Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of Course	TYBA
2	Eligibility for Admission	12th and the equivalent [of recognized Boards]
3	Passing Marks	40%
4	Ordinances/Regulations (if any)	-
5	No. of Years/Semesters	One year/Three semesters
6	Level	U.G.
7	Pattern	Semester
8	Status	New
9	To be implemented from Academic year	2022-2023

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE, VASHI.
NAVI MUMBAI
Sector-15- A, Vashi, Navi Mumbai - 400 703

(**AUTONOMOUS COLLEGE**)
Syllabus for Economics
Program: BA.
Course: Undergraduate Economics

(Choice Based Credit System with effect from the academic year 2022-2023)

Preamble of the Syllabus:

Bachelor of Arts (Economic) is a under graduation programme of Department of Economics, Karmaveer Bhaurao Patil College Vashi, Navi Mumbai [Autonomous College]

The Choice Based Credit and Grading System to be implemented through this curriculum would allow students to develop a strong footing in the fundamentals and specialize in the disciplines of his/her liking and abilities. The students pursuing this course would have to develop understanding of various aspects of Economics. The conceptual understanding, development of experimental skills, developing the aptitude for academic and professional skills, acquiring basic concepts and understanding of hyphenated techniques are among such important aspects.

Program Outcomes (POs)

Learners are able to–

PO-1	**Disciplinary Knowledge**	Build conceptual foundation and application skills in the area of Economics, English Literature, Geography, Psychology, and Philosophy seeking youth fit for employment as well as making appropriate/ rational decisions in their day-to-day personal and public life.
PO-2	**Communication Skills**	Communicate effectively in Marathi, Hindi, and English to make meaning of the world by connecting people, ideas, books, media, and technology
PO-3	**Critical Thinking**	Develop critical thinking towards current economic, social, cultural, philosophical, psychological, and environmental issues, to deal with impediments/hurdles in life with courage and a positive perspective.
PO-4	**Social Interaction and Social Justice**	Elicit views of others, mediate disagreements and help to reach conclusions in the group, and contribute to social justice and inclusive growth.
PO-5	**Responsible Citizens**	Inculcate human values, sense of social service, egalitarian, righteous conduct for self, family society and make responsible and dutiful citizens
PO-6	**Ethics**	Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
PO-7	**Research Skills**	Identify the problems in different areas, select and execute appropriate research methodology, conduct research, write a meaningful report, and communicate it to the stakeholders.
PO-8	**Self-directed and Life-long Learning**	Acquire the ability to engage in independent and life-long learning in the broadest context of socio-cultural and technological changes.
PO-9	**Environment and Sustainability**	Understand the issues of environmental contexts along with awareness, needs, growth, and efforts taken at the national and international level through MDGs, SDGs, and other related policies for sustainable development.

Program Specific Outcomes (PSOs)		
PSO1	Knowledge of Economic System	Understand economic problems, concepts, theories, policies, functioning of the economy and relations with rest of the world
PSO2	Acquaint Demographic Features	Variables, concepts, concerned policies and measures, tools and techniques for measuring different variables, related issues and future prospects.
PSO3	Research and Statistical Analysis Skills	Collection, organization, tabulation, coding, and analysis of empirical data. Its analysis interpretation and policy implications, report writing and presentation.
PSO4	Know Indian Economy	Structure, features, basic issues specially agriculture, industry, service sectors and latest developments.
PSO5	Determine Economic Variables	Inflation, unemployment, poverty, GDP, Balance of Payments, Foreign exchange rate etc.
PSO6	Entrepreneur Skill	Enhancing skills required to be entrepreneur, know Government policies and financial sources available, principles and expectations of stakeholders.
PSO7	Aspects of International Trade	Theories, related concepts, composition, trends, policies, trading partners of India and economic relations with other countries.
PSO8	Financial Roles and Responsibilities of the Government	Constitutional provisions of taxes, changes, canons, effects, principles of expenditure and maximum social advantages of the society.

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE, VASHI.
NAVI MUMBAI (Autonomous)
(w.e.f. academic year 2022-23)

Semester-V

Course Code	Course Name	Teaching Scheme (Hours/Week)	Examination Scheme and Marks			Credit Scheme
		Lecture	C I E	Sem End-Exam	Total	
		4	40	60	100	
UGECO501	Advanced Economic Theory	04	40	60	100	04
UGECO502	Economics of Development	04	40	60	100	04
UGECO503	Indian Financial System	04	40	60	100	04
UGECO504	Research Methodology	04	40	60	100	04
UGECO505	Public Finance	04	40	60	100	04
UGECO506	Industrial Economics	03	40	60	100	03
	Total	**23**	**240**	**360**	**600**	**23**

Semester-VI						
Course Code	Course Name	Teaching Scheme (Hours/ Week)	Examination Scheme and Marks			Credit Scheme
		Lecture	C I E	Sem End- Exam	Total	
		4	40	60	100	
UGECO601	Advance Economic Theory	04	40	60	100	04
UGECO602	Economics of Development	04	40	60	100	04
UGECO603	Indian Financial System	04	40	60	100	04
UGECO604	Research Methodology	04	40	60	100	04
UGECO605	International Economics	04	40	60	100	04
UGECO606	Entrepreneurship Development	03	40	60	100	03
	Total	23	240	360	600	23

Note: All topics have to be covered with proof in details (unless mentioned otherwise) and examples.

Syllabus

Semester V

Advanced Economic Theory				
Course Code	Unit	Topics	Credits	L/Week
UGECO501	I	Decision making under Oligopoly	4	4
	II	Theory of Factor Pricing		
	III	General Equilibrium and Social Welfare		
	VI	Economics of Information		
Economics of Development				
Course Code	Unit	Topics	Credits	L/Week
UGECO502	I	Meaning of Development	4	4
	II	Theories of Development		
	III	Issues in Development		

	VI	Poverty, Inequality and Development		

Indian Financial System				
Course Code	Unit	Topics	Credits	L/Week
UGECO503	I	Overview of the Indian financial system	4	4
	II	Money market		
	III	Capital market-I		
	VI	Capital market-II		

Research Methodology				
Course Code	Unit	Topics	Credits	L/Week
UGECO504	I	Introduction	4	4
	II	Research Design		
	III	Hypothesis		
	VI	Data Collection		

Public Finance				
Course Code	Unit	Topics	Credits	L/Week
UGECO505	I	Introduction to Public Finance	4	3
	II	Public Revenue		
	III	Public Expenditure and Public Debt		
	VI	Fiscal Policy and Union Budget		

Industrial Economics				
Course Code	Unit	Topics	Credits	L/Week
UGECO506	I	Introduction to Industrial Economics	3	3
	II	Industrial Location Theories and Regional Imbalance		
	III	Industrial Productivity and Industrial Sickness		
	VI	Industrial Productivity and Industrial Sickness		

