CHAUDHARY BANSI LAL UNIVERSITY, BHIWANI

(A State University Established by Govt. of Haryana Act. No. 25 of 2014)

Scheme & syllabi of the

Post Graduate Programme

IN

ECONOMICS (M.A Economics)

As per NEP 2020
Curriculum and Credit Framework for Postgraduate Programme

With Multiple Entry-Exit, Internship and CBCS-LOCF

With effect from the session 2025-26

DEPARTMENT OF ECONOMICS
FACULTY OF SOCIAL SCIENCE
CHAUDHARY BANSI LAL UNIVERSITY,
BHIWANI-127021 HARYANA, INDIA

Chairperson
Department of Economics
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Semester-3

Semester	Course Type	Course Code	Nomenclature of course	Theory (T)/ Practical (P)	Credits	Total	Contact hours/ week L: Lecture P: Practical T: Tutorial — L	T	P	Total	Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
3	CC-9	ECO-301	International Economics	T	4	22	4	0	0	4	30	70	100	3
	CC-10	ECO-302	Basic Econometrics	T	3+1		3	0	2	5	T 20, P 10	T 50, P 20	100	3
	CC- 11	ECO-303	Internship Report	T	4		4	0	0	4	50	50 (Viva – Voce External)	100	0
	DEC-3 (Any One)	ECO-304	Agricultural Economics	T	4		4	0	0	4	30	70	100	3
		ECO-305	Financial Economics	T	4		4	0	0	4	30	70	100	3
		ECO-306	Industrial Economics	T	4		4	0	0	4	30	70	100	3
	DEC-4 (Any One)	ECO-307	Behavioural Economics	T	4		4	0	0	4	30	70	100	3
		ECO-308	Economics of Entrepreneurship	T	4		4	0	0	4	30	70	100	3
		ECO-309	Environmental Economics	T	4		4	0	0	4	30	70	100	3
	EEC	ECO-310	Introduction to GST	T	2		2	0	0	2	15	35	50	2
	Hands on training	ECO-311	Soft skill Development	P	2		0	0	4	4	15	35(Practical)	50	-

Note: Students opt in 3rd semester will choose one course out of DEC 03 and DEC 04. Only one course can be chosen from one DEC in 3rd semester.

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Semester-4

Semester	Course Type	Course Code	Nomenclature of course	Theory (T)/ Practical (P)	Credits	Total	Contact hours/ week L: Lecture P: Practical T: Tutorial L	T	P	Total	Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
4	CC- 12	ECO-401	Indian Economic Policy	T	4	20	4	0	0	4	30	70	100	3
	CC- 13	ECO-402	Public Economics	T	4		4	0	0	4	30	70	100	3
	DEC-5 (Any One)	ECO-403	Rural Economics	T	4		4	0	0	4	30	70	100	3
		ECO-404	Economics of Health and Education	T	4		4	0	0	4	30	70	100	3
	DEC-6 (Any One)	ECO-405	Labour Economics	T	4		4	0	0	4	30	70	100	3
		ECO-406	Time Series Econometrics	T	4		4	0	0	4	30	70	100	3
	DEC-7 (Any One)	ECO-407	Economics of Innovation	T	4		4	0	0	4	30	70	100	3
		ECO-408	Social Entrepreneurship and Economic Development	T	4		4	0	0	4	30	70	100	3
	PC	ECO-409	Comprehenive Viv-Voce	P	4		-	0	0	0	-	-	100	External Viva
	Dissertation/ Project Work	ECO-409	DISSERTATION		12	12	0	0	0	12	0	300	300	

Total Credits: 22+22+24+24= 92

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Note: Students who opt 'Dissertation' in 4th semester will choose two courses out of DEC 5, DEC 6 and DEC 7. Only two course can be chosen from one DEC. There will be no core course for such students in 4th semester. The practicum subject is to be studied in both options.

ProgrammeLearningOutcomes (PLOs)forPGProgrammesasperNEP-2020

Programme Learning Outcomes (PLOs): PLOs include outcomes specific to disciplinary areas of learning associated with the chosen field (s) of learning as well as generic learning outcomes. These also include transferable skills and competencies that post graduates of all programmes of study should acquire and be able to demonstrate for the award of the Degree.The programme learning outcomes would also focus on knowledge and skills that prepare students for further study, employment, research and responsible citizenship.

ThePLOs ofthis PGProgrammeareas under:

PLOs	**MasterDegreein Economics**
	AfterthecompletionofMasterdegreeinEconomicsthestudent will be able to:
PLO-1:Knowledgeand Understanding	Demonstrate the fundamental and advanced knowledge of thesubject and understanding of recent developments and issues, including methods and techniques, related toEconomics.
PLO-2:Technical/Professional Skills	Demonstrate the learning of advanced cognitive technical/professional skills required for completing the specialized tasksrelatedtotheprofessionandforconductingandanalysingthe relevantresearchtasksindifferentdomainsofEconomics.
PLO-3:CommunicationSkills	EffectivelycommunicatetheattainedskillsofEconomicsinwell-structured and productive manner to the society at large.
PLO-4:Applicationof Knowledge and Skills	Applytheacquiredknowledgeandskillstotheproblemsinthe

	subjectarea,andtoidentifyandanalysetheissueswheretheattained knowledge and skills can be applied by carrying out research investigations to formulate evidence-based solutions to complex and unpredictable problems associated with the field of Economics or otherwise.
PLO-5:Criticalthinkingand Research Aptitude	Attain the capability of critical thinking in intra/inter-disciplinary areas of Economics enabling to formulate, synthesize, and articulate issues for designing of research proposals, testing hypotheses, and drawing inferences based on the analysis.
PLO-6:Constitutional,Humanistic, Moral ValuesandEthics	Know constitutional, humanistic, moral and ethical values, and intellectual property rights to become a scholar/professional with ingrained values in expanding knowledge for the society, and to avoid unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism.
PLO-7: Employabilityandjob-readyskills	Attain the knowledge and skills required for increasing employment potential, adapting to the future work and responding to the rapidly changing demands of the employers/industry/society with time.

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Table-1

Coursecomposition-Theory/Theory+Tutorial			
CourseCredit	InternalAssessmentmarks	Endtermexammarks	Totalmarks
2	15	35	50
4	30	70	100

Table-2:Coursecomposition-Theory+Practical

CourseCredit	Theory		Practical		Totalmarks
Theory+Practical	InternalAssessmentmarks	Endtermexammarks	InternalAssessmentmarks	Endtermexammarks	
1+1	10	20	5	15	50
2+0	15	35	-	-	50
3+1	20	50	10	20	100
4+0	30	70	-	-	100
0+4	NA	NA	30	70	100

Table-3

TotalInternalAssessmentMarks(Theory)	ClassParticipation	Seminar/Presentation/Assignment/Quiz/classtest,etc.	Mid-TermExam
10	4	0	6
15	4	4	7
20	5	5	10
30	5	10	15

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Table-4

Total Internal Assessment Marks (Theory)	Class Participation	Seminar/Presentation/Assignment/Quiz/class test, etc.	Mid-Term Exam
5	0	5	0
10	5	5	0
30	5	10	15

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Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	International Economics		
Course Code	ECO-301		
Course Type	CC-9		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO1: The first module/unit aims to introduce students to the main theoretical and empirical concepts in international trade, equip students with a thorough analytical grasp of neoclassical trade theories. CLO2: To acquaint the students with derivation of the offer curve, partial equilibrium, general equilibrium and terms of trade. CLO3: This module addresses the theories of factor endowments, Stopler Samuelson theorem, Leontief paradox and modern trade theories which include the economies of scale and imperfect competition. CLO 4: To familiarize students with the main issues in trade policy and with the basic features of the international trading regime and trade protection.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Theories of International Trade** International economics: introduction, international trade and Nation's standard of living, current international economic problems; Trade theories: concept of international trade, basis for and gains from trade, trade based on Absolute Advantages, Comparative advantages, Comparative advantages and opportunity cost; standard theory of trade: production frontier with increasing costs, community indifference curve, equilibrium in isolation.	15
II	**Derivation of Offer Curve and Terms of Trade** Demand and supply, offer curves and terms of trade: Equilibrium relative commodity price with trade - a partial equilibrium analysis, general equilibrium analysis, offer curves, terms of trade.	15
III	**Factor Endowments Theory and Modern Trade** Factor endowments and Heckscher Ohlin Theory: factor intensity, factor abundance, factor price equalization, and income distribution, Stopler Samuelson theorem, Leontief paradox; Modern trade theory: economies of scale, imperfect competition,	15

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	product differentiation.	
IV	**International Trade Policies** International Trade Policy: Trade Restrictions; tariffs, partial equilibrium analysis of a tariff, theory of tariff structure, general equilibrium analysis of tariff in small country and large country, optimum tariff; non-tariff barriers: import quotas, other non-tariff barriers and new protectionism, political economy of trade protectionism.	15
Total Contact Hours		**60**

Suggested Evaluation Methods

Internal Assessment:30		End Term Examination:70	
➢ **Theory:**	**30**	➢ **Theory:**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Salvatore, D., (2014), 'International Economics' 11th edition, Wiley.
- Soderston, B.O. (1991), 'International Economics', Macmillan.
- Krugman, P., Obstfeld, M., Melitz, M. (2018). International Economics - Theory and Policy, 11th ed. Pearson Education.
- Pugel, T. (2015). International economics, 16th ed. McGraw-Hill.
- Bhagwati, J. (1987). International trade: Selected readings. (Vol. 1). MIT Press.

