

Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous),
Shivajinagar, Pune 5

(An Autonomous College Affiliated to Savitribai Phule Pune University)

Framework of Syllabus

For

M.A./M.Com./M.Sc./M.Voc.

(Based on NEP 2020 framework)

(To be implemented from the Academic Year 2023-24)

Semester 1 (First Year)

Course Type	Code	Course	Course / Paper Title	Hours / Week	Credit	C I A	E S E	Total
Major Mandatory (4 + 4+4+2)	23ArEcoP111	Major Paper 1 (Theory)	Micro Economic Analysis-I	4	4	50	50	100
	23ArEcoP112	Major Paper 2 (Theory)	Public Economics - I	4	4			
	23ArEcoP113	Major Paper 3 (Theory)	International Trade	4	4			
	23ArEcoP114	Major Paper 4 (Practical / Theory)	History of Economic Thought – I	2/4	2	25	25	50
Major Electives(4)	23ArEcoP121	Major Elective 1 (T/P)	Labour Economics Indian Economic Policy	4	4	50	50	100
	23ArEcoP122	Major Elective 2 (T/P)		4				
RM (4)	23ArEcoP131	RM Paper 1	RM Core Paper	2	4	50	50	100
		RM Paper 2	Research Methodology	2/4				
OJT(4)		–	–	–	–	–	–	–
Total				22/26/28	22	175	175	350

Semester 2 (First Year)

Course Type	Code	Course	Course / Paper Title	Hours / Week	Credit	C I A	ESE	Total
Major Mandatory (4 + 4+4+2)	23ArEcoP211	Major Paper 1 (Theory)	Micro Economic Analysis- II	4	4	50	50	100
	23ArEcoP212	Major Paper 2 (Theory)	Public Economics -II	4	4			
	23ArEcoP213	Major Paper 3 (Theory)	International Finance	4	4			
	23ArEcoP214	Major Paper 4 (Practical/ theory)	History of Economic Thought - II	2/4	2	25	25	50
Major Electives (4)	23ArEcoP221	Major Elective 1 (T/P)	Agriculture Economics Co-operation : Theory and Practice	4	4	50	50	100
	23ArEcoP222	Major Elective 2 (T/P)		4				
RM (4)		–	–	–	–	–	–	–
		–	–	–				
OJT(4),	23ArEcoP241	OJT	On Job Training	8	4	50	50	100
Total				30/32	22	175	175	350

Semester 3 (Second Year)

Course Type	Code	Course	Course / Paper Title	Hours / Week	Credit	CI A	E S E	Total
Major Mandatory (4 + 4+4+2)	23ArEcoP311	Major Paper 1 (Theory)	Macro Economics -I	4	4	50	50	100
	23ArEcoP312	Major Paper 2 (Theory)	Growth and Development -I	4	4			
	23ArEcoP313	Major Paper 3 (Theory)	Industrial Economics	4	4			
	23ArEcoP314	Major Paper 4 (Practical/Theory)	Modern Banking	4/2	2	25	25	50
Major Electives (4)	23ArEcoP321	Major Elective 1 (T/P)	Demography	4	4	50	50	100
	23ArEcoP322	Major Elective 2 (T/P)	World Economy	4				
RP (4)	23ArEcoP352	RP	Research Project	8	4	50	50	100
OJT(4),								
Total				26/28	22	175	175	350

Semester 4 (Second Year)

Course Type	Code	Course	Course / Paper Title	Hours / Week	Credit	C I A	E S E	Total
Major Mandatory (4 + 4+4+2)	23ArEcoP411	Major Paper 1 (Theory)	Macro Economics –II	4	4	50	50	100
	23ArEcoP412	Major Paper 2 (Theory)	Growth and Development-II	4	4			
	23ArEcoP413	Major Paper 3 (Theory)	Industrial Economic Environment	4	4			
Major Electives (4)	23ArEcoP421	Major Elective 1 (T/P)	Rural Development	4	4	50	50	100
	23ArEcoP422	Major Elective 2 (T/P)	Economics of Environment	4				
RP (4)	23ArEcoP452	RP	Research Project	12	6	75	75	150
OJT(4),								
Total				32	22	175	175	350

MA ECONOMICS
PART – II, SEMESTER – III
NEP SYLLABUS 2020

Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous),
Shivajinagar, Pune - 5
Second Year of M.A. Economics Semester - III
(2024 Course under NEP 2020)
Major Mandatory

Course Code: 23ArEcoP311
Course Name: Macro Economics-I

Teaching Scheme: TH: 04 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims to understand the functional relationship between large aggregate of macroeconomics.
2. The course aims to study theoretical structure of macroeconomic models.
3. The course aims to study various macroeconomic concept.
4. The course aims to impart knowledge about different macroeconomic policies.

Course Outcomes:

After completion of this course, the student will be able to:

1. Recall the major macroeconomic concepts.
2. Understand the macroeconomic indicators such as national income, disposable income and personal income.
3. Apply the concept of multiplier, accelerator and liquidity trap.
4. Analyse the brief structure of the IS-LM model.
5. Explain the new classical macroeconomics.
6. Discuss the open economy issues.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	National Income	15 Lectures
	1.1 National Income - meaning and concept, methods and difficulties in measuring National income. 1.2 Gross Domestic Product, Gross National Product, Net Domestic Product, Net National Product- Meaning and concept. 1.3 Disposable Income and Personal Income – Meaning and concept. 1.4 Circular Flow of Income - Four Sector Model.	