Semester VI

Advanced Economic Theory				
Course Code	Unit	Topics	Credits	L/Week
UGECO601	I	IS-LM Model	4	4
	II	Open Economy Macroeconomics		
	III	Monetary, Fiscal Policy and Stabilization Policy		
	VI	International Monetary History, 1900-present		

Economics of Development				
Course Code	Unit	Topics	Credits	L/Week
UGECO602	I	Meaning of Development	4	4
	II	Theories of Development		
	III	Issues in Development		
	VI	Poverty, Inequality and Development		

Indian Financial System				
Course Code	Unit	Topics	Credits	L/Week

UGECO603	I	Financial institutions	4	4
	II	Investment institutions		
	III	Financial instruments		
	VI	Regulatory institutions		

Research Methodology				
Course Code	Unit	Topics	Credits	L/Week
UGECO504	I	Sampling	2	3
	II	Processing and Representation of Data		
	III	Techniques of Data Analysis		
	VI	Report Writing		

Public Finance				
Course Code	Unit	Topics	Credits	L/Week
UGECO505	I	Introduction to Public Finance	4	3
	II	Public Revenue		
	III	Public Expenditure and Public Debt		
	VI	Fiscal Policy and Union Budget		

Entrepreneurship Development				
Course Code	Unit	Topics	Credits	L/Week
UGECO606	I	Introduction to entrepreneurship	3	3
	II	Entrepreneurship and Its Relevance in India		
	III	Entrepreneurial Development		
	VI	Policies for Entrepreneurial Development		

Teaching Pattern
1. For UGECO501 to UGECO506 and UGECO601 and UGECO606 four lectures per week per course. Each lecture should be of one-hour duration.

SEMESTER V
UGECO501 ADVANCED ECONOMIC THEORY
Total Marks: 100(Theory 60 and CIE 40)
Workload: 4 Lectures **Credit:** 4
Duration: 48 Hrs. **Examination**: 2 Hrs.
Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Judge how decisions are made under uncertain situation of the market. [3] *
CO2: Demonstrate different strategies followed by player/ sellers in imperfect market. [2] *
CO3: Understand theories of factor pricing in perfect and imperfect market. [2] *
CO4: Understand interdependency of economic agents for achieving general equilibrium. [2] *
CO5: Detecting principles and obstacles in achieving maximum social welfare. [5] *
CO6: Identify role of information in economy and practical reality. [1] *

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

Module I: Decision making under Oligopoly
1.1 Cournot's Model
1.2 Collusion: Cartels and Price Leadership.
1.3 Kinky Demand Curve
1.4 Game Theory: Nash Equilibrium.
1.5 Prisoner's Dilemma

Module II: Theory of Factor Pricing
2.1 Pricing in Perfectly and Imperfectly competitive Markets.
2.2 Theory of Economic Rent
2.3 Wage Determination under Bilateral Monopoly and the Role of Collective Bargaining.
2.4 Loanable Funds Theory
2.5 Uncertainty and Theory of Profits.

Module III: General Equilibrium and Social Welfare
3.1 Interdependence in the Economy – General Equilibrium and its Existence-The Pareto Optimality
3.2 Condition of Social Welfare, Marginal Conditions for Pareto Optimal Resource Allocation
3.3 Perfect Competition and Pareto Optimality, Kaldor- Hicks Compensation Criterion
3.4 Arrow's Impossibility Theorem

Module VI: Economics of Information
4.1 Economics of Search: Search Costs, Information Failure and Missing Markets
4.2 Asymmetric Information: The Market for Lemons
4.3 Adverse Selection: Insurance Markets, Market Signaling
4.4 The Problem of Moral Hazard, the Principal-Agent Problem

References:

1. Dornbusch R S, Fischer and R Startz, Macroeconomics 8e New Delhi Tata Mc Grow Hill 2004 [UNIT- 6]
2. Dwiwedi D N , Principles of Economics, New Delhi, Vikas Publishing House, 2008
3. (UNIT- 7)
4. Froyen R T Macroeconomics : Theories and Policies , Delhi Pearson Education Asia, 2001 [UNIT- 5]
5. Mankiw N Gregory, Macroeconomics, 6e New York, Worth Publishers 2003, [UNIT- 5,6] Mankiw N G , Principles of Economics, 6e New York, Worth Publishers 2003
6. Musgrave R A and P B Musgrave, Public Finance in Theory and Practice, 5e New York, Mc Graw Hill International Edition, 1989 [UNIT- 8]
7. Koutsoyannis , Modern Microeconomics, Macmillan Press Ltd., London
8. Salvatore D Microeconomics : Theory and Applications , New Delhi Oxford, New Delhi Oxford University Press 2006 [UNIT- 1-4]
9. Salvatore,D. (1997) International Economics, Printice Hall, New York [UNIT- 7]

10. Sodersten, Bo (1991), International Economics, The Mc Millan Press, London [UNIT- 7]
11. Stiglitz J Economics of Public Sector 3e New York W Norton and Co 2000, [UNIT-8]
12. Sujoy Chakravarty, Daniel Friedman, Gautam Gupta, Neeraj Hatekar, Santanu Mitra, Shyam Sunder (2011) Economic & Political Weekly, August 27- September 2, 2011 Vol. XLVI No. 35 P 39-78.

UGECO501
ADVANCED ECONOMIC
THEORY

Course Outcomes: After successful completion of this course, students will be able to:

CO1: Judge how decisions are made under uncertain situation of the market. [3] *
CO2: Demonstrate different strategies followed by player/ sellers in imperfect market. [2] *
CO3: Understand theories of factor pricing in perfect and imperfect market. [2] *
CO4: Understand interdependency of economic agents for achieving general equilibrium. [2] *
CO5: Detecting principles and obstacles in achieving maximum social welfare. [5] *
CO6: Identify role of information in economy and practical reality. [1] *

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Problem Solving and Participative
(Participative, Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	-	2	-	-	-	-	1	-
CO2	2	-	3	1	-	-	3	1	-
CO3	1	-	1	-	-	-	1	2	-
CO4	1	-	1	-	-	-	1	2	-
CO5	2	-	3	2	-	1	2	1	1
CO6	2	-	1	1	-	-	-	-	-

*In CO-PO Mapping Matrix: a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium), 3 being substantial (high) and '-' indicate there is no correlation in respective CO and PO.