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Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	Basic Econometrics		
Course Code	ECO-302		
Course Type	CC-10		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: understand econometrics basics, including data types, probability distributions, simple linear regression with OLS estimates, and functional forms of regression models, facilitating analysis of economic data. CLO 2: Grasp multiple regression analysis, general linear regression model maximum likelihood estimates and their properties, as well as R^2, adjusted R2 or model fit. CLO 3: identify and address common econometric problems such as heteroscedasticity, multicollinearity, autocorrelation, and specification errors. CLO 4: to analyze distributed lag models and apply master causality tests to effectively assess casual relationships in econometric models.		
Credits	Theory	Practical	Total
	3	1	4
Teaching Hours Per Week	3	2	5
Internal Assessment Marks	20	10	30
End Term Exam Marks	50	20	70
Max Marks	70	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Introduction to Econometrics** Definition, Scope and Methodology of Econometrics, Types of Data; Time Series data Cross Section Data and Panel Data. Probability distributions - normal and t-distribution; Simple Linear Regression Model; OLS Estimates and Their Properties. Functional forms of Regression Models, Growth Rate	12
II	**Multiple Regression Analysis** General Linear regression Model, Maximum Likelihood Estimates and their properties. R^2; and adjusted R^2; Significance Testing of Parameters in Multiple Regression analysis.	11
III	**Econometric Problems** Nature, Test, Consequences and remedial steps of problem of Heteroscedasticity, Multicollinearity, and Autocorrelation, Types of Specification Errors, Errors of Measurement	11
IV	**Distributed Lag Models and Causality Tests** Auto Regressive and Distributed lag Models- Koyak Model, Partial Adjust Model, Adaptive Expectations; Almon Approach to distributed-lag model; Causality tests; Granger and Sim's Test	11

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	Learning of Practicals 1. Estimation of equation by OLS method 2. Computation of Growth Rates by OLS 3. Testing of Significance of OLS Parameters-I 4. Testing of Significance of OLS Parameters-2 5. Testing of Significance of overall equation 6. Detection & Removal of Heteroscedasticity-I 7. Detection & Removal of Heteroscedasticity-2 8. Detection & Removal of Multicollinearity-I 9. Detection & Removal of Multicollinearity-2 10. Detection & Removal of Autocorrelation-I 11. Detection & Removal of Autocorrelation-2 12. Estimation of ARDL Models-I 13. Estimation of ARDL Models-2 14. Estimation of ARDL Models-3 15. Estimation of ARDL Models-4	30

Total Contact Hours	75

Suggested Evaluation Methods

Internal Assessment:30		**End Term Examination:70**	
➢ **Theory:**	**20**	➢ **Theory:**	**50**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	5		
➢ Mid-Term Exam:	10		
➢ Practical	10	➢ **Practical**	**20**
➢ Class Participation:	5	Lab record, Viva-voice, write-up and execution of the Practical	
➢ Seminar/presentation/assignment/quiz/class test etc:	5		
➢ Mid-Term Exam	-		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Amemiya, T. (1985). Advanced Econometrics. Harvard University Press, Cambridge, Mass
- Baltagi, B.H. (1988). Econometrics. Springer, New York
- Goldberger, A.S. (1998. introduction Econometrics. Oxford University Press, New York.
- Gujarati, D.N. (1995). Basic Econometrics. McGraw Hill, New Delhi.
- Intrilligator, M.D. (1978). Econometric Methods, Techniques and Applications. Prentice Hall Englewood Cliffs New Jersey.
- Johnston J. (1991). Econometric Methods. McGraw Hall Book Co. London.
- Kmenta J. (1998). Elements of Econometrics. University of Michigan Press, New York.
- Koutsoyiannis, A. (1977). Theory of Econometrics. The Macmillan Press Ltd. London.
- Maddala G.S. (Ed.) (1993). Econometric Methods and application. Aldershot U.K.
- Madnani, G.M.K. (2004). Introduction to Econometrics: Principles and Applications. Oxford & IBH Publishing Co. Pvt. Ltd. New Delhi.
- Pindyck R.S. & Rubinfield, D.L. (1976). Econometric Models and Economic Forecasts. McGraw Hill Kogakush

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	Agricultural Economics		
Course Code	ECO-304		
Course Type	DEC-3		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Understand how farmers allocate resources, manage risk, and respond to market forces. CLO2: Explore how different approaches can improve farming practices, create jobs, and boost food production. CLO 3: Understand, analyze the present concepts of agricultural production functions and factor-product relationships using the tools of micro economics and diversification in agriculture CLO 4: To learn various issue in Indian Agriculture		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Introduction to Agriculture Economics** Agricultural Economics – Definition, Nature and Scope; Role of agriculture in Economics development, Resource Management in Agriculture, input output relationship, farm organization, Risk and Uncertainty in Agriculture, Instability in agriculture. Supply and Demand Behaviour in Agriculture. SELF STUDY CONTENTS (not relevant for exams): land Reforms.	15
II	**Theories of Agricultural Development:** Schulz's Transformation of Traditional, Agriculture; Mellor's Model of Agricultural Development; Boserup Model of Agriculture Development; Ranis- Fei Model of Agriculture Development; Todaro's model of rural urban migration and unemployment; Hayami-Ruttan Induced Innovation Hypothesis. SELF STUDY CONTENTS (not relevant for exams): Lewis theory of unlimited supply of labour.	15
III	**Agriculture Production and Its Diversification** Agricultural Production- Stock and Flow Resources, Production Relationships, Resource use and efficiency; Production Functions analyse in agriculture; Factor Relationships — Iso-quant and Iso-cost Line, Optimum Combination; Product Relationships Joint Products Competitive Products, Supplementary Products and Antagonistic Products; Diversification of agricultural Production — Horticulture and Floriculture, Mushroom Cultivation and Processing of Agricultural Products.	15

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IV	**Issues in Indian Agriculture** Indian Agriculture: Features, Problems and Trends; Agricultural Productivity in India Causes of low productivity and suggestion to increase productivity in India; Agricultural finance; Rural credit; Energy use in agriculture Agricultural Price Policy; origin objectives, need, instruments, shortcomings and suggestions for Re-orientation of Agricultural Price Policy in India; Agriculture Marketing in India: Agriculture Development and Five-Year Plans.	15
	Total Contact Hours	60

Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory:**	30	➢ **Theory:**	70
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Black, J.D. (1945). Introduction to Economics of Agriculture, MacMillan, New York.
- Cohen, R.L. (1948). Economics of Agriculture, Nishet, London.
- Dantwala, M.L, et al. (1991). Indian Agricultural Development since Independence, Oxford and IBH, New Delhi.
- Drummond H. Evan and Goodwin W. John (2006). Agricultural Economics, Pearson Education, New Delhi.
- Eicher Carl and Lawrence Witt (Eds.) (1964). Agriculture in Economic Development, New York, McGraw Hill Co.
- Forster, G.W. and Leoger, M.C. (1959). Elements of Agricultural Economics, Prentice Hall.
- Goodwin, H.G. (1977). Economics of Agriculture, Reston Publishing Co. Halcrow.
- Heady, E.O (1964). Economics of Agriculture Production and Resources, Frentice Hall of India Pvt. Ltd., New Delhi.
- Soni, R.N. (2015). 12th ed. Leading Issue in Agriculture Economics, Vishal Publication.
- Vaidyanathan, A. (1994). Performance of Indian Agriculture since Independence, Oxford University Press.
- Bilgrami, S.A.R. (1996). Agricultural Economics, Himalaya Publishing House, Delhi.
- Lekhi, R.K. and Singh, J. (2010. Agricultural Economics, Kalyani Publishers, New Delhi.

