

SYLLABUS

For

ONE YEARS MA Economics PROGRAMME

(Programme Structure & Syllabus)

(As per Uttar Pradesh NEP-2020 P.G. Course Structure aligned with FYUGP of UGC)

W.e.f.-Academic Session 2025-26



Glocal School of Arts and Social Science

GLOCAL UNIVERSITY

Delhi-Yamunotri Marg (State Highway 57),
Mirzapur Pole, Dist - Saharanpur, U.P. - 247121,
India

Programme	M.A. (Economics)
Course Level	PG Degree
Duration	ONE years (TWO semesters) Full Time
Medium of Instruction	English/Hindi
Minimum Required Attendance	75%
Maximum Credits	40

	Evaluation Scheme:		
	Internal	External	Total
Theory	25	75	100
Practical	100	--	100
Seminar/Industrial Training	100	--	100
Project/ Dissertation Reports	100	--	100

Programme Objectives (POs):

Economics is long-established discipline whose relevance to the world of business, government, international relations and academia is widely acknowledged. The Master of Arts (M.A.) Programme in Economics reflects new developments in the Economics discipline. The curriculum has a strong theoretical and quantitative focus with all students being trained in the use of computers and statistical software that they find useful in their professional careers in academia, research institutions, government, and industry. The Programme is semester-based under CBCS and includes a large number of elective courses with specialization in different fields of choice. Entry into the Programme requires basic knowledge of analytical, mathematical, and quantitative skills. At the end of Master of Arts (M.A.) Programme in Economics, the student should be able to bring to bear these skills to the Modeling and analysis of a wide range of theoretical and applied problems in Economics and to the understanding and solution of real world economic and social problems.

Programme Outcomes (POs):

After completing this programme students will be able to:

PO1. Apply knowledge of economic theories and practices to solve economic problems. Understand, analyze and communicate global, legal and ethical aspects of economic environment.

PO2. Analytical and critical thinking abilities for data based decision making of economic activities at local and national level. Develop the ability to explain the core economic terms, concepts and theories globally.

PO3. Identify key microeconomics and macroeconomics indicators and measures of economics change, growth and development at local and national level.

PO4. Develop the ability to analyze the function of market and prices as locative mechanisms for fulfilling local needs.

PO5. Acquaint with some basic concept of environmental economics along with the solution of the environmental problems at global level.

PO6. Learn the basic concept of monetary analysis and financial marketing in Indian financial markets at national level. Learn the real and monetary sides of International economics globally.

PO7. Delineate the fiscal policies designed globally for developed and developing economics.

PO8. Acquaint with some basic statistical and mathematical methods to be applied in economics.

PO9. Acquaint with some basic theoretical concept of public finance.

PO10. Familiarize and acquaint with the characteristics of the economy of India at national level.

