CO2	S	S	M	M	S	N	S	S	M	M	N	S	M
CO3	S	M	M	W	M	W	S	W	S	M	N	S	M
CO4	S	W	M	M	S	S	M	M	S	W	W	S	M
CO5	S	M	M	N	M	M	S	S	W	S	N	S	M

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECE422	DEMOGRAPHY	L	T	P	C
ELECTIVE-III			4	-	-	4

Course Objectives
1. To make the students to understand about the demography.
2. To know about the reasons for migration.
3. To understand the population policy in India
4. To equip the students with the knowledge regarding the relationship between demography and economic development
5. To understand the population trends in India.

UNIT I: Population and Development   (12 Hours)
Population and Development- Meaning and scope of demography; components of population growth and their interdependence; Measures of population change; Structure, distribution and sources of population data; Theories of population – Malthus, Optimum theory of population; theory of demographic transition –Population and development.

UNIT II: Population Trends   (12 Hours)
Population trends in the twentieth century; Population explosion –Determinants of age and sex structure; Demographic effects of sex and age structure, economic and social implications; Age pyramids and projections.

UNIT III: Fertility, Nuptiality and Mortality   (12 Hours)
Fertility, Nuptiality and Mortality-Importance of study of fertility – Factors affecting fertility – Socio-economic factors. Nuptiality – Concept and analysis of marital status, single mean age at marriage. Mortality – Death rates, crude and age-specific; Mortality at birth and infant mortality rate.

UNIT IV: Migration and Urbanization   (12 Hours)
Migration and Urbanization-Concept and types – Temporary, internal and international; International migration –Its effect on population growth and pattern; Factors affecting migration; Urbanization – Growth and distribution of rural-urban population in developed and developing countries. Urbanization in India.

UNIT V: Population Policy (12 Hours)

Population Policy in India-Evolution of population policy in India – The shift in policy from population control to family welfare, to women empowerment; Family planning strategies and their outcomes.

Text Book

1. M.L. Jhingan, B.K. Bhatt and J.N. Desai, Economic Planning and Development, 3rd Edition, Vrinda Publication (P) Ltd. New Delhi, Reprint 2019.

References

1. Rajendra K Sharma, Demography and Population Problems, Atlantic Publishers, 2020.
2. Krishnamurthy Srinivasan, Population Concerns in India: Shifting Trends, Policies and Programs, Sage Pub, 2017.
3. Bedprakas SyamRoy, India's Journey Towards Sustainable Population, Springer, 2017.
4. Mahendra K Premi, India's Changing Population Profile, Kindle edn, 2011.
5. Choubey, P. K., Population Policy in India, Kanishka Publications, New Delhi, 2000.

Course Outcomes

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

K2	CO1	Describe the growth of population in India
K3	CO2	Examine the theories of population
K1	CO3	Understand the concepts of Fertility, Nuptiality and Mortality
K5	CO4	Analyse the reasons for migration
K4	CO5	Develop a proactive attitude towards the population policy

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes							Programme Specific Outcomes					
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	M	M	M	M	N	M	M	M	M	N	N	S	M
CO2	S	S	M	S	M	S	S	M	S	M	S	S	M
CO3	S	S	M	S	M	S	S	M	S	M	M	S	S
CO4	S	S	M	N	M	S	S	M	N	M	N	M	M
CO5	M	S	M	M	S	M	S	M	M	S	S	S	M

*S-Strong correlation ; M-Moderate correlation; W- Weak correlation, N – No correlation

Course Code	P21ECV11	MARKETING STRATEGIES	L	T	P	C
VALUE ADDED PROGRAMME I			2	-	-	2

Course Objectives

1. To improve the knowledge of the students on the basic concepts of the market.
2. To enhance the decision making power of students in the marketing under various environmental conditions.
3. To make the students to understand the Marketing environment.
4. To enhance the knowledge of the students on Pricing strategies.
5. To enable the students to understand the various forms of marketing services.

UNIT I: Nature and Scope of Marketing   (6 Hours)
Introduction : concepts, nature, scope and importance of marketing- Marketing concept and its evolution- market mix – Strategic marketing planning – an over view.