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Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	Financial Economics		
Course Code	ECO-305		
Course Type	DEC-3		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Understand, apply and solve the time value of money problems and its applications in investment evaluation criteria. CLO 2: Understand and compute various costs of capital and design an optimal capital structure. CLO 3: Understand theoretically how dividend decisions are taken in corporate sector and design a dividend policy for a firm. CLO 4: Understand the management of working capital and it components, and solve problems in relation thereto		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Capital Budgeting** Time Value of Money; Goals of Finance; Economics of capital Budgeting - Investment criteria, Estimation of project Cash Flows, Risk Analysis in Capital Budgeting, Computation of Cost of Capital.	15
II	**Capital Structure and Firm Value** Economics of Capital Structure and Firm Value - Net Income Approach, Net Operating income Approach, Modigliani and Miller Approach; Analysis of Optimal Capital structure BIT & EPS Analysis, ROI & ROE Analysis, Operating and Financial Leverage.	15
III	**Dividends and Working Capital** Economics of Dividends- Walter Model, Gordon Model, Modigliani and Miller Model Economics of Working Capital- Estimation of Working Capital, Financing of working Capital Cost-Volume-Profit Analysis	15
IV	**Cash, Receivables and Inventory** Economics of Cash — Cash Budgeting and its Simulation, Optimal Cash balance, Baumol Model, Miller and Orr Model; Economics of Receivables; Economics of Inventory — EOQ Model, Pricing of Raw materials, Monitoring and Control of Inventories.	15
Total Contact Hours		**60**

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Suggested Evaluation Methods				
Internal Assessment:30		**End Term Examination:70**		
➢ **Theory:**	**30**	➢ **Theory:**	**70**	
➢ Class Participation:	5	Written Examination		
➢ Seminar/presentation/assignment/quiz/class test etc:	10			
➢ Mid-Term Exam:	15			

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Berk, Jonathan, and DeMarzo, Peter (2007), Corporate Finance, Pearson International.
- Brealey, R.A., Myers, S.C. and Allen, F. (2003), Principles of Corporate Finance, 7th Ed, McGraw-Hill.
- Brittain, J.A. (1978). Corporate Dividend Policy. Brookings Institution, USA.
- Chandra, Prasanna (2011). Financial Management: Theory and Practice. Tata McGraw Hill
- Copeland, T., Weston, F., and Shastri, K. (2004), Financial Theory and Corporate Policy, 4th Ed., New York: Addison Wesley.
- Harold Bierman, Jr. & Smidt, Seymour (2007). The Capital Budgeting Decision: Economic Analysis of Investment Projects Routledge
- Kent Baker, H. & and Martin, Gerald S. (2011). Capital Structure and Corporate Financing Decisions. Wiley Publishers
- Mehta, D. R. (1974). Working Capital Management. Prentice- Hall.
- Ross, Stephen, Westerfield, Randolph, Jaffe, Jaffrey (February 2002), Corporate Finance, 6th Ed., McGraw-Hill Companies.
- Van Horne, J.C. (2002). Financial Management and Policy. Pearson Education.

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Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	Industrial Economics		
Course Code	ECO-306		
Course Type	DEC-4		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Learn the scope and breadth of industrial economics and able to use the tools of economic analysis and the classical theory of markets in the analysis of organizations. CLO2: Comprehend, compare and present the theories of industrialization and location along with their technical applications. CLO 3: Understand market structure-conduct-performance and appreciate the concept of sellers' concentration along with its measurement using adequate techniques. CLO 4: Understand, compare and analyse various product pricing methods along with their merits and limitations.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Industrial Organization and Theories of the Firm**; Meaning and scope of industrial economics; Industrial organization and ownership structure — public, private, joint and co-operative sectors; Objectives of the firm; Theories of the firm: Managerial Theories, Coasian firm and transaction cost approach, Strategic and knowledge-based theories SELF STUDY CONTENTS (not relevant for exams):	15
II	**Theories of Industrialization and Industrial Location** Theories of Industrialization — Hoffman, Chenery and Gershenkron; Theories of industrial location — Weber, Sargent and August Losch theories, Hotelling's location model. Salop's location model; Factors affecting location; Balanced regional development of industries. SELF STUDY CONTENTS (not relevant for exams).	15
III	**Structure-Conduct-Performance Paradigm** The structural conduct performance approach; Relationships between structure, conduct & performance; Neo-classical developments of the SCP approach; Sellers concentration and its measurement: the concentration ratio, the Lorenz curve; Product differentiation's its sources and its implications, Entry conditions; Economies of Scale; Market structure and profitability; Market structure and innovation — Process and measurement. SELF STUDY CONTENTS (not relevant for exams)	15

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IV	**Methods of Product Pricing** Cost-oriented methods: Mark-up, cost-plus, Break-even, target return pricing; Market-oriented Methods: Going-rate pricing, Premium pricing, Discount pricing, Sealed-bid pricing; Peak-Load Pricing; Multi-Product Pricing; Predatory pricing; Pricing of a new product: Skimming and Penetration pricings; Non-Linear Pricing Practices: Price Discrimination	15
Total Contact Hours		**60**

Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory:**	**30**	➢ **Theory:**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- George J. Borjas,"Labour Economics" McGraw-Hill
- Lester, R.A (1964). Economics of Labour, (2nd Edition), Macmillan, New York.
- McConnell, Campbell R, Brue, Stanley L, Macpherson, David A, (2013), Contemporary Labor Economics Eleventh Edition, McGraw-Hill Education, 2 Penn Plaza, New York, NY 10121.
- Rees, A. (1973) Economics of Work and Pay, Harper and Row, New York.
- Sen, A.K. (1975), Employment, Technology, and Development, Oxford University Press, New Delhi.
- Singh, Chandra Kant (2019), Labour Economics, Deshraj& Sons, India.
- Solow, R.M. (1990) Labour Market as an Institution, Blackwell, London.
- Paroda, R. S. (2018), Reorienting Indian Agriculture: Challenges and Opportunities, CABI, Oxfordshire, UK
- Ray, P.K. (2013), Agricultural Insurance: Theory and Practice and Application to Developing Countries, Pergamon Press, Great Britain.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	Behavioural Economics		
Course Code	ECO-307		
Course Type	DEC-4		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Understand, communicate and solve applications of the behavioural decision theory and the theory of rational choice under certainty and uncertainty. CLO 2: Critically evaluate the preference models and understand the human behaviour under ambiguous situations. CLO 3: Demonstrate an understanding of time factor in behavioural models and explain/solve applications of biased preferences. CLO 4: Consider the role of emotions and cognition in Decision making.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		
Part B- Contents of the Course			

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Introduction to Behavioural Economics** What is Behavioural Economics, and where does it come from? Theoretical approaches to behavioural Economics, what does it mean to be rational? Preferences. choices, and utility. Menu dependence: choice overload, the decoy effect, and the compromise effect, Reference point phenomena: status quo bias, loss aversion, and the endowment effect.	15
II	**Behavioural Economics of Risk and Uncertainty** Risk vs. uncertainty, The standard models: objective and subjective expected utility theory, Challenges to EUT and SEU: Rabin's calibration argument, the Allais paradox, a Problem of SEU; the Ellsberg paradox, Prospect theory; Regret theory; Neoclassical and Behavioural models of Ambiguity.	15
III	**Social Preference and Fairness** Ultimatum and Dictator games, gift exchange and trust games, Public goods games, The Fehr-Schmidt model, The ERC model, Behavioural Political Economy, Fairness General Equilibrium and welfare, Human Virtues and Social identity, Emotions, Cognition and human behaviour.	15

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IV	**Decisions over Time** The standard model: exponentially discounted utility, Challenges to EDU: self-control, procrastination and preproperation, and demand for commitment, Sign and magnitude effects, attribute-based models, The reference time theory, Optimal Sin taxes, Neuroeconomics: introduction and techniques. Total Contact Hour	15