	1.5 National Income Accounting – meaning, concept and types.	
Chapter 2	Aggregate Demand and Aggregate Supply	15 Lectures
	2.1 Aggregate demand and aggregate supply – meaning and concept. 2.2 Determination of output and employment-Classical Approach. 2.3 Determination of Equilibrium of Aggregate Demand and Aggregate Supply- Keynesian approach. 2.4 Multiplier Effect with inclusion of Government Sector. 2.5 Automatic Stabilizers. 2.6 Balanced Budget Multiplier.	
Chapter 3	Brief structure of IS-LM Model	15 Lectures
	3.1 Derivation of IS curve and LM curve 3.2 Equilibrium in the Goods and Assets under fixed and flexible prices. 3.3 Derivation of Aggregate Demand Schedule. 3.4 Monetary Policy and Fiscal Policy. 3.5 Liquidity Trap. 3.6 Fiscal policy and crowding in and crowding out effect.	
Chapter 4	New Classical Macroeconomics & Open Economy Issues	15 Lectures
	4.1 Life Cycle Hypothesis 4.2 Permanent Income Hypothesis. 4.3 Concept of Accelerator and Super Multiplier. 4.4 The Real Business Cycle Theory. 4.5 The Rational Expectations Hypothesis. 4.6 Lucas Critique. 4.7 Mundell- Fleming Model. 4.8 Macroeconomic policy and exchange rate regimes.	
	Total	60 Lectures

Recommended Books:

1. Ahuja, H.L., (2019), Macroeconomic Theory and Policy, S Chand & Company, New Delhi.
2. Ackley. G, (1976), Macro Economics: Theory and Policy, Macmillan Publishing Company, New York.
3. Dwivedi D.N., (2018), Macro Economics: Theory and Policy, McGraw Hill Education.
4. Gupta S.B., (1994) Monetary Economics, S. Chand and Co. New Delhi.
5. Jhingan, M. L., 2016, Macro Economic Theory, Vrinda Publication.
6. Mukherjee Sampat, Kalita Amarendra, Macro Economic: A Global Text, (2021), Global net publication.
7. Mithani D.M. (2019) Macro Economics, Himalaya Publishing House, New Delhi.

8. Mankiw, N. Gregory, 2015, Principles of Macroeconomics, Cengage Learning India Pvt. Ltd.
9. Seth, M.L., (2020), Macro Economics, Lakshmi Narayan Agarwal
10. Shapiro, Edward, (2022), Macroeconomic Analysis, Galgotia Publication.
11. Vaish, M.C., 2010, Macro Economic Theory, S. Chand.
12. Dillard, D. (1960), The Economics of John Maynard Keynes, Crossby Lockwood and Sons, London.
13. Day A.C.L. (1960), Outline of Monetary Economics, Oxford University Press, London.
14. Keynes, J.M. (1936), The General Theory of Employment, Interest and Money, Macmillan London.
15. Kindleberger, C.P. (1958), Economic Development, McGraw-Hill Book Company, New York.
16. Lucas, R. (1981), Studies in Business Cycle Theory, MIT, Press, Cambridge, Massachusetts.

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Second Year of M.A. Economics, Semester-III
(2024 Course under NEP 2020)
Major Mandatory

Course Code:23ArEcoP312

Course Name: Growth and Development - I

Teaching Scheme: TH: 4 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims at studying growth and development in the world economy.
2. The course aims to increase the skills among students by learning about the global economy, their performance and problems.
3. The course aims at providing a broader prospect of growth and development.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define the concept of growth and development.
2. Understand the concept of poverty and inequality.
3. Identify the theories of economic growth.
4. Examine the different models of growth and development.
5. Determine the role of population in economic growth.
6. Elaborate the concept and theory of migration.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Economics of Growth and Development	15 Lectures
	1.1 Concepts of Growth and Development. 1.2 Various definitions of Economic Development. 1.3 Characteristics of Developing Countries. 1.4 Factors of economic development- Economic factors and non-economic factors. 1.5 Technology and Economic development- Meaning, technological changes, role of technology in economic development, process of technological change, problem of technology transfer to underdeveloped	

	countries and measures to accelerate transfer of technology. 1.6 Indexes of Economic Development- Per Capita Income, Basic need approach, PQLI, HDI.	
Chapter 2	Poverty and Inequality	10 Lectures
	2.1 Poverty- concept and measurements of poverty. 2.2 Recent employment generation and poverty alleviation programs. 2.3 Inequality- Concept of Inequality and Economic growth, measurement of inequality. 2.4 Impact of inequality on the process of development.	
Chapter 3	Theories of Economic Growth and Development	20 Lectures
	3.1 Adam Smith theory of development. 3.2 The Ricardian theory of development. 3.3 Big-Push theory of development. 3.4 Balanced growth theory and Unbalanced growth theory. 3.5 Karl Marx theory of surplus labour. 3.6 The Harrod Domar growth model 3.7 Solow's model of economic growth. 3.8 The Kaldor Model of growth.	
Chapter 4	Population Growth and Economic Development	15 Lectures
	4.1 Role of Population in Economic Development. 4.2 Lewis's theory of unlimited supplies of labour. 4.3 The Harris-Todaro model. 4.4 The Fei and Ranis model.	
	Total	60 Lectures

Recommended Books:

1. Agarwal R.C, (2020), Economics of Development and Planning, Laxmi Narain Agarwal Publication.
2. Ahuja H. L, (2018), Development Economics, S.Chand publication.
3. A.N Agarwal and M.K Agarwal, (2022), Indian Economy: problems of development and planning, New Age International Publishers.
4. Bimal N. Patel and Ranita Nagar, Sustainable Development and India, OUP India
5. Charles I. Jones, (2013), Introduction to economic growth, Viva Books

- 6.** Datt and Sundaram's, (2024), Indian Economy, S.Chand and Company Pvt. Ltd.
- 7.** Dewett K. K, (2010), Modern Economic Theory, S.Chand and Company Pvt. Ltd.
- 8.** Jhingan M.L and B.K Jhingan, Economics of Development and Planning, Vrinda publication, 42nd Edition.
- 9.** Lekhi R.K, (2018), The Economic of Development and Planning, Kalyani Publication.
- 10.** Michael Todaro and Stephen Smith, (2017), Economic Development, Pearson publication.
- 11.** S.K. Mishra and V.K. Puri., (2018), Economics of Development and Planning, Himalaya publication.
- 12.** Thirlwall, (2011), A.P., Economics of Development, Palgrave Macmillan Publication.
- 13.** Deena Khatkhate and Y.V Reddy (editors), (2012), Of Economics, Policy and Development, Oxford University Press.
- 14.** Marcelo M. Giugale, (2014), Economic Development, OUP USA Publisher.
- 15.** Wayne Nafziger., Economic Development, Cambridge University Press.