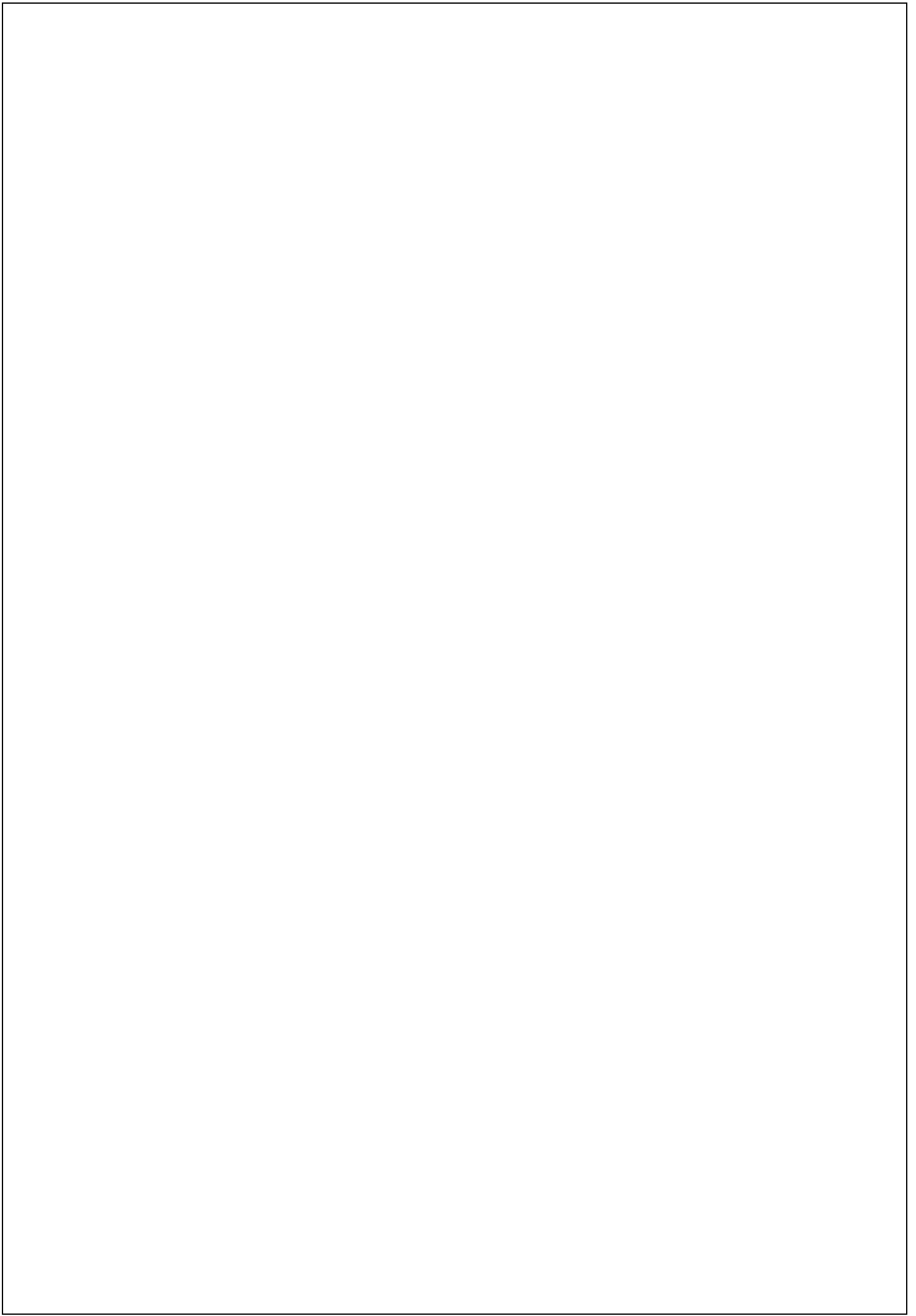
Programme Specific Outcomes (PSOs):

- PSO1:** Students can know how to apply the knowledge from Economics in various sectors of society in order to solve various financial issues.
- PSO2:** Students will know Foreign Trade, FDI, International Trade, Foreign Policy, International Institutions, such as W.T.O, World Bank, I.M.F, ASSION, and Trade Policies and International debts etc. and can design local policies to overcome economic crises.
- PSO3:** Students can utilize their knowledge to solve issues in land reforms, traditional and Modern Agriculture, Small and Marginal Farmers, Agricultural Production and Productivity. Students can design policy to build the gap between agricultural, Industry, infrastructure sectors. Students can be aware of and make the public aware of Taxation, Public debt, Fiscal and Monetary policy etc.
- PSO4:** Students can understand Fund Based Economic Activities and Non Fund based Activities, Sources of Revenue, and Banking in India

Programme Structure and Evaluation Scheme
M.A. (Economics) - ONE Years PG Programme

Uttar Pradesh NEP-2020 P.G. Course Structure aligned with FYUGP of UGC								
Master of Arts- Economics, Semester-I/III/IX								
(ONE Year Program)								
Course Code	Course Title	Teaching Load			Credits	Evaluation Scheme		Total
		L	T	P		Internal	End Sem.	
A080901T	International Economics-I	4	0	0	4	25	75	100
A080902T	Public Finance-II	4	0	0	4	25	75	100
A080903T	Economics of Growth and Development-II	4	0	0	4	25	75	100
A080904T	Labour Economics	4	0	0	4	25	75	100
Economics Research Project/Dissertation as per Point 7.10								
A080905R	Economics Research Project/ Dissertation-1	0	0	4	4	--	100	100
Total Credit					20	100	400	500