UGECO502 ECONOMICS OF DEVELOPMENT

Total Marks: 100(Theory 60 and CIE 40)
Workload: 4 Lectures **Credit:** 4
Duration: 48 Hrs. **Examination**: 2 Hrs.
Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Understand different economic growth and development models. (2&5)
CO2: Understand role of government in economic development.(2)
CO3: Defining poverty ,inequality and need of human development index .(1)
CO4: Understand needs importance and role of micro finance in economic development. (2)
CO5: Identify causes and consequences of in equal development. (1)
CO6: Understand diversity in rural and urban development. (2)

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

Module I: Meaning of Development
1.1 Development and related concepts: economic growth, economic   development,
1.2 Human development,
1.3 Sustainable development,
1.4 Sen's views on development
1.5 Millennium Development Goals (MDGs)
1.6 Measurement: Income indicators and their limitations,
1.7 Human Development Index,
1.8 Gender-related Development Index

Module II: Theories of Development
2.1 Rostow's stages of growth
2.2 Big push theory
2.3 Critical Minimum Effort
2.4 Harrod- Domar growth model
2.5 Structural change and Lewis' model of unlimited supplies of labour,
2.6 Solow's growth theory,
     Schumpeter's theory of development

Module III: Issues in Development
3.1 Rural-urban divide
3.2 Development and environment
3.3 Inclusive growth
3.4 Rural credits
3.5 Microfinance

3.6 Infrastructure in development

Module IV: Poverty, Inequality and Development

4.1 Measurement of poverty,
4.2 Head-Count Index and Poverty Gap Indices
4.3 Policy options for alleviation of poverty
4.4 Measurement of income inequality
4.5 Economic growth and income inequality
4.6 Kuznet's inverted U hypothesis
4.7 Impact of inequality on development, informal sector

References

1. Todaro, Michael P. and Stephen C. Smith. Economic Development, 8e. Delhi: Pearson Education, 2003.
2. Thirlwall, A.P. Growth and Development 8e. New York: Palgrave MacMillan, 2005.
3. Meier, Gerald M. and James E. Rauch. Leading Issues in Economic Development, 8e. New Delhi: Oxford Univ. Press, 2006.
4. Mamoria, Joshi, Principles and practice of marketing in India, KitabMahal, 1979.

UGECO502
ECONOMICS OF DEVELOPMENT

Course Outcomes: After successful completion of this course, students will be able to:

CO1: Understand different economic growth and development models. (2&5)

CO2: Understand role of government in economic development.(2)

CO3: Defining poverty ,inequality and need of human development index .(1)

CO4: Understand needs importance and role of micro finance in economic development. (2)

CO5: Identify causes and consequences of in equal development. (1)

CO6: Understand diversity in rural and urban development. (2)

 *Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Problem Solving and Participative (Participative, Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix								
CO\P	**PO1**	**PO**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**

O		**2**							
CO1	3	-	2	-	-	-	-	1	-
CO2	2	-	3	1	-	-	3	1	-
CO3	1	-	1	-	-	-	1	2	-
CO4	1	-	1	-	-	-	1	2	-
CO5	2	-	3	2	-	1	2	1	1
CO6	2	-	1	1	-	-	-	-	-

*In CO-PO Mapping Matrix: a correlation is established between COs and POs in the scale of 1 to 3, 1 being the   slight (low), 2 being moderate (medium), 3 being substantial (high) and '-' indicate there is no correlation in respective CO and PO.

UGECO503 INDIAN FINANCIAL SYSTEM

Total Marks: 100 (Theory 60 and CIE 40)
Workload: 4 Lectures **Credit:** 4
Duration: 48 Hrs. **Examination**: 2 Hrs.
Course Outcomes: Upon successful completion of this course, students will be able to:

  CO1: Understand meaning, function, role and importance of financial system. (2)
  CO2: Understand structure, growth of Indian financial system. (2)
  CO3: Understand characteristics, importance, functions, structure and instruments of money market.(2)
  CO4 : Commenting on Indian Money market. (5)
  CO5: Understand meaning, characteristics, functions, types and importance of capital market. (2)
  CO6: Understand need and important characteristics of government securities market. (2)
  CO7 : Identifying financial institution and financial instruments. (1)

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, **[CO4]**: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

Module I: OVERVIEW OF THE INDIAN FINANCIAL SYSTEM
 1.1 Definition and Meaning of the Financial System
 1.2 Functions of financial system
 1.3 Role and Importance of Financial System
 1.1   Structure of Indian Financial System
 1.5 Growth and Development of Indian Financial System

Module II: Money Market
 2.1 Characteristics of Indian money market
 2.2 Characteristics of a Developed Money Market

2.3 Functions of Money Market
2.4 Importance of Money Market
2.5 Components of Money Market (Structure of Money Market)
2.6 Money Market Instruments

Module II: Capital Market -I
3.1 3. Meaning and definition of capital market
3.2 Characteristics of Capital Market
3.3 Functions of a Capital Market
3.4 Importance of Capital Market
3.5 Distinguish between Money Market and Capital Market
3.6 Primary or New Issue Market- functions, players in the primary market

Module VI: Capital Market-II
4.1 Government Securities Market
4.2 Characteristics of Gilt-edged Securities Market
4.3 Financial Institutions- New Financial Instruments in the Capital Market
4.4 Secondary Market- meaning, characteristics, functions
4.5 Difference between Primary and Secondary Market

References:

1. Pathak Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.
2. Bhole L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.
3. Bodie, Z. et. el. (2009), Financial Economics, Pearson Education, New Delhi.
4. Hull John (2002): Introduction to Futures and Options Market, Prentice Hall of India, Delhi.
5. Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
6. Paul, J. and P. Suresh (2008), Management of Banking and Financial Services, Pearson Education, Delhi.
7. Reserve Bank of India (various issues) Report on Currency and Finance, RBI, Mumbai.
8. Reserve Bank of India (1997) Occasional Papers, Vol. 18, Nos. 2 & 3, RBI, Mumbai.
9. Strong, R. A. (2002); Derivatives: An Introduction; Thomson Asia Pte. Ltd, Bangalore.
10. Sridhar, A. N. (2006); Futures and Options – Equities and Commodities; Shroff Publishers, Mumbai.

UGECO503
INDIAN FINANCIAL SYSTEM
Course Outcomes: After successful completion of this course, students will be able to:
CO1: Understand meaning, function, role and importance of financial system. (2)
CO2: Understand structure, growth of Indian financial system. (2)
CO3: Understand characteristics, importance, functions, structure and instruments of money market.(2)
CO4 : Commenting on Indian Money market. (5)

CO5: Understand meaning, characteristics, functions, types and importance of capital market. (2)
CO6: Understand need and important characteristics of government securities market. (2)
CO7 : Identifying financial institution and financial instruments. (1)

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Problem Solving and Participative (Participative, Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix									
CO\PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	3	-	1	-	-	-	1	1	-
CO2	3	-	1	-	-	-	-	-	-
CO3	2	1	2	1	-	-	-	-	-
CO4	2	2	-	2	-	-	-	-	-
CO5	3	1	-	1	1	2	1	2	-
CO6	3	2	1	-	-	-	-	-	-
CO7	2	1	2	1	1	-	-	-	-

*In CO-PO Mapping Matrix: a correlation is established between COs and POs in the scale of 1 to 3, 1 being the   slight (low), 2 being moderate (medium), 3 being substantial (high) and '-' indicate there is no correlation in respective CO and PO.

