CHAUDHARY BANSI LAL UNIVERSITY, BHIWANI

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

Scheme of the Programme

for

Post Graduate Programme

IN

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 COMMERCEAND MANAGEMENT

CHAUDHARY BANSI LAL UNIVERSITY, BHIWANI-127021

HARYANA, INDIA

11/07/25

Chairperson
Department of Economics
Chaudhary Bansi Lal University
BHIWANI

Chaudhary Bansi Lal University
Scheme of Examination for Postgraduate Programme in Economics (M.A)
as per NEP 2020 Curriculum and Credit Framework for
Postgraduate Programmes (CBCS LOCF) with effect from the session
2025-26

Semester	Course Type	Course Code	Nomenclature of course	Theory (T)/ Practical (P)	Credits	Credits Total	Contact hours/ week L: Lecture	T: Tutorial	P: Practical	Total	Internal Assessment Marks	End Term Examination Marks	Total Marks	Examination hours
1	CC-1	ECO-101	Micro-Economic Analysis-I	T	4	22	4	0	0	4	30	70	100	3
	CC-2	ECO-102	Macro-Economic Analysis-I	T	4		4	0	0	4	30	70	100	3
	CC-3	ECO-103	Statistics for Economics	T+P	3+1		3	0	2	5	T 20, P 10	T 50, P 20	100	3
	CC-4	ECO-104	Economics of Growth and Development-I	T	4		4	0	0	4	30	70	100	3
	DEC-1(Any One)	ECO-105	Data Analytics-I	T+P	3+1		3	0	2	5	T 20, P 10	T 50, P 20	100	3
		ECO-106	Methodology of Economics	T	4		4	0	0	4	30	70	100	3
		ECO-107	Indian Economic Thought-I	T	4		4	0	0	4	30	70	100	3
	SEMINAR	ECO-108	Minor Project with Seminar		2		0	0	0	2	0	50	50 (Viva-Voce External Examiner)	

1. Note- For theory class(L), 1 credit=1hr. for practical class(P), 1 credit=2hr.
2. Note – For practical classes (lab work, it skills in economics), the student shall be divided in to groups with maximum 30 students in one

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Micro- Economic Analysis-I		
Course Code	ECO-101		
Course Type	CC-1		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO I. Know the scope and breadth of Micro Economics along with understanding the core principles of demand and supply so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyse economic problems. CLO 2. Understand the core principles of production and costs so that they are able to apply the understanding of these concepts to comprehend real world problems along with the ability to think critically and analyse economic problems. CLO 3. Analyse given situations in a variety of markets on a microeconomic level. Understand the internal structure and assumptions of the different analytical frameworks of market conditions, their explanatory power and limitations. CLO 4. Learn and apply relevant optimization techniques for analysis of microeconomic behaviour of consumer, producer and firm. Simultaneously will be able to understand the implications and ethical as well as value part of it.		
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	**Theory of Demand and Consumer Behaviour** Indifference curve approach -Price, Income and Substitution effects (Hicks and Slutsky); and its applications (The leisure-income trade-off, Evaluation of alternative government policies, IC and theory of exchange); Revealed Preference Theory; The Consumer's Surplus (Hicks) and its applications; Elasticity of demand (empirical estimation) and Elasticity of Supply; Revision of Demand theory by Hicks; Linear Expenditure System.	**15**
II	**Theory of Production and Costs** Production function (properties of Cobb Douglas and CES); Laws of production (variable proportions and returns to scale with the help of iso-quants); Technical Progress and production function; Equilibrium of the single product firm; Theories of costs and various cost curves (Short run as well as long run)— traditional and modern. Analysis of economies of scale	**15**
III	**Markets and Equilibrium** Perfect competition — Short- and long-term equilibrium of •the firm and industry; Dynamic changes and industry equilibrium; Monopoly — short run and long run equilibrium; Price discrimination; Monopolistic competition - Chamberlin's approach to equilibrium of the firm.	**15**
IV	**Non-Collusive Models** Cournot; Bertrand; Stackelberg; Chamberlin; Kinked-demand curve. **Collusive Models** Cartels (Joint profit maximization and market sharing); Price leadership models (Low cost firm, Dominant firm and Barometric price leader).	**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:

- Koulsoyiannis, A. (1979). *Modern Microeconomics (2nd Edition),* Macmillan Press, London.
- Varian, H. (2003), *Intermediate Microeconomics,* East-West Press.
- Pindyck R. & Rubinfeld, D. (2018), *Microeconomics (9th Edition),* Pearson.
- Salvatore, D. (2009), *Microeconomics-Theory and Applications, Oxford* University Press.
- Baumol, W.I, (1982), *Economic Theory and Operations Analysis,* Prentice Hall of India, New Delhi.
- Green, H.A.G. (1971), *Consumer Theory,* Penguin, Harmondsworth.
- Henderson & Quandt (1980), *Microeconomic Theory: A Mathematical Approach.* McGraw Hill, New Delhi.
- Da Costa, G.C. (1980), *Production, Prices and Distribution,* Tata McGraw Hill, New

Delhi.

- Healthfields and Wibe (1987). *An Introduction to Cost and Production Functions,* Macmillan, London.
- Hirshleifer, J. & Glazer, A. (1997), *Price Theory and Applications,* Prentice Hall of India, New Delhi.
- Archibald, G.C. (Ed.) (1971), *Theory of the Firm,* Penguin, Harmondsworth.

Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Macro-Economic Analysis-I		
Course Code	ECO-102		
Course Type	CC-2		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Understand classical & Keynesian theories of output and employment analyse their differences, and assess their role in economic fluctuations. CLO 2: Explaining the behaviour of macroeconomic variables by identifying and understanding the extended model. CLO 3: Analyse output, price, and employment under flexible prices in ISM. Explore effects of wages, interest rates, and policy on equilibrium. CLO 4: To understand the theories of consumption and investment and their relevance		
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	**Theory of Output and Employment Determination** Classical Approach — Output and Employment in Classical Theory; The Quantity Theory of Money and the Price Level; Classical Model without saving and investment; Classical Model with saving and investment; Keynesian Approach - Two Sector Model, Three Sector Model and Four Sector Model. **SELF STUDY CONTENTS (not relevant for exams):** Nature and scope of macro Economics, importance of macroeconomics, circular flow of income in two three and four sectors of economy	**15**
II	**Theory of Output and Employment Determination** The Extended Model under Fixed Price Level — The Goods Market and The Money Market; IS-LM framework and Equilibrium in Goods Market and Money Market; Effect of Changes in Government spending, Taxation and Aggregate Demand on General Equilibrium. **SELF STUDY CONTENTS (not relevant for exams):** Nature and Scope of Good Market and one Market, Money supply Process, the supply of and demand for money ' and rate of interest.	**15**
III	**Theory of Output and Employment Determination** The Extended Model under Variable Price Level — Derivation of Aggregate Demand Curve and determination of equilibrium price and output levels; Wage-price flexibility and the Full employment equilibrium; Interest rate effect and Pigou Effect; Monetary — Fiscal policy analysis in IS-LM Model. **SELF STUDY CONTENTS (not relevant for exams)** Rationale of Monetary policy, Fiscal policy, Inflation, interest rate and its effect on economy.	**15**
IV	**Theories of consumption and Investment** The Absolute Income Hypothesis; The Relative Income Hypothesis; The Permanent Income Theory of Consumption; The Life cycle theory of consumption. The Marginal Efficiency of Capital Approach; The accelerator theory; Profits Theory; Jorgenson' Neoclassical Model; Adjustment costs and q theory. **SELF STUDY CONTENTS (not relevant for exams):** consumer behaviour: Macro Analysis, cyclical and Secular Consumption Behaviour. Basic working of multiplier	**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: • Froyen, R. T. (2014). *Macroeconomics, theories and policies* (10th ed). India: Pearson Education. • D'Souza, E. (2012). *Macroeconomics (2nd ed.).* India: Pearson Education. • Gupta, G.S. (2017). *Macroeconomics: Theory and applications (4th ed.).* India: McGraw Hill Education. • Shapiro, E: *Macro-economic Analysis (5th ed.).* New Delhi: Galgotia Publications. • Dornbusch, R., Fischer, S., & Startz, R. (2018). *Macroeconomics (12th ed.).* India: McGraw-Hill Education. • Mankiw, N. G. (2019). *Macroeconomics.* United Kingdom: Macmillan Learning

Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Statistics for Economists		
Course Code	ECO-103		
Course Type	CC-3		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Analyze various data types and sampling techniques proficiently. CLO 2: Estimate parameters accurately and construct confidence intervals effectively. CLO 3: Conduct hypothesis tests confidently using parametric methods and understand the Nyman -Pearson Lemma. CLO 4: Choose and apply appropriate nonparametric tests based on data characteristics with confidence. CLO5: Demonstrate the ability to solve the problems mention in CLO1-4 through software		
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	30	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	**Understanding Data and Sampling Techniques** Types of data and statistical analysis procedures: univariate, bivariate and multivariate (only overview); Census and Sampling, Basic concepts of sampling, Techniques of Sampling: Probability and Non- Probability Sampling. Errors Associated with Sampling: Sampling an on- Sampling Errors; Types and potential causes. Sample Size, Approaches to Sample size determination: Precision Rate and confidence interval elf Study Contents (not relevant for exams): Measures of central tendency, dispersion, correlation and Regression Analysis.	11
II	**Estimation Methods and Interval Estimation** Estimation: Concept of an estimator and its sampling distribution, Desirable properties of a good point estimator. Point Estimation Methods: Least Squares Estimation LSE), Maximum Likelihood Estimation (MLE), Method of Moments (MOM). Interval Estimation: Confidence Intervals; Factors affecting the width of confidence intervals. elf Study Contents (not relevant for exams): Regression Analysis, Probability theory and Probability distributions	12
III	**Hypothesis Testing and Parametric Tests** Introduction to Hypothesis Testing: Basic Concepts, Null and Alternative Hypotheses, Type I and Type II Errors, Significance Level and P-Values, Critical Regions, Steps involved in Hypothesis testing, Nyman-Pearson Lemma. Common parametric Tests: Z-test, t-test, F-test and ANOVA	11
IV	**Nonparametric Tests** Introduction to non-parametric tests and their advantages. Common Non-Parametric Tests: hi Square test, Mann-Whitney U test, Wilcoxon signed-rank test, Kruskal-Wallis test, Friedman Test and Kendall's Tau Test. Choosing between parametric and non- parametric tests based on data characteristics.	11
V	**Practicals:** 1.Student will prepare a practical file containing 4 practicals from each unit. 2.Practical may be done using the software chosen by the teacher. 3.The external examiner shall take the written exam followed by viva voce. 4.Syllabus contains all the contents mentioned in the four units.	30
Total Contact Hours		75

<table>
<tr><th colspan="4">Suggested Evaluation Methods</th></tr>
<tr><th colspan="2">Internal Assessment:30</th><th colspan="2">End Term Examination:70</th></tr>
<tr><td>➢ Theory:</td><td>30</td><td>➢ Theory:</td><td>50</td></tr>
<tr><td>➢ Class Participation:</td><td>5</td><td colspan="2" rowspan="3">Written Examination</td></tr>
<tr><td>➢ Seminar/presentation/assignment/quiz/class test etc:</td><td>5</td></tr>
<tr><td>➢ Mid-Term Exam:</td><td>10</td></tr>
<tr><td>Practical</td><td>10</td><td>Practical</td><td>20</td></tr>
<tr><td>• Class Participation:</td><td>5</td><td colspan="2">Lab record (Internal)
Viva-voce (External Examinar)</td></tr>
</table>

• Seminar/Demonstration//Viva-Voce/ Lab record etc.	5	
• Mid-Term Exam	-	

Part C – Learning Resources

Recommended Books/e-resources/LMS:

- Anderson, David R., Sweeney, Dennis J. & Williams, Thomas A. (2014). Essentials of Statistics for Business and Economics. South-Western Cengage Learning, USA.
- Barrow, M. (2017). Statistics for Economics, Accounting and Business Studies. Pearson Education.
- Casella, G., & Berger, R. L. (2002). Statistical inference (2nd ed.). Duxbury Press.
- Croxton, F. E., Cowden. D. & Kliein, S. (1951). Applied General Statistics. Prentice Hall, New Delhi.
- Cumming, G. (2009). The new statistics: Why and how. Psychology Press.
- Denis. Daniel J. (2018). SPSS Data Analysis for Univariate, Bivariate, and Multivariate Statistics. John Wiley & Sons Inc., USA.
- Hair, I. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2019). Multivariate data analysis (8th ed.). Pearson Education.
- Hair, J. F. Black, W. C., Babin, B. J., & Anderson, R. E. (2019). Multivariate data analysis (8th ed.). Pearson Education Limited.
- Hamilton, J. D. (1994). Time series analysis. Princeton University Press.
- Karmal, P.H. & Polasek. M. (1978). Applied Statistics for Economists. Pitman, Australia.
- Lehmann, E. L., & Romano, J. P. (2005). Testing statistical hypotheses (3rd ed.). Springer Science & Business Media.
- Levine, D. M., Stephan. D. G., & Krehbiel, T. C. (2014). Statistics for social data analysis (3th ed.). Pearson Education.
- McLachlan, G. & Peel. D. (2000). Finite mixture models. Wiley.
- Mittelhammer, R. C. (2012). Mathematical Statistics for Economics and Business. Springer-Verlag New York, Inc.
- Montgomery, D. C., & Runger, D. C. (2010). Applied statistics and probability for engineers and scientists (5th ed.). Wiley.
- Naghshpour, S. (2012). Statistics for Economics. Business Expert *Press.*
- Shao, J. (2003). Mathematical statistics (2nd ed.). Springer Science Business Media.
- Sharma, J.K. (2012). Business Statistics. Dorling Kindersley (India) Pvt. Ltd., New Delhi
- Sharma, J.K. (2012). Business Statistics. Dorling Kindersley (India) Pvt. Ltd., New Delhi.
- Speigal, M. R. (1972). Theory and Problems of Statistics. McGraw Hill Book, London

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Economics of Growth and Development-I		
Course Code	ECO-104		
Course Type	CC-4		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO1: To distinguish between the concepts of growth and development CLO2: To understand aggregate models of growth and cross-national comparisons of the growth experience that can help evaluate these models. CLO3: To identify the development issues in developing and developed nations. CLO4: To identify the basic requirements for economic development of underdeveloped and developing countries. CLO5: To analyse sectoral performance of Indian economy in respect to its development. CLO6: To understand the importance of planning and planning models for the economic development		
Credits	Theory	Practical	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

<u>**Instruction for Paper-Setter:**</u> 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	**Meaning and measurement of Economic Development** Meaning and measurement of economic development; economic growth and development, economic development and welfare, meaning of economic under development, characteristic of under developed economies, vicious circle of poverty; measurement of development; conventional, human development index, and quality of life indices, concept of sustainable development.	**15**

II	**Models of Development** The big push theory, critical minimum effort thesis, stages of economic growth, concept of take off into self-sustained growth, balanced versus unbalanced growth, balanced growth, unbalanced growth, Malthus Theory of population, factors in economic development, theories of development: Lewis model, Renis-Fei model.	15
III	**Growth Models** Neo-classical model of economic growth; short run versus long run, three determinant of growth, basic growth equation, conditions for steady state growth, stability of steady state growth, sources of growth, technical progress and neutrality of technical change.	15
IV	**Development and Planning** Economic development and planning models: meaning of economic planning, planning versus price mechanism, main elements of plan and plan models; Harod-Domar model, Mahalanobis model and development plans in India	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:

- Todaro, M.P. and Smith, S.C., *'Economic Development', Latest* edition, Pearson publication.
- Thirawall, A., '*Growth and Development*', *Latest* edition, Macmillan Publication.
- Ray, D., (1998), '*Development Economics*', Princeton University Press.
- Bardhan, P. and C. Udry, (1999), *'Development Microeconomics*', Oxford University Press.
- Agenor, P.R., and P. J. Montiel, (2008), *'Development Macroeconomics*', Princeton University Press.
- Agarwala, A. N., & Singh, S. P. (Eds.). (1963). Economics of underdevelopment: A series of articles
  and papers. London: Oxford University Press.
- Sen, A. (1999). Development as freedom. New Delhi: Oxford University Press

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Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Data Analytics-I		
Course Code	ECO-105		
Course Type	DEC-1		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CL0 1: Understand, apply and solve the problems on revenue, profits, utility and linear programming. CLO 2: Understand and compute break even, LP, sensitivity analysis and assignment problems. CLO 3: Understand and solve linear and non-linear optimization problems. CL0 4: Understand and solve path analysis and inventory problems CL0 5: Demonstrate the ability to solve the problems mentioned CLO 1-4 through software		
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	30	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	1. Computation of revenue and profits using excel. Given the quantity, demand function, cost function etc., compute profits or losses. Also generate a data series. 2. Creation of various charts using economic variables. Solving single and multiple system of equations through excel solver 3. Profit maximization and Utility maximization using solver 4. Linear programming problem using solver **SELF STUDY CONTENTS (not relevant for exams):** Excel functions	**11**

II	5. Break even analysis in excel 6. Sensitivity analysis using solver 7. LPP applications in- marketing and finance 8. Assignment and shortest path problem in solver **SELF STUDY CONTENTS (not relevant for exams):** Excel functions	**11**
III	9. Generating Frequency Table, Bar Chart, Pie Chart, Histogram, Arithmetic Mean, Median, Standard Deviation and Range, Contingency Table, Chi-square, and Cramer's V, Pearson's r, and Spearman's rho, Scatter Diagrams 10. Construction of Frequency, Calculation of Central Tendencies and Measures of Dispersion 11. Estimation Correlation Coefficient, Zero Correlation Matrix, Part and Partial Correlation 12. Estimation of Simple Regression. **SELF STUDY CONTENTS (not relevant for exams):** Excel functions	**12**
IV	13. Project scheduling- PERT and CPM 14. Inventory models 15. Economic production lot size model 16. Multi-period Order-Quantity, Reorder Point Model with Probabilistic Demand. **SELF STUDY CONTENTS (not relevant for exams):** Excel functions	**11**
V	**Practicals:** 1.Student will prepare a practical file containing 4 practicals from each unit. 2.Practical may be done using the software chosen by the teacher. 3.The external examiner shall take the written exam followed by viva voce. 4.Syllabus contains all the contents mentioned in the four units.	**30**
Total Contact Hours		**75**

Suggested Evaluation Methods

Internal Assessment:30		**End Term Examination:70**	
➢ **Theory:**	**30**	➢ **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 (Internal) Viva-voce (External Examinar)	
• Seminar/Demonstration//Viva-Voce/ Lab record etc.	5		
• Mid-Term Exam	-		

Part C – Learning Resources
Recommended Books/e-resources/LMS: • Gary Koop: Analysis of economic data, John Wiley & Sons, 2005 • Thomas Cleff: Applied Statistics and Multivariate Data Analysis for Business and Economics: A Modern Approach Using SPSS, Stata, and Excel, Springer • Kurt Jechlitschka, Dieter Kirschke and Gerald Schwarz: Microeconomics using Excel: Integrating economic theory policy analysis and spreadsheet modelling, Routledge • Humberto Barreto: Intermediate Microeconomics with Microsoft Excel, Cambridge University Press • Vikas Singla: Operations Research Using Excel, Taylor and Francis

Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Methodology of Economics		
Course Code	ECO-106		
Course Type	DEC-1		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: To understand the nature of science and scientific method CLO 2: To understand the economics discipline as social science and the role of assumptions in economics. CLO3: To understand the hypothetico-deductive model Falsificationism and Rational Reconstructions of economics. CLO 4: To understand the normative character of economics and Defense positivism.		
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	Science- Different Branches of Science; Evolution of Scientific Approach in Social Science Need for Interdisciplinary Approach; Objectivity and Subjectivity in Social	**15**