Uttar Pradesh NEP-2020 P.G. Course Structure aligned with FYUGP of UGC								
Master of Arts- Economics, Semester-II/IV/X								
(ONE Year Program)								
Course Code	Course Title	Teaching Load			Credits	Evaluation Scheme		Total
		L	T	P		Internal	End Sem.	
A081001T	International Economics-II	4	0	0	4	25	75	100
A081002T	Environmental Economics	4	0	0	4	25	75	100
A081003T	Economics of Health and Education	4	0	0	4	25	75	100
A081004T	Agricultural Economics	4	0	0	4	25	75	100
Economics Research Project as per Point 7.10								
A081005R	Economics Research Project/Dissertation -2	0	0	4	4	--	100	100
Total Credit					20	100	400	500



**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – I

A080901T: International Economics I

Course Objectives:

The course aims at enabling students to understand the issues in International trade and Global Institutions with the help of Sound Economic Theories and Applications which tend to govern the free flow of trade in goods, services and capital — both short-term and long-term — at the global level for skill development, employability and entrepreneurship development.

Course Content:

Unit -1:

Introduction and Classical Theory of International Trade:

International Trade- Meaning, Characteristics, Economic Growth and international trade, Recent Trends, Theories of Absolute Advantage, Comparative Advantage and Opportunity Costs

Unit- 2: Modern Theory of International Trade:

Heckscher - Ohlin theory of trade, Stopler Samuelson and Rybezynski theorem; Terms of Trade- Concept, classification, importance, Gains - Factors affecting, and limitations for skill development and entrepreneurship development

Unit- 3: Exchange Rate:

Purchasing Power Parity Theory, Mint Parity Theory, Causes of Changes in Exchange Rates, Fixed and Floating Exchange Rates, Exchange Control for skill development and entrepreneurship development

Unit - 4: Balance of Payments:

Concept, Components, Importance, Balance of Trade vs Balance of Payments; Disequilibrium-Types, causes and policies to correct disequilibrium in balance of payments for skill development, employability and entrepreneurship development.

.

Course Outcomes:

After completing this course students will be able to:

CO1. Describe the concept of International trade and classical theory of International trade for skill development.

CO2. Describe the modern theories of International trade for skill development and entrepreneurship development at national and global level.

CO3. Explain the concept of exchange rate and exchange control for skill development and entrepreneurship development globally.

CO4. Describe the concept, components, importance of Balance of Trade and differentiate between Balance of Trade and Balance of Payments for skill development, employability and entrepreneurship development globally.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

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

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	1	1
CO2	3	1	2
CO3	3	1	2
CO4	3	2	2

Suggested Readings:

- 1- Agarwal & Varla, Anterrashriya Arthshastra (Hindi).
- 2- Charles, Kindleberger, International Economics.
- 3- Ellsworth, P. T., Anterrashriya Arthshastra (Hindi).

Website Sources:

- <https://www.economicdiscussion.net/international-economics/international-economics-its-concept-parts/4205>

- https://en.wikipedia.org/wiki/International_economics
- <http://internationalecon.com/Trade/Tch5/T5-2.php>
- <https://www.sciencedirect.com/topics/economics-econometrics-and-finance/international-economics>

Note: Latest editions of all the suggested readings must be used.

ONE YEAR
Master of Arts (Economics)
Programme
SEMESTER – I
A080902T: Public Finance -II

Course Objectives:

The course aims at enabling students to understand the financial activities of government concerning revenue, expenditure and debt operations and their impact on economy and to analyze the impact of these financial activities on individuals and corporate bodies for skill development, employability and entrepreneurship development.

Course Content:

Unit-1: Fiscal federalism in India:

Principles and Problems of Federal Finance, Vertical and Horizontal Imbalances, Division of Functions and Resources between Central and State; Central and State Financial Relations, Finance Commission – Functions, Recommendation of 14th Finance Commission for skill development.