Total Contact Hours		**60**	
Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory**	**30**	➢ **Theory**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	**10**		
➢ Mid-Term Exam:	**15**		
Part C – Learning Resources			

Recommended Books/e-resources/LMS:

- Angner, Erik (2016). A Course in Behavioural Economics, Palgrave Macmillan.
- Dhami, Sanjit (2016). The Foundations of Behavioural Economic Analysis, Oxford University Press
- Fehr and Schmidt (2003). Theories of fairness and reciprocity: evidence and economic applications, Advances Economics and Econometrics.
- Barberis (2013). Thirty years of prospect theory in economics: a review and assessment, Journal of Economic Perspectives. 2009
- Camerer and Loewenstein (2004). Behavioural economics: past, present, future, Chapter 1 of [6].
- Dellavigna (2009). Psychological and Economics: evidence from the field, Journal of Economic Literature.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	Economics of Entrepreneurship		
Course Code	ECO-308		
Course Type	DEC-5		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1. Students will be able to critically assess the economic returns and motivations associated with entrepreneurship and self-employment. CLO 2. Learners will demonstrate an understanding of the key characteristics that differentiate successful entrepreneurs from non-entrepreneurs. CLO 3. Students will analyze the impact of entrepreneurial families and networks on entrepreneurial success. CLO 4. Learners will evaluate the role of entrepreneurship in shaping industry dynamics and the business cycle.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	The Economics of Entrepreneurship; Entrepreneurship and Organizational Design; The Returns to Entrepreneurship: Who Becomes an Entrepreneur? Entrepreneurial Entry: Transition from Paid Work to Entrepreneurship; Types	15

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	of Entrepreneurship: Productive, Unproductive, and Destructive.	
II	Assessing the Financial Returns to Self-Employment; Understanding the Private Equity Premium Puzzle in Entrepreneurial Investment; Non-Pecuniary Motivations for Entrepreneurship; Entrepreneurship as a Luxury Good; The Connection Between Entrepreneurship and Happiness.	15
III	Key Traits of Entrepreneurs; Differences Between Entrepreneurs and Non-Entrepreneurs; The Impact of Entrepreneurial Parents on Their Children; Network Externalities in Entrepreneurship; Innovation in Small Firms: Theoretical Insights and Evidence.	15
IV	The Role of Entrepreneurs After a Firm is Established; Defining a Firm: Entry, Exit, Growth, and Innovation; Entrepreneurship and Industry Dynamics; Competition in Concentrated Markets; The Relationship Between Entrepreneurship and the Business Cycle.	15
Total Contact Hours		**60**

Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory**	**30**	➢ **Theory**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- "The Innovator's Dilemma" by Clayton M. Christensen - Explores how successful companies can do everything right and still lose their market leadership.
- "Entrepreneurship: Theory, Process, and Practice" by Cathy A. Theoharakis and L. Eugene Harrison - Provides an overview of entrepreneurship theories and practices.
- "The Lean Startup" by Eric Ries - Introduces a new approach to business that's being adopted around the world.
- "Start with Why: How Great Leaders Inspire Everyone to Take Action" by Simon Sinek - Discusses the importance of purpose in entrepreneurship and leadership
- "The E-Myth Revisited" by Michael E. Gerber - Debunks common myths about starting and running a business.
- "Good to Great: Why Some Companies Make the Leap... and Others Don't" by Jim Collins - Examines what it takes for companies to transition from mediocrity to excellence.
- "Thinking, Fast and Slow" by Daniel Kahneman - Offers insights on how we think and

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make decisions, relevant for entrepreneurial strategy.

- "Chasing the Squirrel: Why Entrepreneurship Is Today's Best Job" by Michael A. Dyer - Discusses the modern landscape of entrepreneurship and the characteristics necessary for success.
- "The Hard Thing About Hard Things" by Ben Horowitz - Offers advice on building and running a start-up.
- "Drive: The Surprising Truth About What Motivates Us" by Daniel H. Pink - Explores the intrinsic motivations that can fuel entrepreneurial success.
- "The $100 Startup" by Chris Guillebeau - Highlights stories of people who have built successful businesses from modest investments.
- "Zero to One: Notes on Startups, or How to Build the Future" by Peter Thiel - Discusses innovation and building startups that create new products.
- "The 7 Habits of Highly Effective People" by Stephen R. Covey - Provides a framework for personal and professional effectiveness relevant to entrepreneurs.
- "Influence: The Psychology of Persuasion" by Robert B. Cialdini - Analyzes why people say "yes" and how to apply these understandings in entrepreneurship.
- "Reinventing Organizations" by Frederic Laloux - Explores innovative structures in organizations that can foster entrepreneurial initiatives.
- "Creativity, Inc.: Overcoming the Unseen Forces That Stand in the Way of True Inspiration" by Ed Catmull - Shares insights from Pixar on innovation and creativity.
- "The Art of the Start 2.0" by Guy Kawasaki - A practical guide to starting a new business, covering everything from funding to branding.
- "Entrepreneurial Small Business" by Jerome Katz and Richard Green - Examines the dynamics of small businesses and their importance in the economy.
- "Business Model Generation" by Alexander Osterwalder& Yves Pigneur - Offers tools and concepts for developing business models.
- "The Entrepreneur's Guide to Sewn Product Manufacturing" by Kathleen Fasanella - A practical resource that covers essential manufacturing aspects for aspiring entrepreneurs in the textiles industry.

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Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Third		
Name of the Course	EnvironmentalEconomies		
Course Code	ECO-309		
Course Type	DEC-5		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO1: Understandthedynamicsofeconomy-Environmentinteraction. CLO2: Analyze environmentalchallenges and solutions. CLO3:ExaminePolicyinstrumentsforenvironmental Management. CLO4:Understandthelimitstogrowthandsustainability.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Introduction:** Thenaturalenvironmentandthehumaneconomy-Theneoclassical economicperspectiveand theecological perspective,theMaterialBalance Model, Trade-offs-Economicversusenvironmentalquality,TheEconomicProcessandtheAssimilative Capacityof theNaturalEnvironment,TheOptimalLevel ofPollution.	15
II	**LimitstoGrowthandSustainability Debate:**Economic growthand theenvironment-the environmental Kuznetscurve; Economics of sustainability, concept of sustainab1‹ development; indicators of sustainability; Various approaches to environmentalaccountingThe neoclassicalandecological*economics*approachtosustainability;Green*accounting*and alternativeindicatorsofsustainability.	15
III	**PolicyInstruments:**Theeconomictheoryofpollutioncontrol-Theoptimallevelof pollution; Economicsolutionstoenvironmentalproblems-Pollutiontaxes, Environmental subsidies,DepositandRefundsystems,Pollutionpermittradingsystems; Conventionalsolutions to environmentalprob1ems-Command-and•Control approach; Economic appraiseofenvironmentalprojects-Cost-BenefitAnalysis	15