Progressive Education Society's
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Second Year of M.A. Economics Semester -III
(2024 Course under NEP 2020)
Major Mandatory

Course Code: 23ArEcoP313

Course Name: Industrial Economics

Teaching Scheme: TH: 4 Hours/Week

Credit: 4

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. To study the basic concepts of Industrial Economics.
2. To understand the theories of industrial location.
3. To provide students' knowledge about industrial productivity and balanced regional development.
4. To acquaint students with various sources of industrial finance.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define various concepts of industrial economics.
2. Understand the advantages and disadvantages of industrialisation.
3. Make use of the concepts of industrial finance in real life.
4. Compare different sources of industrial finance.
5. Evaluate the measures adopted for balanced regional development.
6. Create link between the industrial location theories and industrial location trends in India.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Introduction	10 Lectures
	1.1 Industrial Economics – Meaning, Scope and Significance of the study 1.2 The Concept of Plant, Firm and Industry 1.3 Industrialisation: Advantages and Disadvantages 1.4 Role of industry in Economic Development	
Chapter 2	Industrial Location	15 Lectures

	2.1 The general determinants of industrial location 2.2 Theories of industrial location i. Weber's Theory ii. Sargent Florence's Theory iii. August Losch's Theory 2.3 Industrial location trends in India	
Chapter 3	Balanced Regional Development	10 Lectures
	3.1 Meaning of industrial imbalance 3.2 Causes of imbalance 3.3 Need for Balanced Regional Development 3.4 Measures adopted for balanced regional growth	
Chapter 4	Industrial Finance	15 Lectures
	4.1 Meaning and importance of industrial finance 4.2 Sources of industrial finance: 4.2.1 Internal Sources: Retained Earnings, Depreciation provisions, Taxation provisions, Other reserves 4.2.2 External Sources: Bank Credit, Trade Credit, Shares, Debentures, Bonds 4.3 Foreign Capital: Meaning and Need 4.4 Forms of Foreign Capital: FDI, FII, ADR, GDR, External Commercial Borrowing	
Chapter 5	Industrial Relations	10 Lectures
	5.1 Industrial Relations: Concept and importance 5.2 Factors affecting industrial relations 5.3 Meaning and Causes of industrial disputes 5.4 Machinery for the settlement of industrial disputes	
	Total	60 Lectures

Recommended Books:

1. Ahluwalia I.J (1985) Industrial Growth in India, Oxford University Press, New Delhi
2. Barthwal R.R. (2021) Industrial Economics, New Age International Publishers, New Delhi.
3. Bagchi Amiya and Banerjee Nirmala (1981), Change and Choice in Indian industry, Centre for Studies in Social Science in Kolkatta
4. Cherunilam Francis (1989), Industrial Economics- Indian Perspective, Himalaya Publishing House, Delhi
5. Datta Ruddar and Sundaram K.P.M (2023) Indian Economy, S.Chand and Co. New Delhi
6. Desai Vasant (1987), Indian Industry: Profile and Related Issues, Himalaya Publishing House, Mumbai

7. Divine P.J. ,Lee N., Jones R.M. and Tyson W.J. (2018), An Introduction to Industrial Economics ,Routledge London
8. Gadgil D.R.(2007) Industrial Evolution in India in Recent Times , Read Books
9. Hay, Donald A (1979)Industrial Economics : Theory and Evidence, Oxford University Press
10. Jaynal Ud-din Ahemad and Md. Abdul Rashid(2014) Micro, Small and Medium Enterprises MSMEs) in India, New Century Publications, New Delhi
11. Kuchhal S.C.(1980) Industrial Economy of India, Himalaya Publishing House, Mumbai
12. Kuchal S.C(1974) Major Industries in India, Chaitanya Publishing House, Allahabad
13. Mani N.(2020)Industrial Economics, New Century Publications, New Delhi
14. Misra S.K. and Puri V.K. (2023) Indian Economy, Himalaya Publishing House, New Delhi
15. Prasad K.N.(2003) Indian Economy Before and Since the Reform, Atlantic Publishers, New Delhi
16. Singh A and Sadhu A.N. (1988)Himalaya Publishing House, Mumbai
17. Sivayya K.V. and Das V.B.M.(1975) Indian Industrial Economy, S. Chand and Co.Ltd., New Delhi.

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Second Year of M.A. Economics Semester -III
(2024 Course under NEP 2020)
Major Mandatory

Course Code: 23ArEcoP314

Course Name: Modern Banking

Teaching Scheme: TH: 2 Hours/Week

Credit: 02

Examination Scheme: CIA: 25 Marks

End-Sem: 25 Marks

Course Objectives:

1. To create awareness about basic banking concepts.
2. To give students insight about various constituents of the Indian financial system.
3. To provide students information about the working of the Non-Banking Finance Institutions.
4. To make the students aware of banking sector reforms.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define various concepts of banking.
2. Understand the working of commercial banks and Non-Banking Financial Institutions
3. Apply different concepts and policies of banking.
4. Compare between banks and Non-Banking Financial Institutions.
5. Evaluate the working of Non-Banking Finance institutions.
6. Elaborate the recent changes in the Indian banking sector.

Course Contents

Chapter	Title	Allotted lectures (30)
Chapter 1	Introduction	10 Lectures
	1.1 Structure and role of Indian Financial System in Economic Development. 1.2 Credit Creation- Process and Limitations. 1.3 Investment policy of a commercial bank- liquidity, safety and profitability. 1.4 Components of Balance sheet of commercial banks.	