Unit-2: Indian Public Expenditure:

Classification, Sources of Public Expenditure of Central and State, Trends of Public Expenditure in India for skill development, employability and entrepreneurship development, Government Budgeting: Purpose, Classification and Preparation of Budget, Budget Deficit – Types, Structure and Trends, Zero base Budgeting, Programme Budgeting.

Unit-3: Indian Public Revenue:

Salient Features and drawbacks of Indian Taxation Structure , Main Sources of Revenue of Central and State, Incidence, Impact and Shifting of Tax, Tax Reforms, GST; Concept, Features and Progress for skill development, employability and entrepreneurship development.

Unit-4 Indian Public Debt:

Trends ,Composition and effects of Public Debt in India, Position of Foreign Debt, Limitations of Public Debt, Deficit Financing for skill development.

.

Course Outcomes:

After completing this course students will be able to:

CO1. Explain the fiscal federalism in India, federal finance and finance commission for skill development at national level.

CO2. Explain the Indian Government financial activities concerning Public Expenditure for skill development, employability and entrepreneurship development.

CO3. Explain the Indian Government financial activities concerning Public Revenue and taxation for skill development, employability and entrepreneurship development

CO4. Explain the Indian Government financial activities concerning Public Debt for skill development.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

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

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	1	1
CO2	3	2	2
CO3	3	2	2
CO4	3	1	1

Suggested Readings:

- 1- Bhatia, H.L., Public Finance.
- 2- D.N. Dwivedi, Readings in Indian Public Finance (ed.).
- 3- Datt, R. & Sundaram, P.K., Indian Economy.
- 4- Datt, R. and Sundram, K.P.M, Indian Economy.

- 5- Gandhi, V.P., Aspects of India's tax structure.
- 6- Government of India, Economics Survey.
- 7- Govinda Rao M. and Sen Tapas K., Fiscal Federalism in India: Theory and Practice.
- 8- Govt. of India, Economic Survey (Latest).
- 9- Gupta, S.N., Public Finance and International Trade.
- 10- Lekhi, R.K., Public Finance.
- 11- Mishra, B., Economic of Public Finance.
- 12- Oujha, B.L., Public Finance and International Trade.

Website Sources:

- https://edurev.in/courses/10460_Public-Finance-Notes--Videos
- <http://rccmindore.com/wp-content/uploads/2015/06/Public-Finance-II-year.pdf>
- <http://www.rjspm.com/PDF/Public-Finance-Notes-PDF.pdf>
- http://ebooks.lpude.in/arts/ma_economics/year_1/DECO404_PUBLIC_FINANCE_ENGLISH.pdf

Note: Latest editions of all the suggested readings must be used.

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – I

A080903T: Economics of Growth and Development-II

Course Objectives:

The course is about fundamental models used to analyze theoretical and empirical issues in economic growth and development for improving skill development.

Course Content:

Unit-1: Theories of Development

Classical theory of development – Contribution of Adam Smith, Ricardo, Malthus and Mill, Karl Marx and development of Capitalistic economy for skill development; Crises in capitalism – The Schumpeter's Theory.

Unit-2: Approaches to Development –A

Partial Theories of growth and development for skill development – Lewis Model of Labour Surplus, Theory of Big Push , Theory of balanced growth; Theory of unbalanced growth, Leibenstein's Theory of Critical Minimum Efforts.

Unit-3: Approaches to Development - B

Low Income Equilibrium Trap: Dualism – Technical, behavioural and social: Ranis and Fei Model, Dependency Theory of Development and Structuralistic views for skill development.

Unit-4: Growth Models

Growth models - Harrod and Domar , Instability of equilibrium, New Classical growth Models; Solow, Meade and Mrs. Joan Robinsons; Criticism of New Classical analysis of growth for skill development.

Course Outcomes:

After completing this course students will be able to:

CO1. Develop the knowledge of the theories of development nationally for skill development.

