

**Maa Vindhyavasini University, Mirzapur
(U.P.)**



**Four Year Undergraduate
Programme (Economics)
Department of Economics
Faculty of Social Science**

Dr. Arun

AS



माँ विश्ववासिनी विश्वविद्यालय, मीरजापुर

संकाय की बैठक दिनांक : का कार्यवृत्त

आज दिनांक 08/05/2026 को पूर्वाह्न/अपराह्न बजे

संकाय परिषद् की बैठक प्रो० डॉ. अशोक कुमार सिंह की अध्यक्षता में सम्पन्न हुई।

बैठक में निम्नलिखित सदस्य ऑनलाइन/ऑफलाइन उपस्थित हुए—

1. डॉ. महेन्द्र त्रिपाठी एसे० प्रोफेसर, काशी नरेश राजकीय स्नातकोत्तर महाविद्यालय, शारपुर
(M.Y.W.)
2. डॉ. प्रेमलता लाल, असि० प्रोफेसर, लालता सिंह राजकीय महिला महाविद्यालय, अदलहाट

3.

4.

5.

बैठक में निम्नलिखित निर्णय लिये गये—

1. FYUP, सत्र 2026-27 से लागू किया जाय।
2. चतुर्थ वर्ष का पाठ्यक्रम म.गों का विद्यापीठ वाराणसी के अनुसार होगा।

3.

4.

संयोजक

संकाय परिषद्



माँ विन्ध्यवासिनी विश्वविद्यालय, मीरजापुर

पाठ्य समिति की बैठक दिनांक : का कार्यवृत्त

आज दिनांक 08/05/26 को पूर्वाह्न/अपराह्न बजे अर्धशाला विषय
के पाठ्यक्रम समिति बैठक प्रो० डॉ. अशोक कुमार सिंह की अध्यक्षता में सम्पन्न हुई।
बैठक में निम्नलिखित सदस्य ऑनलाइन/ऑफलाइन उपस्थित हुए—

प्रो० (अ) अशोक कुमार सिंह, संयोजक.

1. डॉ. महेन्द्र त्रिपाठी, एसो० प्रोफेसर, काशी प्रदेश राजकीय स्वातंत्र्य महाविद्यालय, ज्ञानपुर
2. डॉ. प्रेमलता लाल अस्ति प्रोफेसर, लालता सिंह राजकीय महिला महाविद्यालय अदलसट

3.

4.

5.

बैठक में निम्नलिखित निर्णय लिये गये—

1. FYUP, स्तर 2026-27 से लागू किया जाय।
2. चतुर्थ वर्ष का पाठ्यक्रम प्र. गों. का. विद्यापीठ के अनुरूप होगा।

3. ~~अर्धशाला~~ अर्धशाला

4.


संयोजक

पाठ्यक्रम समिति

FYUP in Economics

The course is designed for the students pursuing graduation with Economics at graduation level in regular mode. The programme aims to inculcate economic thinking among the students in economic decision making by comprehending economic theory. It aims to develop analytical view point in the students about the economic behaviour of people. The objective is to nurture among student a view point of a socially responsible and ethical aware citizen. The under graduate programme will have 19 courses in 8 Semesters in 4 years. In the Fifth and the Sixth Semester 01 paper is given as optional. Also, there is one optional in Eight Semester. In the Forth Semester it is proposed to have Dissertation/Project keeping in the spirit of the New Education Policy 2020 to introduce research at the graduation level. The structure of syllabus is based on the template of UGC proposed for the CBCS for undergraduates in Economic (Regular).