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<table>
<tr><td>IV</td><td colspan="3">FundamentalsofEnvironmentalResourcesendEnvironmentalProblems: Climate change-ecological impacts,SternReview,Theeconomicsofglobalwarmingandpolicy implications;Theeconomicsrationaleforbiodiversityconservation,Biophysicallimitstogrowth-MalthusianandtheNeoclassicalperspective;Externalitiesinconsumptionand production, Public goods, The anatomyofmarket failure,Institutional arrangements addressingmarketfailure,Theabsenceofpropertyrightsandthe CoaseTheorem.</td><td>15</td></tr>
<tr><td colspan="4">Total Contact Hours</td><td>60</td></tr>
<tr><td colspan="5" align="center">Suggested Evaluation Methods</td></tr>
<tr><td colspan="2" align="center">Internal Assessment:30</td><td colspan="3" align="center">End Term Examination:70</td></tr>
<tr><td>➢ Theory:</td><td>30</td><td colspan="2">➢ Theory:</td><td>70</td></tr>
<tr><td>➢ Class Participation:</td><td>5</td><td colspan="3" rowspan="3">Written Examination</td></tr>
<tr><td>➢ Seminar/presentation/assignment/quiz/ class test etc:</td><td>10</td></tr>
<tr><td>➢ Mid-Term Exam:</td><td>15</td></tr>
<tr><td colspan="5" align="center">Part C – Learning Resources</td></tr>
<tr><td colspan="5">Recommended Books/e-resources /LMS:
• Baumol, W. J.&Wallace,E.O.,TheTheoryofEnvironmental Policy.PrenticeHall,NewJersey.
• Bhattacharya.Rabindra N(cd.),EnvironmentalEconomies-AnIndianPerspective,OxfordUniversityPressNew Delhi.
• Eugene,T,EnvironmentalEconomies,VrindaPublishers,NewDelhi.
• Hanley, Nick; Shorgen,JasonF.&Whitt,Ben: EnvironmentalEconomies-InTheory&Policy,MacmillanNew Delhi.
• Hussen,AhoiadM,PrinciplesofEnvironmentalEconomics,Routledge,London
• Khingan,ML.&Sharma,C.K.,EnvironmentalEconomies-Theory,Management&Policy,Vrin&Publishers, New Delhi.
• Karpagam,M,EnvironmentalEconomies,SterlingPublishers,NewDelhiKolead,
• CharlesD.,EnvironmentalEconomies, OxfordUniversityPress,New Delhi.</td></tr>
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Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Third		
Name of the Course	Introduction to GST		
Course Code	ECO-310		
Course Type	EEC		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO l: Understand the basics of GST (goods and services tax) along with its forms, significance, and machinery. CLO 2: Elucidate and analyse the fundamental concepts involved in the levy and collection of GST and compute GST. CLO 3: Appreciate the mechanism of input Tax Credit (ITC) as a tool for preventing cascading of taxes. CLO 4: Explain the procedures and special provisions under GST and become well-informed taxpayer in the society.		
Credits	Theory	Tutorial	Total
	2	0	2
Teaching Hours Per Week	2	0	2
Internal Assessment Marks	15	0	15
End Term Exam Marks	35	0	35
Max Marks	50	0	50
Examination Time	3 Hours		
Part B- Contents of the Course			

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Preliminary Topics in GST** Concept, Rationale, and Historical background of GST; Forms of GST in India: SGST, CGST, UTGST, and IGST; Machinery under GST: GST Council, GST Network, State Compensation Mechanism, Registration, and GST Suvidha Providers (GSP). SELF STL'DY CONTENTS (not relevant for exams) Basic knowledge of detect and indirect taxes.	7.5
II	**Levy and Collection of GST** Rates of GST; Taxable event - Supply of Goods and Services; Place and Time of Supply; Valuation rules for GSTI Exemption from GST: Small Supplies and Composition Scheme; Classification of Goods and Services: Composite and Mixed Supplies. SELF STUDY CONTENTS (not relevant for exams): Division of powers among various levels of government regarding tax imposition; Tax revenue collection and revenue sharing among various levels of government in India.	7.5
III	**Theory of Input Tex Credit (ITC)** Eligible and Ineligible ITC; Apportionments of Credit and Blocked Credits: Tax	7.5

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	Credit in respect of Capital Goods; Recovery of Excess Tax Credit; Transfer of Input Credit; Doctrine of Unjust Enrichment; TDS and TCS; Reverse Charge Mechanism; Job work. SELF STUDY CONTENTS (not relevant for exams): Nil	
IV	**Procedures, and Special Provisions Under GST** Procedures: Tax Invoice, Credit and Debit Notes, Returns, Audit in GST; Assessment Self-Assessment, Summary and Scrutiny. Special Provisions: Taxability of E-Commerce, Anti-Profiteering, Avoidance of dual control. E-way bills, Zero-rated supply, Offences and Penalties. SELF STUDY CONTENTS (not relevant for exams) Nil	7.5

Total Contact Hours		30	
Suggested Evaluation Methods			
Internal Assessment: 15		**End Term Examination: 35**	
➢ **Theory**	**15**	**Theory**	**35**
➢ Class Participation:	4	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	4		
➢ Mid-Term Exam:	7		
Part C: Learning Resources			

Recommended Books/e-resources/LMS:

- Garg, R., & Garg, S. (2021). Handbook of GST: Procedure, commentary and rales. Bloomsbury Publishing, New Delhi.
- Gupta, S.S. (2017). GST: How to meet your obligations. Taxmann Publications.
- Mehrotra, H.C, & Agarwal, V.P. (2020). Goods and Services tax. Sahitya Bhawan Publications, Agra.
- Mishra, S.K. (2018). Simplified approach to GSL Educreation Publishing, New Delhi.
- Sin 2023 GST practice manual. taxmann Publications

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Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Indian Economic Policy		
Course Code	ECO-401		
Course Type	CC-11		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO1:Understandtheperformanceofthe Indianeconomysinceindependence. CLO2:Tocomprehendthe performanceandpoliciesfor differentsectors oftheIndian economy. CLO3:ExplorethecompositionofIndianfinancialsystem,includingthecentralbank,commercial banks,moneyandcapitalmarkets, fiscalpolicy,andpublic debt. CLO4: Grasp India's international economic engagements through trade investment,andforeignexchangemanagement.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**CharacteristicsoftheIndianEconomy** characteristics ofIndianEconomyontheeveofindependence,DevelopmentStrategiesinIndia planninginIndia:ObjectivesStrategiesand Evaluation,TrendandStructure ofNationalIncome since1951,NewEconomicPolicy1991,PerformanceofIndianEconomy inpostreform era. behaviourof saving and investment in recent years, Infrastructure bottlenecks in Indian economy. Impactof institutionalfactorsondevelopmentof IndianEconomy.	15

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II	**StructureoftheIndianEconomy** Agriculture:Growth, ProductivityTrendsand Crop Patterns,Green Revolution,RecentIssuesinIndianAgricultureTrendsinitsdiversification,RuralCredit&Marketing,I n d u s t r a i l Developmentduringpost-independencePeriod.SmallScaleandconageindustries,I n d u s t r i a l Policy,PublicsectorinIndia,DisinvestmentProgrammeinIndia,LabourrelationandS o c i a l security, GrowthandContributionofServicessectorinIndia.Serviceled Growth.	**15**
III	**Money,BankingandFinance** PricetrendsandInflation,IndianFinancialSystem:ReserveBankof India, Commercialbanking inIndia,MoneyMarket,CapitalMarketinIndia,institutionalFinancing,CenterStatefinance relations; recentfinancecommission,Taxrevenueofcentralandstategovernment;evaluationofIndiantaxstructure;goodsandservicetaxinIndia,PublicExpenditureinIndia;trendsandissue,PublicDebt inIndia.	**15**
IV	**ForeignTradeAndForeignCapital** India'sForeignTrade;Value,CompositionandDirection,India'sBalanceofPayments,Exim policy, Foreign Capital and Aid, India's Exchange Rate Policy,Management of Foreign Exchange Reserve,Multinationalcorporation,FERAandFEMA,WorldTrade OrganizationandIndia.	**15**
Total Contact Hours		**60**

Suggested Evaluation Methods

Internal Assessment:30		**End Term Examination:70**	
➢ **Theory:**	**30**	➢ **Theory:**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/ assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

Recommened Books/e-resources/LMS:

- Banerjee,A.&Singh,S.K.(2001).BankingandFinancialSectorReformsinIndia,Deep&DeepPublications,NewDelhi.
- Bhagwati,Jagdish(2004).InDefenseofGlobalization.OxfordUniversityPress,NewDelhi.
- Bhandari,Surendra(1998).WTOandDevelopingCountries,Deep&DeepPublications,NewDelhi.
- Biswas.P.K.&Das,P.(Eds.). (2019).IndianEconomy:ReformsandDevelopment,Springer.
- Datt, G.&Mahajan,A. (2020).Datt&Sundharam'sIndianEconomy,S.ChandPublishingHouse.
- Desai,Vasant(2005).IndianFinancialSystemandFinancialMarketOperations,HimalayaPublishingHouse,NewDelhi.
- Dhar,P.K.(2020).IndianEconomy:ItsGrowingDimensions.KalyaniPublishers,NewDelhi
- Dwivedi,RishiMuni(2011).EnergySourcesandPoliciesinIndia.NewCenturyPublication,NewDelhi.
- HanumanthaRao,C.H.,Bhattacharya,B.B.andSiddharthan,N.(Eds.).(2005).IndianEconomyandSocietyinEraoGlobalizationandLiberalization. Academic Foundation,NewDelhi.
- Kapila,Uma(2014-2015).IndianEconomysinceindependence,AcademicFoundation,NewDelhi.
- Mahajan,MadhurM.(2019).Indianeconomy.PearsonEducation.NewDelhi.
- Mathur,Vibha(2005).WTOandIndia(DevelopmentAgendaforthe21stcentury),NewCenturyPublications,NewDelhi.
- Meier, GeraldM.(1987).PioneersinDevelopment.OxfordUniversityPress,NewDelhi.
- MinistryofFinance(2024).EconomicSurvey.GovernmentofIndia.
- Mishra,S.K.&Purr,V.K.(2020).Indian Economy.HimalayaPublishingHouse.New Delhi