CO2. Describe the knowledge of the partial theories of growth and development for skill development.

CO3. Develop the knowledge of the approaches to development.

CO4. Develop the knowledge of the growth models for skill development.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

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

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1

Suggested Readings:

- 1- Adelman, I., Theories of Economic Growth and Development.
- 2- Behrman, S. and Srinivasan, T.N., Handbook of Development Economics, Vol. 3.
- 3- Ghatak, S., An Introduction to Development Economics.
- 4- Lekhi, R.K., Economics of Growth and Development and Planning.
- 5- Myint, H., Economic Theory and Underdeveloped Countries.
- 6- Myint, Hal., The Economics of Underdeveloped Countries.

Website Sources:

- http://ebooks.lpude.in/arts/ma_economics/year_2/DECO501_ECONOMICS_OF_GROWTH_AND_DEVELOPMENT_ENGLISH.pdf
- https://www.researchgate.net/publication/309577823_Concepts_of_Economic_Growth_and_Development_Challenges_of_Crisis_and_of_Knowledge
- https://sg.inflibnet.ac.in/bitstream/10603/173845/8/08_chapter%201.pdf

Note: Latest editions of all the suggested readings must be used.

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – I

A080904T: Labor Economics

Course Objectives:

The course aims at enabling students to understand the theoretical as well as empirical issues relating to the labour market with special reference to India for skill development and employability at national level.

Course Content:

Unit - 1: Labour Market

Labour – Characteristics, Role in Economic Development, Employment and unemployment, Mobility of Labour; Productivity of Labour – Meaning, Measurement, Factors affecting productivity, Rationalization; Nature and Characteristics of Labour Markets in Countries like India; Methods of recruitment and placement for skill development and employability at national level.

Unit -2: Wages Determination:

Theories of Wages Determination for skill development and employability at national level, Methods of Wage Payment; Concept and Importance of minimum, Living and Fair Wages, Wage differentiates, Wage determination in Rural, Urban, Organized and Unorganized Sectors, Bonus System; Profit Sharing, National Wage Policy.

Unit – 3 Industrial Relations and Trade Unions:

Industrial disputes and industrial peace; methods of settlement and prevention of industrial disputes; industrial relations in India; workers participation in management Collective bargaining and wage theory; Trade union movement in India; problems and limitations for skill development and employability

Unit- 4 Social Security and labour policy

Social Security- Meaning and evolution; social assistance and social insurance; social security and labour welfare in India, Labour policy in India, manpower planning; Labour Market Reforms and Impact of Globalization on Labour Markets, Employment Service Organization in India for skill development.

Course Outcomes:

After completing this course students will be able to:

CO1. Describe the characteristics and role of labour and labour market in economic development of the country for skill development and employability at national level.

CO2. Describe the various wages determination and methods of wage payment country for skill development and employability locally.

CO3. Explain the concept of industrial relations and trade unions country for skill development and employability.

CO4. Define the meaning of social security, social assistance, social insurance and labour policy country for skill development.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

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

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	3	1
CO2	3	3	1
CO3	3	3	1
CO4	3	1	1

Suggested Readings:

- 1- Hajela, P.D., Labour Restructuring in India: A Critique of the New Economic Policies.

- 2- Lester, R.A., Economics of Labour.
- 3- McConnell, C.R. and Brue, S.L., Contemporary Labour Economics.
- 4- Mishra, L., Child Labour in India.
- 5- Papola, T.S., Ghosh, P.P. and Sharma, A.N., Labour, employment and industrial Relations in India.
- 6- Saxena, R.C., Labour Problem and Social Welfare.
- 7- Sharma, A.N., Informal Sector In India: Emerging Perspectives.

Website Sources:

- https://en.wikipedia.org/wiki/Labour_economics
- <https://economics.mit.edu/files/4689>
- <http://web.uvic.ca/~hschuetz/econ370/hndout1.pdf>

Note: Latest editions of all the suggested readings must be used.