Programme Specific Outcomes (PSOs)- Student after completing graduation will be able to learn-

PSO 1:	The behavioural patterns of different economic agents, advance theoretical issues and their applications.
PSO 2:	Understand the basic concept of microeconomics.
PSO 3:	Understanding basic concepts of Macroeconomics.
PSO 4:	Acquaint with some basic statistical methods to be applied in economics.
PSO 5:	Acquaint with some basic mathematical methods to be applied in economics.
PSO 6:	Acquaint with some basic theoretical concept of public finance.
PSO 7:	Acquaint with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives.
PSO 8:	Delineate the fiscal policies designed for developed and developing economics.
PSO 9:	Facilitate the historical developments in the economic thoughts propounded by different schools. To familiarise students with the contribution of Indian Economic Thinkers and the relevance of their contribution.
PSO 10:	Learn the basic concept of monetary analysis and financial marketing in Indian financial markets.
PSO 11:	Learn the development issues of Indian economy.
PSO 12:	Acquaint with some basic concept of environmental economics along with the solution of the environmental problems.
PSO 13:	Learn the real and monetary sides of International economics.
PSO 14:	Familiarise and acquaint with the characteristics of the economy of Uttar Pradesh.
PSO 15:	To familiarize the students about issues of ethics in economic thinking and practice.

List of all papers in all six semesters.

Semester-wise Titles of the Papers in BA (Economics)

Year	Sem.	Course Code	Paper Title	Theory/Practical	Credits
1	I	A080101T	Principle of Micro Economics	Theory	6
1	II	A080201T	Principles of Macro Economics	Theory	6
2	III	A080301T	History of Economic Thought	Theory	6
2	IV	A080401T	Money, Banking and Public Finance	Theory	6
2	IV	A080401R	Research Project	Project	3
3	V	A080501T	Environmental Economics, Economic Growth and Development	Theory	5
3	V	A080502T/ A080503T	Optional Paper (Any1) Elementary Statistics Or Demography	Theory	5
3	VI	A080601T	Indian Economy & Economy of Uttar Pradesh	Theory	5
3	VI	A080602T/ A080603T	Optional Paper (Any1) Ethics and Economics Or Elementary Mathematics	Theory	5

4	VII	MEC-101	Advanced Microeconomics-I	Theory	4	100 (75 for Written Examination and 25 for Continuous Internal Evaluation) in Each Course
4		MEC-102	Advanced Macroeconomics-I	Theory	4	
4		MEC-103	History of Economics Thought	Theory	4	
4		MEC-104	Research Methodology and Essential Statistics	Theory	4	
4		MEC-105	Indian Economic Policy	Theory	4	
4	VIII	MEC-201	Advanced Microeconomics-II	Theory	4	100 (75 for Written Examination and 25 for Continuous Internal Evaluation) in Each Course
4		MEC-202	Advanced Macroeconomics-II	Theory	4	
4		MEC-203	International Economics	Theory	4	
4		MEC-204	Agriculture Economics	Theory	4	
4		Optional (any one) MEC-205A : Population Studies MEC-205B : Industrial Economics MEC-205C : Regional Economics		Theory	4	

Handwritten signature

Handwritten initials

BA 1st Year, Sem. I
Course I (Theory)

Programme/Class: Certificate/ BA	Year: First	Semester: First
Subject: Economics		
Course Code: A080101T	Course Title: Principle of Micro Economics	
Course Outcome: • The students is familiarised and acquainted with basic concepts of microeconomics such as laws of demand and supply and elasticity etc so that he/she can comprehend them & familiarise with day today happenings. • The students learn and understand the concepts of consumer behaviour like cardinal utility and ordinal utility analysis. • The students learn and understand application of Indifference curve analysis in deriving demand curves, price effect, income effect and substitution effect. • The students learn and understand the Theory of production- iso-quants, laws of returns to scale, law of variable proportion. • The students learn, understand and compare between the Traditional and modern theory of cost. • Demonstrate an understanding, usage and application of basic economic principles. • Describe and apply the methods for analyzing consumer behavior through demand and supply, elasticity and marginal utility. • Understand the role of alternative property rights in resource allocation. • To analyze the behavioral patterns of different economic agents regarding profit, price, cost etc. • The decision-making process in different market situations such as perfect competition, monopolistic competition, monopoly and oligopoly markets. • To deal with the advance theoretical issues and their practical applications of distribution theories. • General equilibrium, economic efficiency and market failure.		
Credits: 6		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 33
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Introduction: Problem of scarcity and choice: scarcity, choice and opportunity cost; production possibility frontier. The economics of Information: search costs, searching for lowest price, search and advertising; Asymmetric information: the market for lemons and adverse selection; the problem of moral	12