UGECO504 RESEARCH METHODOLOGY

Total Marks: 100(Theory 60 and CIE 40)
Workload: 3 Lectures **Credit:** 4
Duration: 36 Hrs. **Examination**: 2 Hrs.
Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Know the Research and List out characteristics of research. **[4]**
CO2: Compare between pure and applied research. **[2]**
CO3: Understand the sources, arrange and identify the hypothesis. **[2]**
CO4: Design the data collection methods and describe the importance of data collection. **[4]**
CO5: Understand the characteristics of good hypothesis and describe various types of Hypothesis Testing. **[2&4]**
CO6: Analysis of steps in research design. **[4]**

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

Module I: Introduction
1.1 Meaning and definition of Research
1.2 Characteristics of Scientific Research
1.3 Objectivity in social sciences research
1.4 Significance of Research
1.5 Types of research: pure & applied research, exploratory or formulative research, descriptive research, historical research, experimental research, survey research, Quantitative and Qualitative Research

Module II: Research Design
2.1 Meaning and definition
2.2 Need and Importance of Research Design
2.3 Steps in Research Design
2.4 Features of Good Research Design

Module III: Hypothesis
3.1 Meaning and definition
3.2 Nature & Characteristics
3.3 Significance of Hypothesis
3.4 Types of Hypothesis
3.5 Sources of Hypothesis
3.6 Characteristics of Good Hypothesis

Module VI: Data Collection
4.1 Primary and Secondary data
4.2 Primary data collection methods
4.3 Sources of secondary data
4.4 Importance of Data Collection

References:

1. Goode J. William & Hatt K. Paul, Methods in social Research, New York, McGraw-Hill, 1952.
2. Kothari, C.R., Research Methodology: An Introduction, Delhi, New Age, 2004.
3. Krishnaswami, O.R & M. Ranganathan, Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai, 2011.
4. P. Saravanavel, Research Methodology, KitabMahal, Allahabad, 1987.
5. Gupta S. P., Statistical Methods, Sultan Chand and Sons, New Delhi, 2014 .
6. Rajaram V., Fundamentals of computers, Prentice Hall of India, New Delhi, 1996

UGECO504
RESEARCH METHODOLOGY
Course Outcomes: After successful completion of this course, students will be able to

CO1: Know the Research and List out characteristics of research. **[2]**
CO2: Compare between pure and applied research. **[2]**

CO3: Understand the sources, arrange and identify the hypothesis. **[2]**
CO4: Design the data collection methods and describe the importance of data collection **[4]**
CO5: Understand the characteristics of good hypothesis and describe various types of Hypothesis Testing. **[2&4]**
CO6: Analysis of steps in research design. **[4]**

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analysing, [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Problem Solving and Participative
(Participative, Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix									
CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	1	1	1	-	-	1	-	-
CO2	-	2	2	1	-	-	2	-	-
CO3	2	1	2	-	-	-	2	-	-
CO4	1	2	3	1	-	-	3	-	-
CO5	2	2	1	-	-	-	2	-	-
CO6	2	1	3	-	-	-	3	-	-

*In CO-PO Mapping Matrix: a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium), 3 being substantial (high) and '-' indicate there is no correlation in respective CO and PO.

UGECO505 PUBLIC FINANCE
Total Marks: 100 (Theory 60 and CIE 40)
Workload: 3 Lectures **Credit:** 3
Duration: 48 Hrs. **Examination**: 2 Hrs.
Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Understand the concept and scope of Public Finance. [2]*
CO2: Understand deferent theories of maximum social advantage. [2]*
CO3: Understand the concept, Canons - classification - economic effects of public spending and their effects on production and consumption [2] *
CO4 : Understand the concept, Canons - classification - economic effects of public spending and their effects on production and consumption [2] *

CO5: Understand the concept of Fiscal Policy**,** Objectives, constituents and Limitations also Understand the concepts of Sound and Functional Finance [2]*
CO6: Evaluate the Intergovernmental Fiscal Relations and budget policy

Module I: Introduction to Public Finance

1.1 Concept and Scope of Public Finance.
1.2 Principles of sound and functional finance.
1.3 The Principles of Maximum Social Advantage- Dalton's and Musgrave's approach.
1.4 Efficiency-Market-Government

Module II: Public Revenue

2.1 Sources of Public Revenue.
2.2 Canons of Taxation.
2.3 Shifting of Tax Burden
2.4 Economic Effects of taxation

Module III: Public Expenditure and Public Debt

3.1 Public Expenditure: Canons, Classification.
3.2 Growth of Public Expenditure and its Effects.
3.3 Public Expenditure and Social Welfare.
3.4 Public debt- Internal and External sources

Module IV: Fiscal Policy and Union Budget

4.1 Fiscal Policy
4.2 Types of Fiscal Policy.
4.3 Budget; Types and Concepts of Deficit.
4.4 FRBM Act.

Reference Books:

1. Atkinson, A.B. and J.E. Stiglitz (1980), Lectures on Public Economics, Tata McGraw Hill, New York.
2. Buchanan, J.M. (1970), The Public Finances, Richard D. Irwin, Homewood.
3. Goode, R. (1986), Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
4. Houghton, J.M. (1970), The Public Finance: Selected Readings, Penguin, Harmondsworth. Jha, R. (1998), Modern Public Economics, Rutledge, London.
5. Menutt, P. (1996), The Economics Public Choice, Edward Elgar, U.K.
6. Musgrave, R.A. (1959), The Theory of Public Finance, McGraw Hill, Kogakhusa, Tokyo

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UGECO505
PUBLIC FINANCE
Course Outcomes: After successful completion of this course, students will be able to:
CO1: Understand meaning, function, role and importance of financial system. (2)
CO2: Understand structure, growth of Indian financial system. (2)
CO3: Understand characteristics, importance, functions, structure and instruments of money market.(2)
CO4 : Commenting on Indian Money market. (5)

CO5: Understand meaning, characteristics, functions, types and importance of capital market. (2)
CO6: Understand need and important characteristics of government securities market. (2)
CO7 : Identifying financial institution and financial instruments. (1)

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analysing, [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Brainstorming, Problem Solving,
(Participative Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	-	2	1	1	1	1	1	1
CO2	2	-	3	2	1	1	2	1	1
CO3	3	-	2	1	1	1	1	1	1
CO4	3	-	2	1	1	1	1	1	1
CO5	3	-	3	2	1	1	2	1	1
CO6	3	-	3	2	1	1	2	1	1
CO7	3	-	3	2	2	1	2	1	1

UGECO506 INDUSTRIAL ECONOMICS

Total Marks: 100 (Theory 60 and CIE 40)
Workload: 3 Lectures **Credit:** 3
Duration: 48 Hrs. **Examination**: 2 Hrs.
Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Understand the concept, scope and significance of industrial economics. [2]
CO2: Commenting public sectors and private sectors performance and problems and probable solutions on them. [5]
CO3: Understand role of MNCs in industrial development. [2]
CO4 : Understand theories and causes of regional imbalance. [2]
CO5: Understand concept of an industrial efficiency / productivity, its measurement and factors affecting on industrial productivity. [2]