	1.5 Need and importance of Technology in Banking, Concept of ATM. Credit Card, Debit Card, Mobile Banking, RTGS, NEFT	
Chapter 2	Modern Banking in India	10 Lectures
	2.1 Role of banking in economic development and functions of banks. 2.2 Banking Sector Reforms after 1991- Recommendations of Narsimham Committee -I and II, Implementation of banking sector reforms. 2.3 Challenges faced by banking sector, Merger of public sector banks, consolidation of Regional Rural Banks. 2.4 Financial Inclusion- Micro Finance, Self Help Group, PMJDY, MUDRA Loan.	
Chapter 3	Non-banking Finance Institutions in India	10 Lectures
	3.1 Meaning of NBFIs and significance of NBFIs in India 3.2 Types of NBFIs- Functions of Lease Finance company, Hire Purchase company, Mutual Fund, Insurance Company, Merchant Banks, Factoring, Housing Finance, Pension Fund and Provident Fund	
	Total	30 Lectures

Recommended Books:

1. Bhole L.M and Mahakud Jitendra (2017) Financial Institutions and Markets, Tata McGraw Hill(III Edition), New Delhi
2. Gordon E. and Nartajan K.(2007) , Financial Markets and Services , Himalaya Publishing House
3. Indian Institute of Banking and Finance(2019), Principles and Practices of Banking , Macmillan Education
4. Indian Institute of Banking and Finance(2019), Inclusive Banking, Taxmann Publications
5. Khan M.Y., Indian Financial System(2018), Tata McGraw Hill, New Delhi
6. Machiraju H.R.(2019), Indian Financial System, Vikas Publishing House, New Delhi
7. Mishra Sukhvinder(2012), Banking Law and Practice, S.Chand &Company, New Delhi
8. Mujumdar N.A.(2002), Financial Sector Reforms and India's Economic Development, Academic Foundation
9. Natrajan S. and Parameshwaran R. (2015), Indian Banking, S.Chand & Company , New Delhi

10. Shekhar KC and Shekhar Lekshmy(2022), Banking Theory and Practice, Vikas Publishing House, New Delhi
11. Pathak Bharati P. (2022), Indian Financial System, Pearson Publication
12. Uppal R.K. (2011), Money, Banking and Finance in India, New Century Publications, New Delhi
13. Vasudevan A. (2014), Central Banking in Emerging Market Economy, Academic Foundation
14. Reserve Bank of India, Reports on Trends and Progress of Banking in India, Annual Report
15. Reserve Bank of India, RBI Bulletin, Monthly Report
16. Economic and Political Weekly
17. The Journal of Indian Institution of Bankers

Progressive Education Society's
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Second Year of M.A. Economics Semester - III
(2024 Course under NEP 2020)
Major Elective - I

Course Code: 23ArEcoP321

Course Name: Demography

Teaching Scheme: TH: 04 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims to understand the importance of human population in economic development.
2. The course aims to study various theories that explain the growth of the population in the country.
3. The course aims to study population structure and population distribution.
4. The course aims to impart knowledge about characteristics of population.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define demography as the statistical study of human population.
2. Understand various population theories.
3. Identify population structure and characteristics.
4. Analyze various measures of fertility and mortality.
5. Determine the population growth and distribution in developed and developing countries.
6. Discuss national population policy.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Introduction to Demography	15 Lectures
	1.1 Demography- Nature, scope and importance. 1.2 Development of population studies in India-relationship with other disciplines. 1.3 Sample surveys and Dual Report System. 1.4 Trends in population growth in developed and developing countries.	

Chapter 2	Theories of Population	15 Lectures
	2.1 Malthusian theory of population. 2.2 Optimum population theory. 2.3 Karl Marx theory of surplus population. 2.4 Theory of demographic transition.	
Chapter 3	Population structure and characteristics	15 Lectures
	3.1 Population census- Meaning and Concept. 3.2 Sex ratio in India – factors affecting sex ratio. 3.3 Age structure- Meaning and Concept. 3.4 Mortality – meaning, measurement of mortality, factors affecting mortality, infant mortality. 3.5 Fertility- meaning, factors affecting fertility, measurement of fertility. 3.6 Morbidity – meaning, measurement of morbidity. 3.7 Migration – meaning, differentials in migration. 3.8 Demographic Dividend-meaning and concept.	
Chapter 4	Distribution of Population	15 Lectures
	4.1 Population distribution- meaning, factors affecting population distribution, urban-rural population distribution in India. 4.2 Density of population- Meaning, concept and present status. 4.3 Urbanization-levels and trends of urbanization in India. 4.4 Labour force- meaning, measures of labour force participation in India. 4.5 National Population Policy 2000.	
	Total	60 Lectures

Recommended Books:

1. Chandramaouli.C, (2014), Handbook on Census 2011 Results, India Vol.1, Registrar General and Census Commissioner, Ministry of Home Affairs, Govt. of India.
2. Chattopadhyaya Kumar Asis, Saha Kumar Anuj, (2012), Demography Techniques and Analysis, Viva Books.
3. Harper Sarah, (2018), A Very Short Introduction, OUP Oxford.
4. Jhingan M.L., Bhatt B.K., Desai J.N., (2023), Demography, Vrinda Publication Pvt. Ltd. New Delhi.
5. Malthus T.R., (2023), An Essay on the Principle of Population, Double 9 Books.
6. Priyam Amrita, (2022), Demographic Aspects Matters, Iterative International Publisher, IIP, Karnataka.
7. Raj Hans, (2020), Fundamentals of Demography, Visionias.

8. Riley E. Nancy, McCarthy James, (2003), Demography in the Age of Postmodern Cambridge University Press.
9. Sharma, Rajendra K., (2022), Demography and Population problems, Atlantic Publishers and Distributers.
10. Sinha, V.C., Zacharia Easo, (1986), Elements of Demography, Allied Publishers Pvt. Ltd.
11. Slariya Mohinder, Nath Krishen Kewal, (2020), A Text Book of Social Demography, S. Vinesh & Company.
12. Singh J.P., (2022), Handbook of Indian Demography, Rawat Publications.