Atul *Atul*

	hazard. Demand and supply: law of demand, determinants of demand, shifts of demand versus movements along a demand	
--	--	--

Aug

Ho

	curve, market demand, law of supply, determinants of supply, shifts of supply versus movements along a supply curve, market supply, market equilibrium. Applications of demand and supply: price rationing, price floors, consumer surplus, producer surplus. Elasticity: price elasticity of demand, income elasticity of demand, cross elasticity of demand, arc and point elasticity, point elasticity and total expenditure, price elasticity of supply.	
II	Consumer Theory: Budget constraint, concept of utility, diminishing marginal utility, Diamond-water paradox, income and substitution effects; consumer choice: indifference curves, Some applications of indifference curves.	12
III	Production and Costs: a. Production: behaviour of profit maximizing firms, production process, production functions, law of variable proportions, choice of technology, isoquant and isocost lines, cost minimizing equilibrium condition. b. Costs: costs in the short run, costs in the long run, revenue and profit maximizations, minimizing losses, short run industry supply curve, economies and diseconomies of scale, long run adjustments.	11
Part II		
IV	Market Structures a. Perfect Competition: a. Assumptions: theory of a firm under perfect competition, demand and revenue; equilibrium of the firm in the short run and long run; long run industry supply curve: increasing, decreasing and constant cost industries. Welfare: allocative efficiency under perfect competition. b. Imperfect Competition Monopolistic competition: Assumptions, SR & LR price and output determinations under monopolistic competition, economic efficiency and resource allocation; oligopoly: assumptions, oligopoly models, game theory, contestable markets, role of government.	11
V	Theory of a Monopoly Firm Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition and monopoly, social cost of monopoly, price discrimination;	11

	remedies for monopoly: Antitrust laws, natural monopoly.	
VI	Consumer and Producer Theory a. Consumer and Producer Theory in Action Externalities, marginal cost pricing, internalising externalities, public goods; imperfect information: adverse selection, moral hazard, social choice, government inefficiency. b. Markets and Market Failure Market adjustment to changes in demand, efficiency of perfect competition; sources of market failure: imperfect markets, public goods, externalities, imperfect information; evaluating the market mechanism.	11
VII	Income Distribution and Factor pricing Input markets: demand for inputs; labour markets, land markets, profit maximisation condition in input markets, input demand curves, distribution of Income.	11
VIII	International Trade Absolute advantage, comparative advantage, terms of trade, sources of comparative advantage, trade barriers, free trade/protectionism.	11

Suggested Readings:

1. Salvatore, Dominick (2010): Principles of Microeconomics", Oxford University Press Publications, New Delhi.
2. Dominick Salvatore. Microeconomic Theory. Third Edition, Schaum's Outlines, McGrawHill Education (India) Private Limited
3. Pal, Rajesh (2018): Issues and Concepts of Economics. Adhyayan Publishers and Distributors, New Delhi.
4. Ahuja, H.L(2018): Advanced Economic Theory Microeconomic Analysis", S.Chand & Company.
5. Ahuja,H.L (2012) :Ucchatar Arthik Siddhant", S.Chand & Company, New Delhi..
6. Lal, S.N (2013):Arthshastra Ke Siddhant", Shiva Publishing House, Allahabad.
7. Seth,M.L (2012) : Arthshastra Ke Siddhant",Laxmi Narayan Publications,Agra
8. Lipsey,Richard &Chrystal,Alec (2011) : Economics", Oxford University Press Publications, New Delhi.
9. Pindyck,Robert.S., Rubinfeld.Daniel.L., Mehta.Prem.L(2009): Microeconomics", Pear son.
10. Samuelson,Paul.A & Nordhaus, William.D(2010): Economics", Tata McGraw Hill. Koutsoyiannis, A (2008) (2nded): Modern Microeconomics", Macmillan.