**ONE YEAR
Master of Arts (Economics) Program**

SEMESTER – I

A080905R: Economics Research Project/Dissertation-1

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – II

A081001T: International Economics II

Course Objectives:

The course aims at enabling students to understand the issues in International trade and Global Institutions with the help of Sound Economic Theories and Applications which tend to govern the free flow of trade in goods, services and capital — both short-term and long-term for their skill and entrepreneurship development — at the global level.

Course Content:

Unit-1: Tariffs:

Types, Effects under partial equilibrium and general equilibrium for skill development, Optimum tariff and Stopler Samuelson Theorem

Unit-2: Non-Tariff Barrier (NTB) and Quotas:

Concept, Types and effects, tariffs versus quotas. Dumping: Types, objectives, Price determination in dumping for skill development, Effects and anti-dumping measures

Unit-3: Economic Integration:

Types and reasons for economic integration, Theory of custom union, Static and Dynamic effects of a Customs Union and free trade areas for skill development, European Union, SAARC/SAPTA and ASEAN.

Unit-4: India's Trade Policy

Recent changes in the direction and composition of trade and their implications; recent import and export policies and agenda for future; Debt crisis: Causes and Measures to solve. Working and regulations of MNCs in India for skill development

•

Course Outcomes:

After completing this course students will be able to:

CO1. Describe the concept of tariffs, its types and effects for their skill and entrepreneurship development.

CO2. Describe the concept of non-tariff barrier (NTB) and Quotas for skill development at national and global level.

CO3. Explain the types and reasons for economic integration for their skill development and develop the knowledge of the theory of custom union and European Union

CO4. Develop the knowledge of the India's trade policy and working and regulations of MNCs in India for their skill development at national level.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

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

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	1	2
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1

Suggested Readings:

- 1- Ahuja, H.L., Antarrashtriya Vayapar.
- 2- Chacholiades, M., International Trade: Theory and Policy.
- 3- Kenen, P.B., The International Economy.
- 4- Kindlberger, C.P., International Economics.
- 5- Krugman, P.R. and Obstgeld, M., International Economics: Theory and Policy.
- 6- Salvatore, D., International Economics.
- 7- Soderston, B.O., International Economics.

Website Sources:

- <https://www.economicdiscussion.net/international-economics/international-economics-its-concept-parts/4205>
- https://en.wikipedia.org/wiki/International_economics
- <http://internationalecon.com/Trade/Tch5/T5-2.php>
- <https://www.sciencedirect.com/topics/economics-econometrics-and-finance/international-economics>

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – II

A081002T: Environmental Economics

Course Objectives:

The course aims at enabling students to understand and familiarize with the theory and application of economics to environmental problems and prepare them for analyzing issues in environmental economics and policy. It will focus on the design of cost effective environmental policies and on methods for determining the value of environmental amenities. The purpose of the course is to provide an introduction to the application of economic principles to environmental problems for their skill development at local, national and global level.

Course Content:

Unit- 1: Basics of Environment:

Meaning, Importance and Scope of Environmental Economics; the Evolution and Growth of Environmental Economics for skill development; The Concept of Externalities; Environment as a Public Good, Market Failure; Environmental Kuznets's Curve: Theory and Some Empirical Evidence.

Unit -2: Environmental Valuation:

Meaning and Types of Environmental Valuation, Market Valuation, Contingent Valuation Method (CVM), Hedonic Pricing Technique; Measures of non-Use Values – Option Value and Existence Value and Environmental Accounting for skill development.

Unit -3:

Economics of Natural Resources:

A Resource Taxonomy; Managing Exhaustible and renewable resources for skill development; The Theory of Collective Choices: Hardin's Thesis of the Tragedy of Commons; Prisoner's Dilemma Game, Olsen's theory of collective action.

Unit 4: Methods of Abatement of Externalities:

The Pigouvian Tax – Subsidy Approach; The Coasian Property Rights Approach. Sustainable Development: Concept, Indicators, Measurement and Strategies for Sustainable Development for skill development.

Course Outcomes:

After completing this course students will be able to:

CO1. Define the meaning of Environmental Economics globally and explain its importance and Scope for skill development.

CO2. Develop the knowledge of the Meaning and types of environmental valuation and market valuation for skill development.