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Second Year of M.A. Economics Semester - III
(2024 Course under NEP 2020)
Major Elective - II

Course Code: 23ArEcoP322

Course Name: World Economy

Teaching Scheme: TH: 04 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims to study the economics of the world.
2. The course aims to increase the skills among students by learning about the global economy, their performance and problems.
3. The course aims to study the Major world economic issues and its impact on India.
4. The course includes regional trade blocks.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define the world economy.
2. Understand the regional trade blocks in developed and developing economies.
3. Identify major world economic issues and its impact on India.
4. Analyze the structure and components of global economy.
5. Determine the Flyer Geese model, U.S. Debt crisis, Euro zone crisis.
6. Discuss the role and objectives of OCED, OPEC, EU. ASEAN, SAARC and BRICS.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Introduction to World Economy	15 Lectures
	1.1 Meaning of Global Economy and its History. 1.2 Structure and Components of Global Economy. 1.3 Role of MNC's in World Economic Development. 1.4 Effects of Globalization on Indian Economy.	
Chapter 2	Regional Trade Blocks in the developed and developing economies	15 Lectures

	2.1 Objectives and Role of: OECD - Organization for Economic Cooperation and Development 2.2 OPEC - Organization of Petroleum Exporting Countries 2.3 EU - European Union and Creation of Euro 2.4 ASEAN - Association of South East Asian Nations 2.5 SAARC - South Asian Association for Regional Cooperation 2.6 BRICS – Brazil, Russia, India, China and South Africa	
Chapter 3	Major World Economic Issues and its impact on India action to transition economies	15 Lectures
	3.1 Eastern Europe. 3.2 Disintegration of the Soviet Union and its impact on the region, Instability in the Balkans, Integration of former Soviet Bloc countries in the EU. 3.3 China: The emergence of China in world trade and industry, growth reforms. 3.4 Africa: Composition of the industry and trade, Possibilities and limitations. 3.5 Latin America: Debt crises. Brazil. Argentina Mexico.	
Chapter 4	Major World Economic Issues and its impact on India	15 Lectures
	4.1 Issues in South East Asia – The flying geese model. 4.2 The Japanese bubble in real estate. 4.3 U.S. Debt Crisis and its impact on India. 4.4 Euro zone Crisis and its impact on India.	
	Total	60 Lectures

Recommended Books:

1. Angus Maddiso, (2007), The World Economy, Academic Foundation.
2. Cherunilam Francis, (2017), International Economics, McGraw Hill Education.
3. Coggan Philip, (2021), More: The 10,000 Year Rise of the World Economy, Economist Books.
4. Epping Charles Randy, (2001) A Beginner's Guide to the World Economy, Vintage Books.
5. Harry Johnson, (1965), The World Economy at the crossroads, Oxford University Press.

6. Jalan Bimal, (2006), The Future of India: Politics, Economics and Governance, Penguin India.
7. Khanna V.N., (2020), International Relations, Vikas Publishing.
8. Puri, V.K., Misra, S.K., Garg Bharat, (2023), Indian Economy, Himalaya Publishing House.
9. Bukharin Ivanovich Nikolai, (2022), Imperialism and World Economy, Legare Street Press.
10. Knox Paul, Agnew John, (2014), The Geography of the World Economy, Routledge.
11. Roy Teerthankar, (2012), India in The World Economy: From Antiquity to the Present, Cambridge University Press.

MA ECONOMICS
PART – II, SEMESTER – IV
NEP SYLLABUS 2020

Progressive Education Society's
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Second Year of M.A. Economics Semester – IV
(2024 Course under NEP 2020)
Major Mandatory

Course Code: 23ArEcoP411

Course Name: Macro Economics - II

Teaching Scheme: TH: 04 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims at analysing the functional relationship between the macroeconomic aggregates.
2. The course aims at analysing macro-economic models.
3. The course aims at the study of theoretical development for the empirical analysis of models.
4. The course aims at studying different concepts related to money.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define macroeconomics as the branch of economics.
2. Understand the theories of demand for money, supply of money.
3. Apply the concept of money supply.
4. Examine the theories of interest rate.
5. Appraise the concept of money and liquidity.
6. Elaborate the objectives and instruments of monetary policy in India.
7. Solve the macroeconomic dynamic problems.

Course Contents

Chapter	Title	Allotted Lectures (60)
Chapter 1	Money and Liquidity	15 Lectures
	1.1 Money – meaning, definition and functions. 1.2 Liquidity measures according to Reddy Committee Report. 1.3 RBI New Measures of Money Supply (broad money and narrow money). 1.4 Liquidity theory. 1.5 Gurley and Shaw Hypothesis.	

Chapter 2	Theories of Demand for Money	15 Lectures
	2.1 Nominal v/s Real Cash Balance. 2.2 Friedman's Theory. 2.3 Fisher's Quantity theory of Money. 2.4 Cambridge Cash Balance. 2.5 Baumol-Tobin Theory.	
Chapter 3	Money Supply, Inflation and Business Cycle	15 Lectures
	3.1 High powered money. 3.2 Money multiplier process. 3.3 Inflation- Meaning and definition, demand-pull inflation, cost-push inflation. 3.4 The Phillips curve, stagflation. 3.5 Business Cycle – Meaning, concept and phases. 3.6 Schumpeter's Innovations Theory of Trade Cycles.	
Chapter 4	Theories of Interest Rate	15 Lectures
	4.1 The Classical Theory of Interest. 4.2 The Loanable Funds Theory of Interest. 4.3 Keynes Liquidity Preference Theory of Interest. 4.4 Modern Theory of Interest. 4.5 Term Structure Interest Rate. 4.6 Monetary Transmission Mechanism. 4.7 Taylor's Rule.	
	Total	60 Lectures

Recommended Books:

1. Ahuja, H.L., (2019), Macroeconomic Theory and Policy, S Chand & Company, New Delhi.
2. Ackley. G, (1976), Macro Economics: Theory and Policy, Macmillan Publishing Company, New York.
3. Dwivedi D.N., (2018), Macro Economics: Theory and Policy, McGraw Hill Education.
4. Gupta S.B., (1994) Monetary Economics, S. Chand and Co. New Delhi.
5. Jhingan, M. L., 2016, Macro Economic Theory, Vrinda Publication.
6. Mukherjee Sampat, Kalita Amarendra, Macro Economic: A Global Text, (2021), Global net publication.
7. Mithani D.M. (2019) Macro Economics, Himalaya Publishing House, New Delhi.
8. Mankiw, N. Gregory, 2015, Principles of Macroeconomics, Cengage Learning India Pvt. Ltd.
9. Seth, M.L., (2020), Macro Economics, Lakshmi Narayan Agarwal
10. Shapiro, Edward, (2022), Macroeconomic Analysis, Galgotia Publication.
11. Vaish, M.C., 2010, Macro Economic Theory, S. Chand.