Delhi *Aka*

11. Stonier, A.W & Hague, Douglas.C (2003)(5th ed) : A Text Book of Economic Theory",
Pearson.

Asky

Aliz

This course can be opted as an elective by the students of following subjects: Open for all.

Suggested Continuous Evaluation Methods:

Assignment / Test / Quiz(MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam

Coursera

**BA 1st Year, Sem.II
Course
(Theory)**

Program/Class: Certificate/BA	Year: First	Semester: Second
Subject: Economics		
Course Code: A080201T	Course Title: Macro Economics	
Course Learning Outcomes • Explains national income, calculation methods of national income, and concepts related to national income. • Relates factors determine national income such as consumption, saving and investment. • Interprets macroeconomic issues such as money, foreign exchange, inflation,unemployment, economic growth, and foreign trade. • Identify types of banks, explain the meaning and function of commercial banks. • illustrate how banks create credit, and suggest the instruments to control credit. • Analyze different phases of trade cycle, demonstrate various trade cycle theories, understand the impact of cyclical fluctuation on the growth of business, and lay policies to control trade cycle.		
Credits: 6		Core Compulsory

Atul

Avin

Max. Marks: -25+75		Min. Passing Marks: 33
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
I	Part I Introduction: What is macroeconomics? Major macroeconomic schools: The Classical School, The Keynesian School, The Monetarists School, The supply side School, The Rational Expectations School	12
II	National Income Accounting: Concepts of GDP and National Income; measurement of national income and related	12

Dr. Hany

AKV

	aggregates; nominal and real income; limitations of the GDP concept.	
III	Determination of GDP: Actual and potential GDP; aggregate expenditure; consumption function; investment function; equilibrium GDP; concepts of MPS, APS, MPC, APC; autonomous expenditure; Concept of multiplier.	11
IV	National Income Determination in an Open Economy with Government: Fiscal Policy: impact of changes in government expenditure and taxes; net exports function; net exports and equilibrium national income. Money in a Modern Economy Concept of money in a modern economy; monetary aggregates; demand for money; quantity theory of money; liquidity preference and rate of interest; money supply and credit creation; monetary policy.	11
Part II		
V	IS-LM Analysis: Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.	11
VI	GDP and Price Level in Short Run and Long Run: Aggregate demand and aggregate supply; multiplier Analysis with AD curve and changes in price levels; aggregate supply in the SR and LR.	11
VII	Inflation and Unemployment Concept of inflation; determinants of inflation; relationship between inflation and unemployment: Phillips Curve in short run and long run.	11
VIII	Balance of Payments and Exchange Rate: Balance of payments: current account and capital account; Measurements to correct deficit in the balance of payments: Price adjustment mechanism and Income adjustment mechanism. Market for foreign exchange; determination of exchange rate.	11

Defend *AFU*

Suggested Readings:

1. Ahuja,H.L (2012) : Macroeconomics: Theory and Policy , S.Chand&Company, New Delhi.
2. Pal, Rajesh (2018): Issues and Concepts of Economics. Adhyayan Publishers and Distributors, New Delhi.
3. Ahuja,H.L (2012) : SamastiArthshastra , S.Chand&Company, New Delhi.
4. Lal,S.N (2012) : SamastibhaviVisleshan , Shiva Publishing House,Allahabad.
5. Branson,W.A (1989) : Macroeconomics Theory And Policy, Harper & Row.

Atti 2

Atti 2

5. D.L (1969) : Advanced Macroeconomics, McGraw Hill, New York.
6. Dornbusch, Rudiger&startz, Richard (2012): Macroeconomics , Tata McGraw Hill Education.
7. Dwivedi,D.N (2010) : Macroeconomics: Theory and Policy , Tata McGraw Hill Education.
8. Gupta,R.D. &Rana,A.S (2009) : Keynes post-Keynesian Economics , Kalyani Publishers, New Delhi &Ludhiana.
9. Hansen,A.H (1953) : A Guide To Keynes, McGraw Hill.
10. Jhingan, M.L (2012) :SamastiArthshastra , Vrinda Publications, New Delhi.
11. Shapiro, Edward (2005): Macroeconomic Analysis, Galgotia Publications, New Delhi.
12. Sikdar,Saumyen (2011) : Principles of Macroeconomics , Oxford University Press, New Delhi.
13. Surrey,M.J.C (1976) : Macroeconomic Themes, Oxford University Press.
Romer,

Suggested Continuous Evaluation Methods:

Assignment / Test / Quiz(MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Course prerequisites: 12th Standard Passed with sciences or arts/Open to all

Suggested equivalent online :

Swayam

Coursera

Handwritten signatures and initials in blue ink.