CO6: Understand related concepts, causes, effects and probable measures for industrial sickness in India . [5]

CO7 : Identifying and relating different industrial policies in India. (1)

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing, [**CO5**]: Evaluating, [**CO6**]: Creating

Module I: Introduction to Industrial Economics
  1.1 Concept and Scope of Industrial Economics.
  1.2 Public Sector - Performance and Problems.
  1.3 Private Sector – Performance and Problems.
  1.4 MNCs; Merits and Demerits
  1.5 Industrial Growth and Diversification

Module II: Industrial Location Theories and Regional Imbalance
  2.1 Determinants of Industrial Location, Theories of Industrial Location - Weber's and Sargent Florence's Theories.
  2.2 Problem of Regional Imbalance and Dispersion of Industries
  2.3 Regional disparities; Causes and Measures

Module III: Industrial Productivity and Industrial Sickness
3.1 Industrial Productivity; Concept, Measurement and Affecting Factors.
3.2 Rationalization – Concepts and Impacts.
3.3 Industrial Sickness – Concept, Causes, Effects and Measures

Module VI: Industrial Policies in India
4.1 New Industrial Policy- 1991, Disinvestment Policy.
4.2 Competition Act 2002.
4.3 Micro, Small and Medium Enterprises Development Act, 2006.
 4.4 Industrial Policy 2012

References:

1. Agrawal A.N, Indian Economy, New Age International Publishers, New Delhi, 2011.
2. Datt R. and Sundaram K.P.M, Indian Economy, S. Chand& Co., New Delhi, Recent Edition
3. Barthwal R.R, Industrial Economics, New Age International Publishers, NewDelhi, 2007.
4. Cherunilam. F, Industrial Economics: Indian Perspective, Himalaya Publishing House,Mumbai, 1994.
5. Desai S.S.M. and Bhalerao N, Industrial Economy of India, Himalaya Publishing House,Mumbai, 2008.
6. Kuchhal S.C, Industrial Economy of India, Chaitanya Publishing House, Allahabad, 1980.

UGECO506

INDUSTRIAL ECONOMICS

Course Outcomes: After successful completion of this course, students will be able to:

CO1: Understand the concept, scope and significance of industrial economics. [2]

CO2: Commenting public sectors and private sectors performance and problems and probable solutions on them. [5]

CO3: Understand role of MNCs in industrial development. [2]

CO4: Understand theories and causes of regional imbalance. [2]

CO5: Understand concept of an industrial efficiency / productivity, its measurement and factors affecting on industrial productivity. [2]

CO6: Understand related concepts, causes, effects and probable measures for industrial sickness in India. [5]

CO7: Identifying and relating different industrial policies in India. (1)

*Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analysing, [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used:	Videos, PPT, Pen-Tablet

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Brainstorming, Problem Solving, (Participative Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	1	2	1	1	1	1	1	1
CO2	2	2	3	2	1	1	2	1	1
CO3	3	2	2	1	1	1	1	1	1
CO4	3	1	2	1	1	1	1	1	1
CO5	3	2	3	2	1	1	2	1	1
CO6	3	1	3	2	1	1	2	1	1
CO7	3	2	3	2	2	1	2	1	1

*In CO-PO Mapping Matrix: a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium), 3 being substantial (high) and '-' indicate there is no correlation in respective CO and PO.

SEMESTER VI
UGECO601: ADVANCE ECONOMIC THEORY

Total Marks: 100(Theory 60 and CIE 40)
Workload: 4 Lectures (Per week per Batch) **Credit:** 4
Duration:48 Hrs. Examination: 2 Hrs.

Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Demonstrate equilibrium interest rate and output in open economy and analyze role of monetary and fiscal policy. [4]*
CO2: Understand role of effective demand in the economy. [2]*
CO3: Understand role, importance and functioning of foreign exchange market. [4]*
CO4: Understand different types and concept of foreign exchange rate .[3]*
CO5: Understand relative role of monetary and fiscal policy and its aims and objectives.[4]*
CO6: Understand history of international monetary relations and rise and fall of Bretton woods system. [2]*

*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

Module I: IS-LM Model
1.1 Money Market Equilibrium: LM Curve and its shifting
1.2 The Product Market Equilibrium: IS Curve and its shifting
1.3 The IS and LM curves combined – Factors influencing Equilibrium income and the interest Rate
1.4 Relative Effectiveness of Monetary and Fiscal Policies: Policy Effectiveness and the Slope of the IS schedule - Policy Effectiveness and the Slope of the LM schedule
1.5 Aggregate Supply Curve, Aggregate Demand Curve and Determination of Price level

Module II: Open Economy Macroeconomics
2.1 Determination of Exchange Rate in Foreign Exchange Markets: Fixed and Flexible
2.2 Nominal and Real Exchange rate
2.3 Mundell - Fleming Model- the Impossible Trinity
2.4 Purchasing Power Parity Theory: Absolute and Relative version
2.5 Balance of Payments: Components, Disequilibrium and Adjustments
     Introductions to Bit coin

Module III: Monetary, Fiscal Policy and Stabilization Policy
3.1 Monetary Policy: concept, tools and objectives
3.2 Fiscal Policy: concept, tools and objectives
3.3 Stabilization Policy
3.4 Should policy be active or passive?
3.5 Lags in the implementations and effects of the policy
    Making Policy in an uncertain world.

Module VI: International Monetary History, 1900-present

4.1 The Gold Standard – The Inter-War Period and the Great Depression – 1944,

4.2 Bretton Woods System and its collapse; Fixing in Europe via ERM, and the Dollar Standard elsewhere.

4.3 The Maastricht Treaty and preparations for the Euro; The Global Financial Crisis and its consequences for the Euro; The Euro Crisis

4.4 Asia Infrastructure Investment Bank (AIIB)

References:
1. Dornbusch R S, Fischer and R Startz, Macroeconomics 8e New Delhi Tata Mc Grow Hill 2004 [UNIT- 6]
2. Dwiwedi D N , Principles of Economics, New Delhi, Vikas Publishing House, 2008
3. (UNIT- 7)
4. Froyen R T Macroeconomics : Theories and Policies , Delhi Pearson Education Asia, 2001 [UNIT- 5]
5. Mankiw N Gregory, Macroeconomics, 6e New York, Worth Publishers 2003, [UNIT- 5,6] Mankiw N G , Principles of Economics, 6e New York, Worth Publishers 2003
6. Musgrave R A and P B Musgrave, Public Finance in Theory and Practice, 5e New York, Mc Graw Hill International Edition, 1989 [UNIT- 8]
7. Koutsoyannis , Modern Microeconomics, Macmillan Press Ltd., London
8. Salvatore D Microeconomics : Theory and Applications , New Delhi Oxford, New Delhi Oxford University Press 2006 [UNIT- 1-4]
9. Salvatore,D. (1997) International Economics, Printice Hall, New York [UNIT- 7]
10. Sodersten, Bo (1991), International Economics, The Mc Millan Press, London [UNIT- 7]
11. Stiglitz J Economics of Public Sector 3e New York W W Norton and Co 2000, [UNIT-8]
12. Sujoy Chakravarty, Daniel Friedman, Gautam Gupta, Neeraj Hatekar, Santanu Mitra, Shyam Sunder (2011) Economic & Political Weekly, August 27- September 2, 2011 Vol. XLVI
13.   No. 35 P 39-78.