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Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Public Economics		
Course Code	ECO-402		
Course Type	CC-12		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLOI:Explaintheconceptofefficiencyalongwithvarious solutionsof market failure and interpretthe welfare distributionaspects in context ofpublic goods besides grasping the preferencerevelationmechanisms. CLO2: Apply economic perspectives on activities of the government sector to become well-informed and engaged participants(citizens, voters, politicians and/or civil servants) insociety. CLO3:Drawtheeconomicimplicationsofvarioustaxesalong withtheirpositive aswellasnormativeanalysis. and thusbecomeable todesignanefficientand equitabletaxationsystem. CLO4:Analyzethetheoriesoffiscalfederalism.publicdebt,andpricinginpublic enterprises, and solve theconcerned policy issues.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**The Public Economy and Public Goods** Exchange Economy, Production Economy and Efficiency; Asymmetric Information and market Failure; Externalities and their Internalization; Rent Seeking Costs and political Process; Efficient Provision of Public Goods; Private provision of Pure Public goods; Samuelson Model; Clarke Mechanism; Lindahl-Wicksell	15

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	Mechanism; Theory of Club Goods. SELF STUDY CONTENTS (not relevant for exams) Concepts of Demand curve, Supply curve, Indifference curve, Isoquant curve, Pro possibility curve, Budget or price line, Isocost line, and their slopes; Idea of marginal and marginal cost.	
II	**Public Choice** Rational Voter Hypothesis; Characteristics of Majority Voting Rule; Bowen-Black model; Buchanan and Tullock Model; Arrow's Impossibility Theorem; Downs Model on Demand And Supply of Government Policy; Models of Bureaucratic Behavior: Niskanen Model, Tullock Model; Voting and the Leviathan Hypothesis. SELF STUDY CONTENTS (not relevant for exams): Basic knowledge of rational consumer behavior.	**15**
III	**Public Revenue** Incentive Effects of Taxation on Labour Supply, Savings, and Risk Taking; Tax incidence — Partial and General Equilibrium Analysis; Excess Burden of Tax and its measurement; Efficiency and Equity Principles of Taxation; Optimal Commodity tax:The Ramsey Rule, The Corlett and Hague Rule; Optimal Income Tax. SELF STUDY CONTENTS (not relevant for exams): Meaning and types of taxes; Partial equilibrium vs. general equilibrium; Idea of consumer surplus.	**15**
IV	**Fiscal Federalism, Public Debt, and Public Enterprises** Fiscal Federalism: Tiebout Model, Theory of Intergovernmental Grants, Centre-State fiscal relations in India - Theory and Practice; Public Debt: Burden Controversy, debt sustainability; Public Enterprises: Ramsey-Boiteux Linear pricing, Marginal co ricing,	**15**

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	Peak load pricing, Theory of Second Best, Social Cost Benefit Analysis. SELF STUDY CONTENTS (not relevant for exams): Concepts and forms of public debt and public enterprises; Idea of federal set-up of government.	

Total Contact Hours		**60**	
Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory:**		➢ **Theory:**	**70**
➢ Class Participation:		Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:			
➢ Mid-Term Exam:			

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Akerlof, G. (1970). The market for 'Lemons': Quality uncertainty and the market mechanism. Quarterly Journal ofEconomics, 84(3), 488-500.
- Bagchi, Amaresh (2005). Readings in public finance. Oxford University Press.
- Bergstrom, T., Blume, L., & Varian, H. (1986). On the Private Provision of Public Goods. Journal ofPublic Economics, 29, 25-49.
- Boadway, Robin (1984). Public sector economics. Cambridge, Winthrop Publications.
- Bowen, H.R. (1943). The interpretation of voting in the allocation of economic resources. The Quarterly Journal of Economics, 58(1), 27-48.
- Buchanan, J., &Tullock, G. (1962). The calculus of consent. Ann Arbor Paperbacks.
- Clarke, E.H. (1971). Multipart Pricing of Public Goods. Public Choice, I I, Rand McNally.
- Coase, R. (1960). The problem of social cost. Journal of Law and Economics, 3, I -44.
- Cullis, J., & Jones, P. (2009). Public finance and public choice: Analytical Perspectives. Oxford University Press.
- Den Doel, Hans Van, &Velthoven, Ben Van (1993). Democracy and welfare economics. Cambridge University Press.
- Downs, Anthony (1957). An economic theory of democracy. Harper & Row Publishers, New York.
- Foley, D.K. (1970). Lindahl's solution and the core of an economy with public goods. Econometrica, 38(1) 66-72.
- Hackelman, J.C. (2004). Readings in public choice economics. University of Michigan Press.
- Hindricks, J., & Myles, G.D. (2013). Intermediate public economics. The MIT Press.
- Ihori, Toshihiro (2016). Principles microfinance. Springer.
- Jha, Raghbendra (1998). Modern public economics. Routledge.
- Lipsey, R.G., & Lancaster, K. (1956). The general theory of second best. Review ofEconomic Studies, 24, 11- 32.
- McNutt, P.A. (2002). The economics of public choice. Edward Elgar.
- Mirrlees J. (1971). An Exploration in the Theory of Optimum Income Taxation. Review ofEconomic Studies38(2), 175-208.
- Niskanen, W. A. (1971). Bureaucracy and representative government. Aldine-Atherton, Chicago.
- Rosen, H. S., & Gayer, T. (2014). Publicfinance. McGraw Hill.

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- Samuelson, P. A. (1954). The pure theory of public expenditure. Review of Economics and Statistics, 36(4) 387-389.
- Samuelson, P. A. (1955). Diagrammatic exposition of a theory of public expenditure. Review of Economic and Statistics, 37(4), 350-356.
- Tiebout, C.M. 1956 . A pure theory of local expenditures. Journal of Public Economics, 64, 416-424.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	Fourth		
Name of the Course	Rural Economics		
Course Code	ECO-403		
Course Type	DEC-6		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:			
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Agricultural prices:** Price behaviour; cobweb cycle; public distribution system; terms of trade, agriculture price policy.	15
II	**Rural Industrialisation:** Concept and scope, Government policy, KVIC, Mini–industrial estates. Industrial cooperatives. TRYSEM.	15
III	**Economic and social infrastructure:** Transport & Communications, power, education, drinking water, health, Sanitation and rural housing, social forestry and environment.	15
IV	Strategies of rural development in plans. Poverty alleviation programmes.	15
Total Contact Hours		**60**

Suggested Evaluation Methods

Internal Assessment:30		End Term Examination:70	
➢ **Theory:**	**30**	➢ **Theory:**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

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Recommended Books/e-resources/LMS:

1. Aziz, Sartaj : Rural Development Learning from China.
2. Hirschman,A,O. : The Strategy of Economic Development.
3. Singh, Radha Raman : Studies in Regional Planning and Rural Development.
4. Shah, S.M., Whitby, M.C. D.L.J. : Rural Development, Planning and Reforms.
5. Robins, A.N. Tensery, K.G.Wills. : Rural Resources Development .
6. Nangundappa, D.M. : Area Planning and Rural Development.
7. Arora, R.C : Integrated Rural Development.
8. Raghava Rao, D.V. : Panchayats and Rural Development.
9. D.S. Tyagi : Public Distribution in India.
10. Sukhpal Singh : Contract Farming and the State: Experience of Thailand and India, Kalpaz Publications, 2006.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Economics of Health and Education		
Course Code	ECO-404		
Course Type	DEC-6		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO l: Understand microeconomics foundations of education and health. CLO 2: Examine issues related to market failure and public intervention's rationale in education and health. CLO 3: Evaluate the equity and efficiency of education and healthcare systems. CLO 4: Examine issues related to market failure. Public intervention's rationale, and equity and inequality in healthcare.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Introduction to Health Economics** -The state and scope of health economics Human capital and health; Health as a Social indicator; Health and Economic Development: Inter-linkage, Determinants of health; Poverty, Malnutrition Environmental quality: Change of health status over time; Components of eco appraisal of health programmes.	15
II	**Microeconomics Foundations and Market Dynamics in Health Economics** Microeconomics Foundations of Health Economics: Demand for health; uncertainty and health insurance market; alternative insurance mechanisms; market failure and rationale for public intervention; equity and inequality. Supply of health and healthcare services. Relevance of production function, issues and Challenges of healthcare production; Factors affecting the supply of healthcare services; Public-Private Dichotomy in Providing Healthcare Services.	15
III	**Economics of Education:** Introduction to Economics of Education; The basic economic perspective on education; Rate of return to education: private and social; quality of education: Concepts of the production function in economics - inputs, outputs, input substitution, diminishing marginal returns, approaches to allocation of scarce resources in the production of education.	15