CO3. Develop the knowledge of the economics of natural resources for skill development at national level.

CO4. Describe the methods of abatement of externalities and sustainable development for skill development.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

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

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	1	1

Suggested Readings:

- 1- Bhattacharya, R.N. (Ed.) (2001), Environmental Economics: An Indian Perspective.

- 2- Bromely, D. W. (ed.), Handbook of Environmental Economics.
- 3- Cropper, M. L. and Oates, W. E., Environment Economics: A survey.
- 4- Dasgupta, P and Heal, G. M., Economic Theory and Exhaustible Resources.
- 5- Dixon, J., Economic Analysis of Environmental Impacts.
- 6- Field, B. C., Environmental Economics: An Introduction.
- 7- Fisher, A. C., Environment and Resource Economics in Oates.
- 8- Hanley, N, J. F. Shogren and White, B., Environmental Economics in Theory and Practice.

Website Sources:

- <https://www.rajas.in/environment-india-basics/>
- https://en.wikipedia.org/wiki/Environment_of_India
- https://en.wikipedia.org/wiki/Environmental_issues_in_India
- <https://www.tcd.ie/Economics/staff/amtthews/FoodPolicy/LectureTopics/Environment/Lecture20.htm>

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – II

A081003T: Economics of Health and Education

Course Objectives:

This paper is an introduction to the field of economics of health and education. Economics of health and education is an application of microeconomics with rest and ever growing literature. The understanding of these concepts is needed for an analysis of health and education system and policies for skill development and employability at local, national and global level.

Course Content:

UNIT 1:

Economics of Health: Concept, dimensions and indicators; Determinants of health status; Disease burden and its measurement; Economic appraisal in health care – Cost benefit and cost effectiveness approaches; Environment and health for skill development; Human capital and health, The demographics of health: aging, obesity, and disability.

UNIT 2:

India's Health care system: Health care Reform, Public and Private expenditure on health, Health planning and management for skill development; National policy on Health; Health programmes and infrastructure, Financing of health programmes in India, Primary health care and health for all; Community health care. Expenditure on health during post-reform period, health, poverty and economic growth in India, International health organizations-WHO and other United Nations agencies

UNIT 3:

Health Care markets: Uncertainty and the welfare economics of Medical Care, Health Insurance, Hospitals and the theory of non-profits, Employer provision of health care for skill development, uninsurance : Causes and Consequences; Technological change and Health Care, Information asymmetries in health insurance markets, Externalities in health care markets.

UNIT 4:

Concept of Economics of education: Educational production function; Education, productivity and income; Educational indicators; Education and economic development for skill development and employability; Human development-concept and measurement; Educational costs and benefits-Educational cost functions, cost-benefit model; Educational planning and manpower; NGOs and Human Resource Development.

India's educational system: Problems and suggestions; Human capital in India; National policy on education; Financing of education in India; Expenditure on education during post-reform period.

•

Course Outcomes:

After completing this course students will be able to:

CO1. Develop the knowledge of the Economics of Health for skill development.

CO2. Describe the knowledge of India's health care system and reforms for skill development at national level.

CO3. Develop the knowledge of the health care markets for skill development.

CO4. Develop the knowledge of the Economics of education and human resource development for skill development and employability.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	2	1	1	1	1	1	1	1
CO2	2	2	1	1	1	1	1	1	1	1
CO3	2	2	2	1	1	1	1	1	1	1
CO4	2	2	1	1	1	1	1	1	1	1

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	1	1
CO2	3	1	1
CO3	3	1	1
CO4	3	2	1

Suggested Readings:

1. Mark Blaug Economics of Education: Selected Readings, vol. I & II
2. Schultz, T.W. Investment in Human Capital
3. Ritzen, J.M.M. Education, Economic Growth and Income Distribution.
4. Folland, Goodman, and Stano The Economics of Health and Health Care.
5. Thomas E. Getzen Health Economics.
6. Mahbubul Haq Quality of Life.
7. Martha Nussbaum & Amartya Sen Quality of Life.
8. Park and Park Textbook of Preventive and Social Medicine.
9. Human Development Report – 2007.
10. Phelps Health Economics, 3rd edition.
11. National Human Development Report –2001.
12. Report on National Commission on Macroeconomics and Health –2005.