BA 2nd Year, Sem.III
Course I(Theory)

Programme/Class: Diploma/BA	Year: Second	Semester: Third
Subject: Economics		
Course Code: A080301T	Course Title: History of Economic Thought	
Course outcomes		
• To learn and discuss, at an advanced undergraduate level, how the economic thought has evolved over time. • Introducing students to the critical comparison of the contributions of the main schools of economics. • To introduce & highlight before the students about Indian Economic Thinkers and their valuable contribution in the field of Economics. • The classical, the marginalize revolution and its application to the theories of general and partial equilibrium, the current macroeconomic debate between the neo-classical and the Keynesian school		

Atul

Atul

Credits: 6		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 33
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Kautilya, Valluvar, Dada Bhai Naoroji, RC Dutt, BR Ambedkar, R M Lohia, Gandhian Economics	12
II	Pt. Deen Dayal Upadhyay, JK Mehta, A K Sen, J. Bhagwati, A.K Mathur,	12
III	Early Period: Economic thought of Plato and Aristotle - Doctrines of Just Cost and Just price.	11
IV	Mercantilism: Main Characteristics; Thomas Munn - Physiocracy: Natural Order, Primacy of Agriculture, Social Classes, Tableau Economique, Taxation, Turgot - Economic ideas of Petty, Locke and Hume.	11
Part II		
V	Classical Period: Adam Smith - Division of Labour, Theory of Value, Capital Accumulation, Distribution, Views on Trade, Economic Progress; David Ricardo - Value, Theory of Rent, Stationary State, Distribution, Ideas on International Trade; Thomas R. Malthus - Theory of Population, Theory of Gluts.	11
VI	German Romantics and Socialists — Sismondi, Karl Marx — Dynamics of Social Change, Labour Theory of Value, Surplus Value, Profit, And Theory of Capitalist Crisis; Economic Ideas of J.B. Say, J.S. Mill.	11
VII	Marshall as a Great Synthesizer: Role of Time in Price Determination, Economic Methods, Ideas on Consumer's Surplus, Elasticity, Representative Firm, Quasi-Rent, Pigou: Welfare Economics; Schumpeter: Role of Entrepreneur and Innovations.	11
VIII	Marginalists: The Precursors of Marginalism ,Cournot , Gossen — The Marginalist Revolution: Jevons, Walras and Menger - Bohm-Bawark, Wicksell and Fisher: Quantity Theory of Money ;Economic Ideas of Wicksteed and Weiser.	11

Suggested Readings:

- 01 Bhatia, H.L : History of Economic Thought , Vikash Publishing House.
- 02 Blackhouse, R (1985) : A History of Modern Economic Analysis, Basil Blackwell, Oxford.
- 03 Ganguli, B.N (1977) : Indian Economic Thought : A 19th Century Perspective, Tata McGraw Hill.
- 04 Hajela, T.N (2011) : Aarthik Vicharon Ka Itihas , Ane Books.
- 05 Hajela, T.N (2011) : History Of Economic Thought , Ane Books.
- 06 Hunt, E.K & Lautzenheiser, Mark (2011) : History of Economic Thought: A Critical Perspective , Phi Learning.
- 07 Jhingan, M.L (2008): Aarthik Vicharon Ka Itihas , Vrinda Publications, New Delhi.
- 08 Kautilya (1992), The Arthashastra, Translated And Introduced By L.N.Rangarajan, Penguin Books.
- 09 Loknathan, V (2009) : History of Economic Thought , S.Chand & Company.
- 10 Roll, Eric : History of Economic Thought, Faber.
- 11 Schumpeter, J.A (1954): History of Economic Analysis, Oxford University Press, New York.
- 12 Sinha, V.C (2011) : Aarthik Vicharon Ka Itihas , Mayur Pu
- 13 Staley, Charles.E, "A History of Economic Thought: From Aristotle To Arrow", Blackwell Publishing

This course can be opted as an elective by the students of following subjects: Open for all.