12. Dillard, D. (1960), The Economics of John Maynard Keynes, Crossby Lockwood and Sons, London.
13. Day A.C.L. (1960), Outline of Monetary Economics, Oxford University Press, London.
14. Keynes, J.M. (1936), The General Theory of Employment, Interest and Money, Macmillan London.
15. Kindleberger, C.P. (1958), Economic Development, McGraw-Hill Book Company, New York.
16. Lucas, R. (1981), Studies in Business Cycle Theory, MIT, Press, Cambridge, Massachusetts.

Progressive Education Society's
Modern College of Arts, Science and Commerce,
Shivajinagar, Pune - 5
Second Year of M.A. Economics, Semester-IV
(2024 Course under NEP 2020)
Major Mandatory

Course Code:23ArEcoP412

Course Name: Growth and Development - II

Teaching Scheme: TH: 4 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims to provide detail structure of growth and development.
2. The course aims to provide the information about the foreign regulatory bodies.
3. The course aims to provide a broader prospect regarding growth and development.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define the concept of growth and development in various sectors of the economy.
2. Understand various policies of growth and development.
3. Develop deep knowledge about trade and foreign exchange system.
4. Analyze the role of foreign trade as engine of economic development.
5. Determine the objective of sustainable development programs.
6. Elaborate the sustainable development goals.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	The Role of Agriculture, industry and Infrastructure	15 Lectures
	1.1 Agriculture- The Role of Agriculture in Economic Development and Sustainable Agriculture Development. 1.2 The Role of Industry in Economic Development. 1.3 Development of Infrastructure in India- meaning and role of Infrastructure in Economic Development. 1.4 Overview of growth of infrastructure during the planning era – Physical and Social infrastructure.	

Chapter 2	State and Economic Development	15 Lectures
	2.1 Role of State in Economic Development- Introduction, Measurements- Direct and Indirect measures and Limitation of Measurements; Capital Formation, Building Institutions, Development of Infrastructure. 2.2 Agenda for Economic Reform- Plea for Less state intervention	
Chapter 3	Foreign Trade and Economic Development	15 Lectures
	3.1 International Trade as an Engine of Economic Growth; Static and Dynamic gains from trade and Dual gap analysis. 3.2 Theories of International Trade- Prebisch-Singer Doctrine, Myrdal's thesis of International Trade- Backwash effect and theory of international dualism. 3.4 Importance and types of foreign capital flow. 3.5 EXIM policy Since 2015 onward.	
Chapter 4	Sustainable Development	15 Lectures
	4.1 Introduction- meaning and objective of sustainable development. 4.2 Reasons for environmental crisis. 4.3 Policies for sustainable development. 4.4 United Nations Sustainable development goals and programs.	
	Total	60 Lectures

Recommended Books:

1. Agarwal R.C, (2020), Economics of Development and Planning, Laxmi Narain Agarwal Publication.
2. Ahuja H. L, (2018), Development Economics, S.Chand publication.
3. A.N Agarwal and M.K Agarwal, (2022), Indian Economy: problems of development and planning, New Age International Publishers.
4. Bimal N. Patel and Ranita Nagar, Sustainable Development and India, OUP India
5. Charles I. Jones, (2013), Introduction to economic growth, Viva Books
6. Datt and Sundaram's, (2024), Indian Economy, S.Chand and Company Pvt. Ltd.
7. Dewett K. K, (2010), Modern Economic Theory, S.Chand and Company Pvt. Ltd.
8. Jhingan M.L and B.K Jhingan, Economics of Development and Planning, Vrinda publication, 42nd Edition.
9. Lekhi R.K, (2018), The Economic of Development and Planning, Kalyani Publication.

- 10.** Michael Todaro and Stephen Smith, (2017), Economic Development, Pearson publication.
- 11.** S.K. Mishra and V.K. Puri., (2018), Economics of Development and Planning, Himalaya publication.
- 12.** Thirlwall, (2011), A.P., Economics of Development, Palgrave Macmillan Publication.
- 13.** Deena Khatkhate and Y.V Reddy (editors), (2012), Of Economics, Policy and Development, Oxford University Press.
- 14.** Marcelo M. Giugale, (2014), Economic Development, OUP USA Publisher.
- 15.** Wayne Nafziger., Economic Development, Cambridge University Press.