UGECO601
ADVANCED ECONOMIC THEORY

Course Outcomes: After successful completion of this course, students will be able to:

CO1: Demonstrate equilibrium interest rate and output in open economy and analyze role of monetary and fiscal policy. [4] *

CO2: Understand role of effective demand in the economy. [2] *

CO3: Understand role, importance and functioning of foreign exchange market. [4] *

CO4: Understand different types and concept of foreign exchange rate.[3]*

CO5: Understand relative role of monetary and fiscal policy and its aims and objectives. [4] *

CO6: Understand history of international monetary relations and rise and fall of Bretton woods system. [2]*

*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet
Students Centric Methods: Economic Problem Solving and Participative (Participative, Problem Solving)
Links: SWAYAM / MOOCS:
The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	-	3	-	-	-	1	1	-
CO2	1	-	2	-	-	-	1	1	-
CO3	1	-	2	-	-	-	1	1	-
CO4	1	-	2	-	-	-	1	1	-
CO5	2	-	2	-	-	-	1	1	-
CO6	1	-	2	-	-	-	1	1	-

*In CO-PO Mapping Matrix: a correlation is established between COs and POs in the scale of 1 to 3, 1 being the slight (low), 2 being moderate (medium), 3 being substantial (high) and '-' indicate there is no correlation in respective CO and PO

UGECO602 ECONOMICS OF DEVELOPMENT

Total Marks: 100(Theory 60 and CIE 40)
Workload: 4 Lectures(Per week per Batch) **Credit:** 4
Duration:48 Hrs. **Examination**: 2 Hrs.

Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Understand concept of human resources and importance of human development.(2)
CO2: Understand impact of agricultural and rural underdevelopment on demographic transition.(2)
CO3: Evaluate role of international agencies and domestic government's policies in rural development agriculture in economic development, role of government policies for rural development. (5)
CO4: Understand changing role of development planning.(2)
CO5: Analyzing causes of urbanization and different models of development planning.(4)

  *Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

Module I: Population and Human Resources

1.1 Demographic transition
1.2 Microeconomic household theory of fertility
1.3 Approaches to population policy
1.4 Human Capital and its role in development
1.5 Health and Nutrition in Development

Module II: Structural Transformation

2.1 The Kuznets-Clark thesis,
2.2 Causes of urbanization
2.3 Migration and development
2.4 Policies for the urban informal sector,
2.5 Women in the informal sector,
2.6 Role of agriculture in economic development,
2.7 Policies for rural development

Module III: International Aspects of Development

3.1 Trade strategies for development: export promotion versus import substitution,
3.2 Foreign direct investment and multinational corporations,
3.3 Foreign portfolio investments and developing countries
3.4 Role of International Agencies in development – World Bank ,IMF and WTO

Module IV: Agencies of Development

4.1 Market, State, and Voluntary sector as agencies of development,
4.2 Types of Planning –
4.3 Changing role of development planning
4.4 Models of development planning,
4.5 Gender budgeting.
4.6 Structural adjustment and stabilization

References

1. Todaro, Michael P. and Stephen C. Smith. Economic Development, 8e. Delhi: Pearson Education, 2003.
2. Thirlwall, A.P. Growth and Development 8e. New York: Palgrave MacMillan, 2005.
3. Meier, Gerald M. and James E. Rauch. Leading Issues in Economic Development, 8e. New Delhi: Oxford Univ. Press, 2006.
4. Mamoria, Joshi, Principles and practice of marketing in India, KitabMahal, 1979.

UGECO602
ECONOMICS OF DEVELOPMENT
Course Outcomes: After successful completion of this course, students will be able to:
  CO1: Understand concept of human resources and importance of human development.(2)

CO2: Understand impact of agricultural and rural underdevelopment on demographic transition.(2)
  CO3: Evaluate role of international agencies and domestic government's policies in rural
          Development agriculture in economic development, role of government policies for rural
          development. (5)
  CO4: Understand changing role of development planning.(2)
  CO5: Analyzing causes of urbanization and different models of development planning.(4)

  *Note: [**CO1**]: Remembering, [**CO2**]: Understanding, [**CO3**]: Applying, [**CO4**]: Analyzing,
  [**CO5**]: Evaluating, [**CO6**]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Problem Solving and Participative
(Participative, Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	-	2	-	-	-	-	1	-
CO2	2	-	3	1	-	-	3	1	-
CO3	1	-	1	-	-	-	1	2	-
CO4	1	-	1	-	-	-	1	2	-
CO5	2	-	3	2	-	1	2	1	1
CO6	2	-	1	1	-	-	-	-	-

UGECO603: INDIAN FINANCIAL SYSTEM
Total Marks: 100(Theory 60 and CIE 40)
Workload: 4 Lectures (Per week per Batch) **Credit:** 4
Duration:48 Hrs. **Examination**: 2 Hrs.

Course Outcomes: Upon successful completion of this course, students will be able to:

  CO1: Understand role and classification of financial institution. (2)
  CO2: Identifying different investment institution in Indian financial market. (1)
  CO3: Distinguish traditional and hybrid financial instruments. Understand different types of bonds.
          (3&2)
  CO4: Understand need and importance of credit control. (2)
  CO5: Understand role of RBI, SEBI, and IRDA in regulating financial market in India. (2)

*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

MODULE I Financial Institution
1.1 Role of Financial Institution in the Financial System
1.2 Classification of Financial Institutions
1.3 Banking Financial Institutions
1.4 Non-Banking Financial Institutions- IFCI, IDBI, ICICI, SFCs

MODULE II: Investment Institution
2.1 Unit Trust of India (UTI)
2.2 Life Insurance Corporation of India (LIC)
2.3 General Insurance Corporation of India (GIC)
2.4 Mutual Funds

MODULE III: Financial Instrument
3.1 Traditional Instruments: Equities, Debentures and Bonds
3.2 Hybrid Instruments
3.3 Different types of Bonds such as Floating Rate Bonds, Zero interest bonds, Deep Discount bonds, Inverse float bonds

MODULE VI Regulatory Institutions
4.1 Reserve Bank of India (RBI)
4.2 Credit control
4.3 Securities Exchange Board of India (SEBI)
4.4 Insurance Regulatory and Development Authority of India (IRDAI)Limit Pricing

References:

1.Pathak Bharati (2008): The Indian Financial System –Markets, Institutions, and Services, (2nd Edition), Pearson Education, New Delhi.