Website Sources:

- <https://byjus.com/commerce/economic-reforms/>
- https://en.wikipedia.org/wiki/Five-Year_Plans_of_India
- https://en.wikipedia.org/wiki/Poverty_in_India
- <https://journals.openedition.org/echogeo/14300?lang=en>

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – II

A081004T: Agricultural Economics

Course Objectives:

The course aims at enabling students to provide a detailed treatment of issues in agricultural economics and to make them familiarize with policy issues that are relevant to Indian agricultural economics and enable them to analyze the issues, using basic micro-economic concepts for skill development and employability at local and national level .

Course Content:

Unit 1: Introduction of Agricultural Economics and Agricultural Inputs:

Meaning, Nature, Scope and Role of Agriculture in Economic Development Seeds, Fertilizers, Irrigation, Agricultural credit-sources in India and their comparative importance for skill development and employability

Unit 2: Agricultural Production and Supply Function:

Laws of returns in relation to agriculture; Technological changes and green revolution for skill development and employability; Mechanization of agriculture and green revolution in India, Blue revolution & white revolution in India. Response of production to prices and non-price incentives, Cobweb models; Nature of supply curves

Unit 3: Agricultural Prices:

Relation between cost and price, Profit maximization in agricultural, Agricultural price Policy in India and the role of Commission for Agricultural Cost & Prices for skill development, Dual Prices; Agricultural taxation and subsidies in India

Unit 4: Farm size, productivity and Agriculture and External Sector:-

Returns to scale and size of farm, small v/s large farms, relationship between farm size and productivity, Pattern of holdings in India and Farm-size policy, Agricultural marketing. Changes in agriculture at international level, New Agricultural Policy for skill development and employability, Capital Formation and Infrastructural changes in Indian agriculture, International trade in agricultural commodities, the World Trade Organization and its effects on Indian agriculture, Issues in liberalization of domestic and international trade in agriculture, Role of MNCs.

.

Course Outcomes:

After completing this course students will be able to:

CO1. Develop the knowledge of the introduction of agricultural economics and agricultural inputs for skill development and employability.

CO2. Describe the knowledge of agricultural production and supply function for skill development.

CO3. Develop the knowledge of the agricultural prices and agricultural taxation for skill development.

CO4. Develop the knowledge of the farm size, productivity and agriculture and external sector for skill development and employability globally.

PO-CO Mapping (Please write 3, 2, 1 wherever required)

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	2	2	1	1	1	1	2	1	1	2
CO2	2	2	1	1	1	1	2	1	1	2
CO3	2	2	1	1	1	1	2	1	1	2
CO4	2	2	1	1	1	1	2	1	1	2

CO-Curriculum Enrichment Mapping

(Note: 3 for highly mapped, 2 for medium mapped and 1 for low mapped)

	Skill Development	Employability	Entrepreneurship Development
CO1	3	2	1
CO2	3	1	1
CO3	3	1	1
CO4	3	2	1

Suggested Readings:

- 1- Cohon, R. L., Economics of Agriculture.
- 2- Heady, E. O., Economics of Agriculture.
- 3- Joshi, P. C., Land Reforms in India-Trends and Perspectives.
- 4- Mamoria, C. B., Agricultural Problems in India.
- 5- Mellor, J. W., The Economics of Agricultural Development.

6- Soni, R. N., Agricultural Economics.

Website Sources:

- https://www.researchgate.net/publication/216436248_A_Text_Book_Of_Agricultural_Economics
- <http://www.uky.edu/~deberti/agprod5.pdf>
- http://archive.mu.ac.in/myweb_test/M.A.%20PART%20-%20I%20Agriculture%20Economics%20-%20Eng.pdf

**ONE YEAR
Master of Arts (Economics)
Programme**

SEMESTER – II
A081005R: Economics Research Project/DISSERTATION-2