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IV	**Human Capital:** Human capital theory and the demand for education, the signaling model of schooling and wages, economists' measure of private returns to schooling and difficulties in measurement. Importance in poverty alleviation; health and Education outcomes and their relationship with macroeconomic performance.	15
	Total Contact Hours	**60**

Suggested Evaluation Methods

Internal Assessment:30		**End Term Examination:70**	
➢ **Theory**	**30**	➢ **Theory**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Anthony J. Cuyler and Joseph P.(ed), Handbook of Health Economics, Newhouse. 2000, North Holland, Elsevier Science.
- Clewer, Ann, and David Perkins, Economics for Health Care Management, 1998, London: Prentice Hall.
- Follan4 Sherman, Allen Goodman, and Miron Stano, The Economics of Health and Health Care, 2001. New] York: Macmillan, Third Edition.
- Rice, Thomas, The Economics of Health Reconsidered, ,1998, Chicago: Health Administration Press.
- Sherman Folland, Allen C. Goodman, and Miron Stano, The Economics of Health and Health Care, 2004,4th Edition, Prentice Hall.
- Santerre and Neun, Health Economics: Theories, Insights, and Industry Studies, 2004, Thomson/South Western.
- Feldstein, P. J., Health Care Economics, 1979, John Wiley & Sons, New York.
- Folland, Goodman & Stano. The Economic of Health and Health Care, t997, Prentice Hall, New Jersey.
- Musgrove P, Public and Private Roles in Health: Theory and Financing Patterns, Discussion Paper No. 319, 1996, World Bank, Washington DC.
- Becker G.S., Human Capital: A theoretical and empirical analysis with special reference to education, 1964, Columbia University Press, NY.
- Belfield, C. R., Economic Principles for Education: Theory and Evidence,2000, Edrvard Elgar Publishing Inc.
- Brewer, D. J. and Patrick J. McEwan, Economics of Education, 201 0, Elsevier.
- Johnes, G. and J. Johnes, international Handbook on the Economics of Education, 2004, Edward Elgar Publishing Ltd. Cheltenham, UK.
- Ladd, Helen F. and Margaret Goertz (eds.), Handbook of Research in Education Finance and Policy, 2nd edition, 2015, New York: Taylor & Francis.
- William, Jack, Principles of Health Economics for Developing Countries, 1999, World Bank Institute Development Studies.
- World Development Report, investing in Health, 1993, The World Bank. o
- Ronald G., Ehrenberg and Robert S., Smith, Modern Labor Economics: Theory and Public Policy,2005, Addison Wesley.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Labour Economics		
Course Code	ECO-405		
Course Type	DEC-7		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:			
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	Concept of labour, characteristics of labour, labour markets – definition and characteristics, theories of labour. Market – Classical, Neo–classical and Dualistic labour markets. Structured and unstructured market, Internal and external labour market, Features and characteristics of Indian labour market.	15
II	**Industrial Relations:** Trade Unions, objectives and functions. Indian Trade Unions. Growth and problems. Industrial displutes, Indsutrial disputes in India, Dispute sedttlement machinery in India.	15
III	Wages; Concepts of minimum, living and fair wage, Wage, productivity and inflation relationship, Wage policy in India – Minimum Wages Act and Payment of Wages Act.	15
IV	**Social Security:** Definition and scope, Social security measures in India, Problems of child labour in India, Women labour and their problems. Major recommendations of Second National Commission on labour, Labour market reforms.	15
Total Contact Hours		60

Suggested Evaluation Methods

Internal Assessment:30		End Term Examination:70	
➢ **Theory:**	30	➢ **Theory:**	70
➢ Class Participation:	5	Written Examination	

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➤ Seminar/presentation/assignment/quiz/class test etc:	10	
➤ Mid-Term Exam:	15	

Part C – Learning Resources

Recommended Books/e-resources/LMS:

1. Dobb, Maurice : Wages
2. Dunlop, J. T.(ed.) : Industrial Relations System
3. ________ : Wage Determination under Trade Unionism.
4. Giri, V.V. : Labour Problems in Indian Industry.
5. Mitra, A. : Share of Wages in National Income.
6. Papola, T.S. : Principles of Wage Determination.
7. Rama Swami E.A, : Industry and Labour. Rama Swami Uma.
8. Reynolds, L.G. : Labour Economics and Labour Relations.
9. Rothchild: Theory of wages.
10. Saxena, S.R.and : Labour Problems and Social Welfare Saxena, R.C.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Time Series Econometrics		
Course Code	ECO-406		
Course Type	DEC-7		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO I: Understand time series data characteristics. components trend and seasonality. and basic analysis methods CLO 2: learn the importance of stationarity. conduct Dickey-Fuller and KPSS tests. CLO 3: Master AR, MA, ARMA. and ARIMA models. including seasonal variations. CLO 4: Gain proficiency in VAR models. cointegration. error correction models, and panel data methods. CLO 5: Demonstrate the ability to solve the problems mentioned in PLO I-4 through software.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	**Time Series Basics and Components** Introduction to time series data: characteristics, types, and examples. Time Series Components: Trend, seasonality, cyclical variations, and irregular fluctuations. Time series plots and visualizations. Basic Concepts in Time Series Analysis: Stationarity, autocorrelation, and white noise. Time Series Decomposition Methods: Moving averages, exponential smoothing, and trend Estimation techniques. Self-Study Contents (not relevant for exams): Descriptive Statistics for Time Series: Measures of central tendency, dispersion, and visualization techniques.	**15**
II	**Stationarity and Testing** Stationarity and its importance in time series analysis. trend vs difference stationery process, Random Walk Model, Dickey-Fuller and augmented Dickey-	**15**

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	Fuller tests, KPSS Test, Phillips-Perron (PP) Test, Elliot, Rothenberg, and Stock (ERS) Test spurious regression and co-integration of timeseries, Engle-Granger test, CRDW test, error, correction mechanism (ECM)	
III	**Univariate Time Series Models** Autoregressive (AR) Models: Definition, properties, and estimation methods. Moving Average (MA) Models: Characteristics, invertibility, and estimation techniques. Autoregressive Moving Average (ARMA) Models: Combination of AR and MA models, stationarity conditions, and model identification. Autoregressive Integrated Moving Average (ARIMA) Models: integration of differencing, AR and MA components, Box-Jenkins methodology for model identification, estimation, and diagnostics. Seasonal ARIMA (SARIMA) Models: Extension of ARIMA models to include seasonal components. Self-Study Contents: (not relevant for exams): Basic statistical inference techniques such as hypothesis testing and confidence intervals, Lag structures in regression models.	15
IV	**Advanced Time Series Models** Vector Autoregressive (VAR) models: VAR model specification, estimation, impulse response analysis. and forecasting. Cointegration and Error Correction Models (ECM), Testing for cointegration. Granger causality, Conditional Heteroscedastic Models (ARCH, GARCH) Introduction to Panel data method: problems with panel data, Pooled OLS, Random effects and fixed effects methods	15

Total Contact Hours		60	
Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory**	**30**	**Theory**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		
Part C: Learning Resources			

Recommended Books/e-resources/LMS:

- Brockwell, P. J., & Davis, R. A. (2016). Introduction to time series and forecasting (3rd ed.). Springer Science & Business Media. . . . . .
- Gujarati, D.N. (1995). Basic Econometrics. McGraw Hill, New Delhi.
- Hamilton, J. D. (1994). Time series analysis. Princeton University Press.
- Hyndman. R. J., & Athanasopoulos, G. (2018). Forecasting: principles and practice (2nd ed.).
- Lutkepohl, H. (2005). Handbook of econometrics (Vol. 6, pp. 3560-3828). Elsevier.
- Stock, J. H. & Watson, M. W. (2018). Introduction to econometrics (4th ed.). Pearson Education Limited. o
- Wei, W. W. S. (2006). Introductory time series analysis with R. Springer Science & Business Media.
- Wooldridge, J. M. (2010). Econometric analysis of cross section and panel data (2nd ed.). MIT press.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Economics of Innovation		
Course Code	ECO-407		
Course Type	DEC-8		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1. Students will be able to critically analyze different theories of innovation and their implications for economic growth. CLO 2. Students will demonstrate proficiency in measuring and evaluating various indicators of innovation and technology. CLO 3. Students will understand the dynamics of national innovation systems and their contribution to international competitiveness. CLO 4. Students will explore the principles of open innovation and assess the impact of digital platforms on business models.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours
I	Introduction to Innovation and Economic Theory; Overview of Innovation in economic thought; Innovation and Economic Growth; Demand pull vs. technology push debate; Adoption and diffusion of technologies; Innovation and Inequality	15

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II	Measurement of Innovation; Supply of Inventors and Measurement Techniques - Technological Innovation and Taxonomies - Role of Intellectual Property Rights; Indicators of Science Technology & Innovation; Immigration and Innovation;	15
III	Innovation, economic growth and structural change; Long waves and techno-economic paradigms; National innovation systems; Innovation and international competitiveness	15
IV	Network externalities and the consumer as innovator; Open innovation and co-creation in Industry 5.0; Innovation in the digital era and new business models	15

Total Contact Hours		**60**	
Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory**	**30**	**Theory**	**70**
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		
Part C: Learning Resources			

Recommended Books/e-resources/LMS:

- Schumpeter, J. A. (1934).The Theory of Economic Development: An Inquiry into Profits, Capital, Credit, Interest, and the Business Cycle. Harvard University Press.
- Freeman, C. (1987).Technology Policy and Economic Performance: Lessons from Japan. Pinter Publishers.
- Rosenberg, N. (1994).Exploring the Black Box: Technology, Economics, and History. Cambridge University Press.
- Nelson, R. R., &Winter, S. G. (1982).An Evolutionary Theory of Economic Change. Harvard University Press.
- Dosi, G. (1988).The Nature of the Innovative Process. In: Technical Change and Economic Theory. Pinter Publishers.
- Mowery, D. C., & Rosenberg, N. (1993). The US National Innovation System: Coordinating the Generation, Use, and Diffusion of Technology. In: The Handbook of Technology and Innovation Management. Wiley.

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- Tidd, J., & Bessant, J. (2018).Managing Innovation: Integrating Technological, Market and Organizational Change. Wiley.
- Chesbrough, H. (2003).Open Innovation: The New Imperative for Creating and Profiting from Technology. Harvard Business Press.
- Porter, M. E. (1990).The Competitive Advantage of Nations. Free Press.
- WIPO (World Intellectual Property Organization). (2020).World Intellectual Property Report: Intellectual Property and Innovation in the Digital Age. WIPO.
- Kline, S. J., & Rosenberg, N. (1986).An Overview of Innovation. In: The Technology Life Cycle.
- Baldwin, C. Y., & Clark, K. B. (2000).Design Rules: The Power of Modularity.MIT Press.
- Bourdieu, P. (1986).The Forms of Capital. In: Handbook of Theory and Research for the Sociology of Education.
- Peters, T. J., & Waterman, R. H. (1982).In Search of Excellence: Lessons from America's Best-Run Companies.Harper & Row.
- Rogers, E. M. (2003).Diffusion of Innovations. Free Press.
- Galison, P. (1997).Image and Logic: A Material Culture of Microphysics.University of Chicago Press.
- Audretsch, D. B., & Thurik, A. R. (2001).What is New about the New Economy? In: The Emerging Digital Economy.
- Mokyr, J. (1990). The Lever of Riches: Technological Creativity and Economic Progress.Oxford University Press.
- Katz, J. S., & Martin, B. R. (1997).What is Research Collaboration? Research Policy, 26(1), 1-18.
- Manzano, M. (2016).Innovation and Structural Change in the Global Economy. In: The Future of Innovation in the Global Economy.Springer.

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A Economics		
Semester	Fourth		
Name of the Course	Social Entrepreneurship and Economic Development		
Course Code	ECO-408		
Course Type	DEC-8		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1. Define and explain the key concepts and terminology associated with social entrepreneurship and economic development. CLO 2. Analyze the effectiveness of various social enterprise models in addressing specific social issues and assess their impact on economic development in different contexts. CLO 3. Demonstrate the ability to create and present a viable business plan for a social enterprise, integrating aspects of marketing, financial sustainability, and social impact measurement. CLO 4. Critically evaluate ethical considerations and global challenges in social entrepreneurship, fostering an understanding of how to navigate these complexities in real-world scenarios.		
Credits	Theory	Tutorial	Total
	4	0	4
Teaching Hours Per Week	4	0	4
Internal Assessment Marks	30	0	30
End Term Exam Marks	70	0	70
Max Marks	100	0	100
Examination Time	3 Hours		

Part B- Contents of the Course

Instruction for Paper-Setter: The examiner will set 9 questions asking two questions from each unit and one compulsory question by taking course learning outcomes (CLOs) into consideration. The compulsory question (Question No. 1) will consist at least 4 parts covering entire syllabus. The examinee will be required to attempt 5 questions, selecting one question from each unit and the compulsory question. All question will carry equal marks.

Unit	Topics	Contact Hours

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I	**Introduction to Social Entrepreneurship:** Understanding social entrepreneurship; Difference between social entrepreneurship and traditional entrepreneurship; Evolution of social entrepreneurship; Key Theories and Models; Theories of change; Social enterprise models	15
II	**Economic Development Fundamentals:** Definition and importance of economic development; Indicators of economic development; Role of Social Entrepreneurship in Economic Development; How social enterprises contribute to economic growth; The intersection of social issues and economic development- Global Perspectives; Social entrepreneurship in developed vs. developing countries; Impact of globalization on social enterprises	15
III	**Tools and Strategies for Social Entrepreneurs:** Business Planning for Social Enterprises- Creating a business model canvas for social ventures; Financial planning and sustainability- Marketing and Social Impact Measurement; - Strategies for marketing social ventures; Tools for measuring social impact-Legal and Ethical Considerations; Understanding the legal structures for social enterprises-Ethical implications of social entrepreneurship	15
IV	**Case Studies and Practical Applications:** Successful Case Studies of Social Enterprises-Analysis of successful social enterprises around the world; Lessons learned from failures; Group projects on creating social business plans; Experiential learning through site visits to local social enterprises; Engagement with community-based projects	15

Total Contact Hours		60	
Suggested Evaluation Methods			
Internal Assessment:30		**End Term Examination:70**	
➢ **Theory**	30	**Theory**	70
➢ Class Participation:	5	Written Examination	
➢ Seminar/presentation/assignment/quiz/class test etc:	10		
➢ Mid-Term Exam:	15		
Part C: Learning Resources			

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Recommended Books/e-resources/LMS:

- Bornstein, D. (2004). How to Change the World: Social Entrepreneurs and the Power of New Ideas.
- 2Osterwalder, A., &Pigneur, Y. (2010). Business Model Generation: A Handbook for Visionaries, Game Changers, and Challengers.
- Dees, J. G. (1998). "The Meaning of Social Entrepreneurship." Duke University: Center for the Advancement of Social Entrepreneurship.
- Yunus, M. (2007). Creating a World Without Poverty: Social Business and the Future of Capitalism.
- Emerson, J., &Twersky, F. (Eds.). (2012). Strategic Climate Change Communications: A Transformative Framework.
- Leadbeater, C. (1997). The Independents: Britain's New Radical Entrepreneurs.
- Martin, R. L., &Osberg, S. (2007). "Social Entrepreneurship: The Case for Definition." Stanford Social Innovation Review.
- Kerlin, J. A. (2006). Social Enterprise: A Global Perspective.
- Nicholls, A. (Ed.). (2006). Social Entrepreneurship: New Models of Sustainable Social Change.
- Bloom, P., & Dees, J. G. (2008). "Cultivate Your Ecosystem." Stanford Social Innovation Review.

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