Progressive Education Society's
Modern College of Arts, Science and Commerce (Autonomous)
Shivajinagar, Pune - 5
Second Year of M.A. Economics Semester -IV
(2024 Course under NEP 2020)
Major Mandatory

Course Code: 23ArEcoP413

Course Name: Industrial Economic Environment

Teaching Scheme: TH: 4 Hours/Week

Credit: 4

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aim at understanding the different industrial policy resolutions.
2. The course will introduce the students to importance of industrial development.
3. The course will enable the students to understand different large-scale industries.
4. The student will understand different concepts of industrial disputes, industrial relations and industrial sickness.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define the role of industries in Indian Economy.
2. Understand the different industrial policies.
3. Identify the different large-scale industries in India.
4. Examine the reasons for industrial sickness.
5. Evaluate industrial relations.
6. Discuss the recent initiatives for industrial development.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Industrial Growth and Industrial Policy in India	20 Lectures
	1.1 Industrial growth during Plan Period – Pre reforms and Post reforms 1.2 Industrial Policy in India	

	i) Industrial Policy Resolution of 1948 ii) Industrial Policy Resolution of 1956 iii) Industrial Policy Resolution of 1980 iv) Industrial Policy Resolution of 1991 1.3 Recent initiatives for industrial development i. Special Economic Zones ii. Make in India Campaign iii. Start Up India initiatives iv. Stand Up India	
Chapter 2	Large Scale Industries in India	10 Lectures
	2.1 Role of large-Scale industries in industrial development of India 2.2 Performance of major large-scale industries in India i) Iron and Steel Industry ii) Cotton and Synthetic Textile Industry iii) Sugar Industry iv) Cement Industry v) Petro chemical Industry vi) Automobile Industry vii) Information and Technology Industry 2.3 Role of MNCs in Indian industries	
Chapter 3	Micro, Small and Medium Industries	05 Lectures
	3.1 Definition and importance/ Role 3.2 Problems of MSMEs 3.3 Important provisions of MSME Act 2006 and Recent developments	
Chapter 4	Industrial Sickness	15 Lectures
	4.1 Meaning and magnitude of industrial sickness in India 4.2 Causes of industrial sickness 4.3 Consequences of industrial sickness 4.4 Remedial Measures of industrial sickness 4.5 Provisions of Companies Act, 2013 for revival and rehabilitation of sick units	
Chapter 5	Industrialisation and Environment Issues	10 Lectures
	5.1 Industrial growth and environmental degradation 5.2 Sustainable Industrial Development and Environmental Protection 5.3 Environmental policy in India	
	Total	60 Lectures

Recommended Books:

1. Ahluwalia I.J (1985) Industrial Growth in India, Oxford University Press, New Delhi

2. Barthwal R.R.(2021) Industrial Economics, New Age International Publishers, New Delhi.
3. Bagchi Amiya and Banerjee Nirmala (1981), Change and Choice in Indian industry, Centre for Studies in Social Science in Kolkatta.
4. Cherunilam Francis(1989), Industrial Economics- Indian Perspective, Himalaya Publishing House, Delhi.
5. Datta Ruddar and Sundaram K.P.M (2023) Indian Economy, S.Chand and Co. New Delhi.
6. Desai Vasant(1987), Indian Industry: Profile and Related Issues, Himalaya Publishing House, Mumbai
7. Divine P.J. ,Lee N., Jones R.M. and Tyson W.J. (2018), An Introduction to Industrial Economics ,Routledge London
8. Gadgil D.R.(2007) Industrial Evolution in India in Recent Times , Read Books
9. Hay, Donald A (1979)Industrial Economics : Theory and Evidence, Oxford University Press
10. Jaynal Ud-din Ahemad and Md. Abdul Rashid(2014) Micro, Small and Medium Enterprises MSMEs) in India, New Century Publications, New Delhi
11. Kuchhal S.C.(1980) Industrial Economy of India, Himalaya Publishing House, Mumbai
12. Kuchal S.C(1974) Major Industries in India, Chaitanya Publishing House, Allahabad
13. Mani N.(2020)Industrial Economics, New Century Publications, New Delhi
14. Misra S.K. and Puri V.K. (2023) Indian Economy, Himalaya Publishing House, New Delhi
15. Prasad K.N.(2003) Indian Economy Before and Since the Reform, Atlantic Publishers, New Delhi
16. Singh A and Sadhu A.N. (1988) Himalaya Publishing House, Mumbai
17. Sivayya K.V. and Das V.B.M. (1975) Indian Industrial Economy, S. Chand and Co.Ltd., New Delhi

Progressive Education Society's
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Second Year of M.A. Economics Semester – IV
(2024 Course under NEP 2020)
Major Elective - I

Course Code: 23ArEcoP421

Course Name: Rural Development

Teaching Scheme: TH: 04 Hours/Week

Examination Scheme: CIA: 50 Marks

Credit: 04

End-Sem: 50 Marks

Course Objectives:

1. The course aims at different sectors of rural economy
2. The course aims to enlighten the students with various changes in rural economy.
3. The course aims at the development of rural areas.
4. The course aims to study the problems faced by rural population.
5. The course aims at awareness of various schemes and projects that benefit the rural population.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define rural development as a process of improving the quality of life and economic well-being of people living in rural areas.
2. Understand the development of areas that are lagging behind in overall development of rural economy.
3. Identify the problems faced by rural population.
4. Analyze the living conditions of the people living in rural areas.
5. Evaluate the problems of rural development.
6. Discuss the rural development programs.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Introduction to Rural Development	10 Lectures
	1.1 Concept, objectives and importance of Rural Development. 1.2 Gandhian Approach to Rural Development. 1.3 Provision of Urban Amenities in Rural Areas (PURA). 1.4 Rural administrative machinery. 1.5 73 rd Constitutional Amendment.	

Chapter 2	Aspects of Rural Development	20 Lectures
	2.1 Rural Infrastructure- Roads, Railways, Irrigation, Electricity, Housing, Sanitation, Communication links, Education, Health and family welfare. 2.2 Agriculture in India - land reforms, changes in cropping pattern, farm sector and non-farm allied sector. 2.3 Food Security in India. 2.4 Rural Indebtedness - magnitude, causes and remedial measures. 2.5 Rural Credit – Institutional sources of credit and non-institutional sources of credit. 2.6 Microfinance institutions in India, Self-help groups 2.7 Rural Industrialization and agro-based industries. 2.8 Cottage industries - Growth, problems and solutions. 2.9 Rural Entrepreneurship – Meaning and concept.	
Chapter 3	Problems of Rural Development	15 Lectures
	3.1 Rural Unemployment- Magnitude, causes and remedies. 3.2 Status of rural women in India. 3.3 Migration of rural population – causes and solutions. 3.4 Rural poverty - causes & remedies.	
Chapter 4	Rural Development Programs	15 Lectures
	4.1 TRYSEM 4.2 IRDP 4.3 Swarn Jayanti Gram Swarojgar Yojana 4.4 MGNREGA 4.5 DAY- NRLM	
	Total	60 Lectures