2. Bhole L. M. (2008): Financial Institutions and Markets, Growth and Innovation, Tata McGraw-Hill, New Delhi.

3. Bodie, Z. et. el. (2009), Financial Economics, Pearson Education, New Delhi.
4. Hull John (2002): Introduction to Futures and Options Market, Prentice Hall of India, Delhi.
5. Khan, M.Y. (2007): Financial Services, Tata McGraw Hill, New Delhi.
6. Paul, J. and P. Suresh (2008), Management of Banking and Financial Services, Pearson Education, Delhi.
7. Reserve Bank of India (various issues) Report on Currency and Finance, RBI, Mumbai.
8. Reserve Bank of India (1997) Occasional Papers, Vol. 18, Nos. 2 & 3, RBI, Mumbai.
9. Strong, R. A. (2002); Derivatives: An Introduction; Thomson Asia Pte. Ltd, Bangalore.
10. Sridhar, A. N. (2006); Futures and Options – Equities and Commodities; Shroff Publishers, Mumbai.

UGECO603
INDIAN FINANCIAL SYSTEM

Course Outcomes: After successful completion of this course, students will be able to:

CO1: Understand role and classification of financial institution. (2)
CO2: Identifying different investment institution in Indian financial market. (1)
CO3: Distinguish traditional and hybrid financial instruments. Understand different types of bonds. (3&2)
CO4: Understand need and importance of credit control. (2)
CO5: Understand role of RBI, SEBI, and IRDA in regulating financial market in India. (2)
*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Economic Problem Solving and Participative (Experimental, Participative, Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	2	-	2	1	-	-	-	-	-
CO2	3	-	1	1	1	-	-	-	-
CO3	2	-	2	1	1	-	-	-	-
CO4	2	-	1	2	-	-	-	-	-
CO5	3	-	1	-	-	-	2	-	-

UGECO604: RESEARCH METHODOLOGY
Total Marks: 100(Theory 60 and CIE 40)
Workload: 3 Lectures(Per week per Batch) **Credit:** 4
Duration: 36 Hrs. **Examination**: 2 Hrs.

Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Know the meaning of sampling and List out advantages of sampling. (2)
CO2: Examine classification and tabulation of data.(3)
CO3: Understand the concept of correlation and the measures of central tendency. (2)

CO4: Describe the importance of data analysis.(4)
CO5: Design the editing and coding.(6)
CO6: Prepare research report format. (3)
CO7: Identify the steps in report writing. (1)

*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

MODULE I Sampling
1.1 Meaning and Aims of Sampling
1.2 Characteristics of good Sample
1.3 Sampling Techniques or Methods
1.4 Probability Sampling Methods
1.5 Non-Probability Sampling Methods
1.6 Optimum size of sampling
1.7 Advantages and Limitations of Sampling

MODULE II: Processing and Representative of Data
2.1 Editing
2.2 Coding
2.3 Classification of Data
2.4 Tabulation of Data
2.5 Graphs and Diagrams
2.6 Curves

MODULE III: Techniques of Data Analysis
3.1 Need and importance of data analysis
3.2 Measures of Central Tendency: Mean, Mode, Median
3.3 Measures of Variation – Range, Standard Deviation
3.4 Concept of Correlation – Meaning and Importance, Karl person's and Spearman's Coefficient of Correlation

MODULE VI   Report Writing
4.1 Meaning and steps
4.2 Types of reports
4.3 Properties of Good Report Writing
4.4 Styles of outlining
4.5 Research report format

References:
1. Goode J. William & Hatt K. Paul, Methods in social Research, New York, McGraw-Hill, 1952.
2. Kothari, C.R., Research Methodology: An Introduction, Delhi, New Age, 2004.
3. Krishnaswami, O.R & M. Ranganatham, Methodology of Research in Social Sciences, Himalaya Publishing House, Mumbai, 2011.
4. P. Saravanavel, Research Methodology, KitabMahal, Allahabad, 1987.
5. Gupta S. P., Statistical Methods, Sultan Chand and Sons, New Delhi, 2014 .

UGECO604
RESEARCH METHODOLOGY

Course Outcomes: After successful completion of this course, students will be able to:

CO1: Know the meaning of sampling and List out advantages of sampling. **[2]**
CO2: Examine classification and tabulation of data. **[3]**
CO3: Understand the concept of correlation and the measures of central tendency **[5]**
CO4: Describe the importance of data analysis. **[4]**
CO5: Design the editing and coding. **[6]**
CO6: Prepare research report format. **[3]**
CO7: Identify the steps in report writing. **[1]**
*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analysing, [5]: Evaluating, [6]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Economic Problem Solving and Participative
(Experimental, Participative, Problem Solving)
Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix

CO\PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	3	-	1	-	-	-	2	-	-
CO2	2	-	2	-	1	-	1	-	-
CO3	2	-	2	-	1	1	3	-	-
CO4	1	-	1	-	-	-	2	-	-
CO5	2	-	3	-	-	1	2	-	-
CO6	2	-	2	-	-	3	3	-	-
CO7	2	-	2	-	-	-	2	-	-

UGECO605: INTERNATIONAL ECONOMICS

Total Marks: 100(Theory 60 and CIE 40)
Workload: 3 Lectures(Per week per Batch) **Credit:** 3
Duration:48 Hrs. **Examination**: 2 Hrs.

CO1: Understand concept and scope of International Economics also learners will able to understand
        deferent theories of international trade.[2] *
CO2: Understand deferent terms of trade and gains from international trade.[2]*
CO3: Understand commercial policy and types of tariff and non-tariff barriers. [2]*
CO4: Understand need and importance of international economic organisation. [2]*
CO5: Understand meaning, causes and effect of balance of payment. [2]*
CO6: Understand meaning, importance, role and functioning of foreign exchange market. [2]*
CO7: Understand determinants of foreign exchange rate and currency convertibility. (2)

*Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]:
Creating

Module I: Introduction to International Economics
1.1 Concepts and Scope of International Economics
1.2 Trade Theories- Adam Smith, David Ricardo and Heckscher-Ohlin Theory.
1.3 Terms of Trade.
1.4 Gains From International Trade

Module I: Commercial Policies
2.1 Commercial Trade Policy
2.2 Types of Tariff and Non-Tariff Barriers.
2.3 Free Trade vs. Protection
2.4 Principles of WTO.

Module I: Balance of Payments and International Economic Organization
3.1 Balance of Payments; Meaning and Structure
3.2 Causes of Disequilibrium and Measures to Correct Disequilibrium in BOP
3.3 Economic Integration; SAARC, ASEAN, BRICS
3.4 EU and BREXIT

Module I: Foreign Exchange Market
4.1 Foreign Exchange Market; Participants and Functions.
4.2 Exchange Rate Regimes
4.3 Determination of Exchange Rate; PPP and Interest Rate Parity.
4.4 Current and Capital Account Convertibility of Currency.