	Science; Lim Objectivity in Social Science	
II	Economics as a Social Science; Subject matter and Scope of Economics; Positive and Normative Economics; Economic Theory and Economic Laws; Micro and Macro Economics; Role of Assumptions in Economics; Method and Methodology- Deductive and Inductive; Economic Models	**15**
III	The hypothetico-deductive model; The symmetry thesis; Falsificationism; Problem of Induction and the Duhem-Quine thesis; Descriptive methodology-Rational Reconstructions of economies: Lakatos, Laudan; Rational-cum-relativist reconstructions Kuhn, Feyerabend	**15**
IV	Normative character of economics- J. Robinson, Myrdal, and Streeten; Defense positivism: Robbins, Lipsey, and Friedman; Marxist critique: Fine, Meeks, and Dobb; Orthodox and Heterodox Economics	**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:

- Blaug, M., The Methodology of Economics or How Economists Explain, Cambridge Surveys of Economic Literature
- Backhouse R. (ed.), Explorations in Economic Methodology: From Lakatos to Empirical Philosophy of Science, Routledge
- Backhouse R., Hausman, D., Mäki, U., Salanti, A. (eds.), Economics and Methodology, Crossing Boundaries, Palgrave McMillan
- Backhouse R. (ed.), New Directions in Methodology, Routledge
- Dow, S.C. Economic Methodology: An Inquiry, Oxford University Press, latest edition Journal of Economic Methodology

Session 2025-26	
Part A- Introduction	
Name of Programme	M.A. Economics
Semester	First
Name of the Course	Indian Economic Thought-I
Course Code	ECO-107
Course Type	DEC-1
Course Learning Outcomes (CLO)	CLO 1: Articulate the historical development of

After completing this course, the learner will be able to:	economic thought in India. CLO 2: Critically evaluate the contributions of major Indian economic thinkers and apply the principles of Indian economic thought to contemporary economic 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

<u>Instruction for Paper-Setter:</u> 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	**Ancient and Classical Indian Economic Thought: Kautilya's Arthashastra**: State control over resources, Industries and Market, Types of Taxation, Resource Management, Trade and Commerce, Wealth creation through agriculture, industry and Public Finance, Importance of skilled Labor and Development of Human Capital.	**15**
II	Environment and Development.	**15**
III	**Thiruvalluvar's Economic Ideas**: Insights of Governance, wealth Creation, Poverty, Agriculture and Trade, Ethical Governance and Sustainable Wealth.	**15**
IV	**Manu's insight on** Governance, wealth creation, Lending, Interest and Ethics in Economic Transaction.	**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: • B.N. Ganguli (1977), Indian Economic Thought: A Nineteenth Century Perspective, TMH, Delhi. • Eric Roll (1923), A History of Economic Thought, Faber And Faber Ltd., London. • G.B. Seshari (1997), Economic Doctrines, B.R. Publishing Corporation, New Delhi. • Lewis H. Haney (1913), A History of Economic Thought, MacMillan Company, New York. • Charles Gide and Charles Rist (1923), A History of Economic Doctrines, George G. Harrap & Co. Ltd., London. • V. Shanmugasundaram (1981), Indian Economic Thought and Policy, S. Chand & Co., New Delhi. • B.N. Ghosh and R. Gho. H.L. Bhatia (1994), History of Economic Thought, Vikas Publishing House, New Delhi.

Session 2025-26			
Part A- Introduction			
Name of Programme	M.A. Economics		
Semester	First		
Name of the Course	Minor Project with Seminar		
Course Code	ECO-108		
Course Type	Minor Project with Seminar		
Course Learning Outcomes (CLO) After completing this course, the learner will be able to:	CLO 1: Prepare and present the given content to demonstrate the ability of effective communication CLO 2: To develop confidence to tackle queries and analytical ability		
Credits	Minor Project with Seminar		
	2		
Teaching Hours Per Week	2		
Max. Marks	50		
Internal Assessment Marks	0		
End Term Exam Marks	0		
Examination Time	1 Hours		
Part B- Contents of the Course			