Recommended Books:

1. Annual Reports: Ministry of Rural Development, Govt of India.
2. Datt Gaurav, Sundharam, Nag Biswajit, (2023), Indian Economy, S. Chand & Co. Ltd.
3. Desai T.K., (2012), A Text Book of Rural Development, Pragun Publication.
4. Das Sourav, (2023), An Introduction to rural development: Concepts and Applications, Global Net Publication.
5. Desai Vasant, (2010), Rural Development in India, Himalaya Publishing House.
6. Gupta K.R, Nati Prasenjit, (2008), edited by rural development in India, Atlantic Publisher.
7. Kumari Veena, (2012), Rural Development Strategies in India, Lobus Press.

8. Kapila Uma, (2023), Indian Economy: Performance and Policies, Academic Foundation.
9. Puri, V.K., Misra, S.K., Garg Bharat, (2023), Indian Economy, Himalaya Publishing House.
10. Rais Ahmad, (2013), Cooperatives and Rural development in India, New century publications
11. Singh Katar, Anil Shishodia, (2023), Rural Development: Principles, Policies and Management, Atlantic Publishers and Distributers.
12. Annual Reports: Ministry of Rural Development, Govt of India.
13. Behera Ku. Rajeeb, (2023), Steps Towards Rural Development in India, Notion Press.
14. Hunter, Gui, (1970) Administration of Agricultural Development: Lessons from India), Oxford University Press.
15. Periodicals: Yojana (Marathi) Yojana (English), Kurukshetra (English)- All published by Publications Division, Ministry of I & B, Government of India, New Delhi.
16. Priyam Amrita, (2024), Basics to Rural Development, Milestone Publishers and Distributers, New Delhi.
17. Sikligar P.C., (2020), Panchayati Raj & Rural Development: Policy, Practice and Implication, Blue Rose Publishers.

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Second Year of M.A. Economics Semester - IV
(2024 Course under NEP 2020)
Major Elective - II

Course Code: 23ArEcoP422

Course Name: Economics of Environment

Teaching Scheme: TH: 04 Hours/Week

Credit: 04

Examination Scheme: CIA: 50 Marks

End-Sem: 50 Marks

Course Objectives:

1. The course aims at educating students about environmental economics.
2. The course aims at studying well-being through environmental balance.
3. The prime objective of this paper is to equip the students regarding economic aspects of environment & development.
4. The course aims at introducing the students to different laws relating to environment.

Course Outcomes:

After completion of this course, the student will be able to:

1. Define economics of environment.
2. Understand the concept of environmental protection.
3. Identify environmental problems.
4. Analyze the technological changes in agricultural and industrial sector.
5. Determine the concept of natural farming, forest depletion, social forest.
6. Elaborate the concept of Central Pollution Control Board and environmental policy.

Course Contents

Chapter	Title	Allotted lectures (60)
Chapter 1	Introduction to Economics of Environment	15 Lectures
	1.1 Economics of Environment: Meaning, Nature, Scope and Significance. 1.2 Environment– Economic and Development-Common Property. 1.3 Resources - Eco-systems – Loss of Bio-diversity. 1.4 Sustainable Development.	

	1.5 Environmental degradation	
Chapter 2	Industrialization and Environment Issues	15 Lectures
	2.1 Industrial growth and environmental degradation. 2.2 Sustainable industrial development and environmental protection. 2.3 Environmental policy in India.	
Chapter 3	Environmental problems of agricultural development	15 Lectures
	3.1 Technological changes in Agriculture and Environment; Excess use of Water, Fertilizers, Pesticides and Environment. 3.2 Concept of Natural Farming – Large sized dams and Environment 3.3 Forest Depletion; Cause, Consequences and Remedies – Significance of Social Forestry. 3.4 Social forest.	
Chapter 4	Environmental Protection and Environmental policy	15 Lectures
	4.1 Role of Public, Private, and Co-operative sectors in Environmental Protection. 4.2 Environment Management Techniques: Cost Benefit Analysis– Assessment Environmental Impact -Environmental Audit. 4.3 Environmental Protection Laws in India 4.4 Central Pollution Control Board (CPCB). 4.5 Role of environmental education.	
	Total	60 Lectures

Recommended Books:

1. Breck Peter, Helfand Gloria, (2015), The Economics of Environment, Pearson Education India.
2. Bhattacharya N. Rabindra, (2002), Environmental Economics: An Indian Perspective, Oxford University Press.
3. Baumol, W.J. & W.E. (1997), The Theory of Environmental Policy, Prentice Hall, Englewood- cliffs.
4. Bhardwaj, R. (1983), Managing Limits to Growth, Asian and pacific Development Centre, Kula Lumpur.
5. Dorfman, R & N. Dorfman (Eds.) (1977), Economics of the Environment. W.W. Norton, New York.
6. Jhingan M.L., (2009), Environment Economics: Theory, Management and Policy, Vrinda Publications.

7. Mani N., (2020), Environmental Economics, New Century Publications.
8. Muthukrishnan Subhashini, (2015), Economics of Environment, PHI Learning Pvt. Ltd.
9. Raj Nitesh, (2023) Economics of Environment, Bluerose Publishers Pvt. Ltd.
10. Singh Katar, Shishodia Anil, (2007), Environmental Economics, Sage India.
11. Foster Bellamy John, (1994), The Vulnerable Planet: A Short Economic History of the Environment Monthly Review Pr; Revised, Subsequent edition.
12. Prato Tony, (1999), Natural Resources and Environmental Economics, Wiley-Blackwell.
13. N. Bhattacharya (2006), Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi
14. The Hindu Survey of Environment: Annual Reports.
15. Ulaganathan, Sankar (2006), Environmental Economics, Oxford University Press, New Delhi.