References
1. Ahuja H. L. (2005), Advanced Economic Theory, S Chand and Company, New Delhi.
2. Dwivedi, D. N. (2003), Micro Economics: Theory and Applications; Pearson Education (Singapore) Pvt. Ltd, Delhi.
3. Koutsoyiann is, A.(1980) Modern Economics, the Macmillan Press Ltd, London.
4. Lipsey and Chrystal (2004), Economics, Oxford University Press.
5. Mansfield, E.(1997), Micro Economics, W. W. Nortonand Company, New York.
6. Mankiw, N.G.(2002), Principles of Economics, Thomson Asia Pvt. Ltd., Singapore.
7. Mehta P.L. (2006), Managerial Economics Analysis, Problems and Cases, Sultan Chand & Sons, New Delhi.
8. Samuelson P. A. & Nordhaus W.D. (1998), Economics, Tata Mc Graw Hill, New Delhi.
9. Salvatore, D.(2003),Micro Economics, Oxford University Press.
10. Stonier A.W. & Hague D.C. (2004), A Textbook of Economic Theory, Pearson Education, Delhi.

UGECO605
INTERNATIONAL ECONOMICS
Course Outcomes: After successful completion of this course, students will be able to:
   CO1: Understand concept and scope of International Economics also learners will able to understand deferent theories of international trade. [2] *
   CO2: Understand deferent terms of trade and gains from international trade. [2] *
   CO3: Understand commercial policy and types of tariff and non-tariff barriers. [2] *
   CO4: Understand need and importance of international economic organisation. [2] *
   CO5: Understand meaning, causes and effect of balance of payment. [2] *
   CO6: Understand meaning, importance, role and functioning of foreign exchange market. [2] *
   CO7: Understand determinants of foreign exchange rate and currency convertibility. (2)

   *Note: [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

ICT Tools Used: Videos, PPT, Pen-Tablet

Students Centric Methods: Brainstorming, Problem Solving,
                         (Participative Problem Solving)

Links: SWAYAM / MOOCS:

The CO-PO Mapping Matrix								
CO\PO	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**
CO1	3	-	2	1	1	1	1	1	1

CO2	2	-	3	2	1	1	2	1	1
CO3	3	-	2	1	1	1	1	1	1
CO4	3	-	2	1	1	1	1	1	1
CO5	3	-	3	2	1	1	2	1	1
CO6	3	-	3	2	1	1	2	1	1
CO7	3	-	3	2	2	1	2	1	1

UGECO606: ENTREPRENEURSHIP DEVELOPMENT

Total Marks: 100(Theory 60 and CIE 40)
Workload: 3 Lectures (Per week per Batch) **Credit:** 3
Duration:48 Hrs. **Examination**: 2 Hrs.

Course Outcomes: Upon successful completion of this course, students will be able to:

CO1: Understand and differentiate concepts, scope, role, classification and functions of entrepreneur and entrepreneurship. [2]
CO2: Understand relationship between growth of entrepreneurship and qualities of successful entrepreneur. [2]
CO3: Identifying opportunities for entrepreneurship in India. [1]
CO4: Understand the role and policy implemented by government for entrepreneurship development in India. [2]
CO5: Understand theories and factors affecting entrepreneur development. [2]
CO6: Judge suitable environment for entrepreneurship. [3]

***Note:** [1]: Remembering, [2]: Understanding, [3]: Applying, [4]: Analyzing, [5]: Evaluating, [6]: Creating

MODULE I Introduction to entrepreneurship
1.1 Entrepreneur and Entrepreneurship; Concept and Scope
1.2 Classification and Functions of an Entrepreneur
1.3 Qualities of a Successful Entrepreneur
1.4 Growth of Entrepreneurial activity
1.5 Differentiating the Role of: Entrepreneurs and Businessman

MODULE II: **Entrepreneurship and Its Relevance in India**
2.1 Opportunities for Entrepreneurship; Rural and Urban
2.2 Incentives and Subsidies to Entrepreneurs in India

2.3 Role of Entrepreneur Promoters
2.4 Case Studies of Successful Entrepreneurs

MODULE III: Entrepreneurial Development
3.1 Entrepreneurial Development in India; Factors (Psychological, Social and Cultural factors)
3.2 Theories of Entrepreneurship - Contribution of David McClelland and Joseph Schumpeter
3.3 Barriers to Entrepreneurship
3.4 Suggestions to Overcome Barriers to Entrepreneurship

MODULE VI: Policies for Entrepreneurial Development
4.1 Ministry of Skill Development and Entrepreneurship; GoI Programmes
4.2 Make in India, Start-up India, MUDRA
4.3 Entrepreneurial Development Institutes in India
4.4 Entrepreneurship and Financial Support

References:

1. Batra G.S. and Dangal R.C., Entrepreneurship and Small-Scale Industries, Deep and Deep Publications Pvt.Ltd.
2. Entrepreneurial Development, Colombo Plan, 1998, Tata McGraw Hill, New Delhi. 20
3. Entrepreneurship Development, Himalaya Publishing House, Mumbai.
4. Gupta C.B., Entrepreneurial Development, 1995, Somaiya Publication, New Delhi.
5. Hisrich Robert D and Peters Michael, Entrepreneurship, 2002, Tata McGraw Hill, New Delhi
6. Mascarenhas Romeo S., Entrepreneurship and Management of Small and Medium Enterprises, Vipul, Prakashan, Mumbai.
7. Pooja, Micro, Small and Medium Enterprises (MSMEs) in Indian Economy, New Century Publications New, Delhi.
8. Principles of Entrepreneurship, Excel India Publishers, New Delhi.
9. Sharma P.K., Development Banks and Entrepreneurship Promotion in India, Mittal Publications.
10. Vasant Desai, Small Scale Industries and Entrepreneurship, Himalaya Publishing House

SCHEME OF EXAMINATION

For UGECO501 to UGECO506 and UGECO601 to UGECO606 (Semester V & VI)

Scheme of Examination:

The performance of the learners shall be evaluated in to two parts. The learner's performance shall be assessed by Internal Assessment with 40% marks in the first part by conducting the Semester End Examinations with 60% marks in the second part. The allocation of marks for the Internal Assessment and Semester End Examinations are as shown below: -

(A) Continues Internal Evaluation: 40 Marks (40%)

Sr. No	Evaluation type	Marks
1	Test	20
2	Open book test/online test/Project/survey	10
3	Assignment/case studies/Viva-Voce/Presentation	10

(B) Semester End Examination: 60 Marks (60%)

Question Paper Pattern Semester End Examination

Max.Marks:60   Time: 2 hours

Note: 1. All questions are **COMPULSORY**

2. Each question carries 15 marks.
3. Draw neat diagrams wherever necessary

Q.1 Answer Any Two of the following [Module 1]   12

A
B
C

Q.2 Answer Any Two of the following [Module 2]   12

A
B
C

Q.3 Answer Any Two of the following [Module 3]   12

A
B
C

Q.4 Answer Any Two of the following [Module 4]   12

A
B
C

Q.5 MCQ. 12