UNIT II: Product Decisions and Product mix   (6 Hours)
Concepts of a product – classification of products – Major product decisions –Product line and product mix - Branding , Packaging and labeling – Product life cycle – Strategic implications – Pricing decisions : Factors affecting price determination – Pricing strategies.

UNIT III: Marketing environment   (6 Hours)
Marketing environment – micro and macro components and their impact on marketing decisions – Market segmentation and positioning – Buyer behavior - consumer decision making process.

UNIT IV: Social, ethical and legal aspects of marketing   (6 Hours)
Social, ethical and legal aspects of marketing – Marketing services – international marketing – Green marketing , Cyber marketing – Relationship marketing and other developments of marketing.

UNIT V: Marketing Research   (6 Hours)
Meaning and scope of marketing research – Marketing research process – Marketing organization and control – organizing and controlling marketing operations-marketing strategies

References

1. Francis Cherunilam, International Marketing , , Himalaya Publishing House, New Delhi, 2021

2. Sherlekar.S.A, Marketing, Himalaya Publishing House, New Delhi, 2020

3. Karunakaran.K. Marketing Management, Himalaya Publishing House, New Delhi, 2017.

4. Kathiresan S and Radha.V, Marketing Management, Prasanna Publications, Chennai, 2011

5. Saxena, Rajan, Marketing Management, Tata McGraw Hill, New Delhi, 4th edn, 2009.

6. Kapoor. D.C, Marketing Management and Sales Management, Sultan Chand and Company Ltd, New Delhi, 2006.

Course Outcomes

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

K1	CO1	Understand the conceptual framework of marketing and its applications.
K2	CO2	Take decision in marketing under various environmental constraints.
K3	CO3	Examine market analysis and select suitable strategies
K5	CO4	Analyse the issues and development in marketing
K6	CO5	Prepare themselves to conduct marketing research

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme Specific Outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	S	S	M	M	S	N	W	S
CO2	S	M	S	N	M	S	M	M	M	W	M	M	M
CO3	S	S	M	M	S	M	S	W	S	S	M	S	N
CO4	S	M	M	S	S	S	S	M	M	S	N	W	S
CO5	S	W	W	M	M	N	M	W	S	N	M	M	M

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.

Course Code	P21ECV42	DATA ANALYSIS	L	T	P	C
VALUE ADDED PROGRAMME II			2	-	-	2

Course Objectives

1. To impart knowledge on available statistical software
2. To impart knowledge in steps in data storage
3. To provide knowledge on visualization and representation
4. To help the students to adopt appropriate tools in research
5. To help the students to use SPSS package in their research

UNIT I: Statistical software (6 Hours)
Using data-available statistical software-steps in data storage

Data input and output-process of data analysis

UNIT II: Organisation and planning (6 Hours)
Organization and planning

Techniques for anlysing quantitative data

UNIT III: Computerised Data Analysis (6 Hours)
SPSS package-applications

Free software for data analysis

UNIT IV: Visualization and Representation (6 Hours)
Visualization and representation

Alternative forms of presenting summarizing and presenting data

UNIT V: Estimation techniques (6 Hours)
Simple estimation techniques

Tests for statistical inference

Text Book

1. Jennifer Sargunar, Introduction to Information Technology, Dorling Kindersley (India) Pvt. Ltd, 2011

References

1. Tattar.P, Ramaiah.S, Manjunath.B .A, Course in Statistics, Wiley, 2018

2. Levine.D, Stephen D, Szabat.K, Statistics for Managers using Microsoft Excel, Pearson, 2017

Course Outcomes

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

K1	CO1	Understand the steps in data storage
K2	CO2	List the available statistical software
K4	CO3	Evaluate the impact of visualization and representation
K3	CO4	Apply appropriate tools in research
K6	CO5	Analyse data using various computerised software

Mapping of COs and POs and PSOs

Course Outcomes	Programme Outcomes								Programme specific outcomes				
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	S	M	S	S	S	M	S	M	M	S	N	W	W
CO2	S	M	S	N	M	M	M	M	M	W	M	M	M
CO3	S	S	M	M	S	M	S	W	S	M	M	S	N
CO4	S	M	M	S	S	S	M	M	M	S	N	W	S
CO5	S	W	W	M	M	N	M	W	S	N	M	M	W

*S-Strong correlation; M-Moderate correlation; W- Weak correlation, N – No correlation.