Suggested Continuous Evaluation Methods:

Assignment / Test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam
Coursera

**BA 2nd Year, Sem.
IV, Course I
(Theory)**

Program/Class: Diploma /BA	Year: Second	Semester: Fourth
Subject: Economics		
Course Code: A080401T	Course Title: Money, Banking and Public Finance	
• Understand simple concepts related with monetary economics and banking theory. • Correlate and apply to current events & key models and concepts of monetary economics and banking theory. • Appreciate the potential importance of monetary phenomenon in the economy. • Understand the sources of finance both public and private • Demonstrate the role of government to correct market failures and possible advantage of public financing. • Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare and arouse them to suggest good and bad tax system.		
Credits: 6		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 23
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Money: Concept, functions, measurement; theories of money supply determination.	12
II	Financial Institutions, Markets, Instruments and Financial Innovations a. Role of financial markets and institutions; problem of asymmetric information – adverse selection and moral hazard; financial crises. b. Money and capital markets: organization, structure and reforms in India; role of financial derivatives and other innovations.	12

Handwritten signature and initials

III	Interest Rates Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.	11
IV	Banking System a. Balance sheet and portfolio management. b. Indian banking system: Changing role and structure; banking sector reforms. c. Central Banking and Monetary Policy Functions, balance sheet; goals, targets, indicators and instruments of monetary control; monetary management in an open economy; current monetary policy of India.	11
Part II		
V	Nature and Scope of Public Finance: Meaning and scope of Public Finance; Distinction between Private and Public Finance; Public Goods Vs. Private Goods; The Principle of Maximum Social Advantage; Market Failure; Role of the Government.	11
VI	Public Expenditure: Meaning, Classification and Principle of Public Expenditure; Canons and Effects of Public Expenditure; Trends in Public Expenditure and Causes of Growth of Public Expenditure in India.	11
VII	Taxation: Sources of Public Revenue; Taxation — Meaning, Canons and Classification of Taxes; Division of Tax Burden — The Benefit and Ability-To-Pay Approaches; Impact and Incidence of Taxes; Taxable Capacity; Effects of Taxation; Characteristics of A Good Tax System.	11
VIII	Fiscal policy: Components, Instruments, Objectives. Role of Fiscal Policy in Developed and Developing Countries, Budget Structure of the Government of India, State Budget- Sources of Revenues and Expenditures. Major Tax Reforms in India. Fiscal Federalism in India: Union-State Fiscal Relations, Federal Fiscal Imbalances and the Role of Finance Commission. Finances of Local Bodies	11

Suggested Readings:

1. Gupta, S.B (2009) : Monetary Economics-Institutions, Theory & Policy , S.Chand & Company, New Delhi.
2. Pal, Rajesh (2018): Issues and Concepts of Economics. Adhyayan Publishers and Distributors, New Delhi.
3. Jhingan ,M.L (2012) : Monetary Economics , Vrinda Publications, New Delhi.
4. Lal, S.N (2012) : Mudra, Banking Avam Videshi Vinimay , Shiva Publishing House, Allahabad.
5. Jhingan, M.L (2012) : Maudrik Arthshastra , Vrinda Publications, New Delhi.
6. Seth. M.L (2012) : Maudrik Arthshastra , Laxmi Narayan Publications, Agra.
7. Khanna, Perminder (2005): Advanced Study in Money and Banking: Theory and Policy Relevance in The Indian Economy , Atlantic.
8. Nadar, E.Narayanan (2013) : Money and Banking , PHI Learning Press.
9. Paul, R.R (2011): Money, Banking & Exchange , Kalyani Publishers, Delhi.
10. Uppal, R.K (2011): Money, Banking and Finance in India- Evolution & Present Structure New Century Publications.
11. Bagchi, Amaresh (2005) : Readings in Public Finance, Oxford University Press.
12. Cullis, John & Jones Philip (2009) : Public Finance and Public Choice, Oxford University Press.
13. Due, John.F, Friedlaender, Ann. F (2002) : Government Finance, Economics Of The Public Sector, Aitbs Publishers & Distributors.
14. Gupta, Janak Raj (2011): Public Economics in India Theory and Practice, Atlantic.
15. Head, J.C (1974): Public Goods and Public Welfare, Durham, NC, Duke University Press.
16. Inge Kaul, Pedro Conceicao (2006): The New Public Finance, Oxford University Press.
17. Johansen, Life (1965) :Public Economics, Chicago: Rand McNally.
18. Margolis, J & Guitton, H : Public Economics (1974), Mcmillan.
19. Musgrave, R.A & P.B. Musgrave (1989) : Public Theory: Theory & Practice, McGraw Hill.
20. Musgrave, R.A (1959) , The Theory Of Public Finance, McGraw Hill.
21. Shome Parthasarathi (2002): India's Fiscal Matters, Oxford University Press, New Delhi.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz(MCQ) / Seminar/Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV**Overall Performance**

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

BA 2nd Year, Sem. IV
Course II
(Research Project)

Program/Class: Degree/BA	Year- Second	Semester: Forth
Subject: Economics		
Course Code: A080401R	Course Title: Research Project	
Course outcomes • The objective of introducing Research Project at the graduation level is to familiarise, acquire and experience the local issues of economic implication focused on economic wellbeing and behaviour of consumers/citizens. • It aims at enabling the students to use and apply the learned economic principles vis-à-vis local economic issues. • To enable them to learn preparation of questionnaire/interview schedule. • The idea behind this is to develop economic thinking in the students through direct experience to real life.		
Credits: 3	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks: 33	

Athey

Ab

BA 3rd Year, Sem.V
Course I(Theory)

Programme/Class: Degree/BA	Year: Third	Semester: Fifth
Subject: Economics		
Course Code: A080501T	Course Title: Environmental Economics, Economic Growth and Development	
Course outcomes • Basic concepts of ecology environment and economy • Public good, Market failure, externalities and internalization of externalities • Solution to environmental problems- the command and control approach, market based methods, tax tradable pollution permit, etc, carbon trading • Sustainable development, environmental impact assessment CO 5: Global and local environmental concerns. • It will be focussed on Local Issues of Economic Bearing. • Realize the importance and influence of environment on the economy including the quality of manpower. • Arouse their feelings to make cleaner environment so as to achieve harmonious development. • Understand that environmental problem is not the problem of a single country or region but a global problem/issue. • To understand specific contributions on themes of economic analysis and concerning figures of economists still important in the international economic debate at the international level, through selected readings of their texts and linking the different positions of economic thought to philosophical foundations and political implications. Demonstrate theoretical and empirical analysis of economic growth process. • Demonstrate an understanding of economic growth theory, development and policy implications. • Demonstrate an awareness of economic growth problems, issues in globalisation, and provide grounding in major growth strategies and development. • Apply empirical analysis of growth models to developing countries and/or regions, and draw appropriate policy recommendations"		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 33
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
Part I		
I	Introduction: Key environmental issues and problems, economic way of thinking about these problems, basic concepts from economics;	9

Handwritten signature and initials

	Pareto optimality and market failure in the presence of externalities;	
--	--	--

Handwritten signature in blue ink.

Handwritten signature in black ink.

	property rights and other approaches.	
II	The Design and Implementation of Environmental Policy: Overview, Pigouvian taxes and effluent fees, tradable permits, implementation of environmental policies in India and international experience; transboundary environmental problems; economics of climate change	9
III	Environmental Valuation Methods and Applications: Valuation of non-market goods and services--theory and practice; measurement methods; cost-benefit analysis of environmental policies and regulations.	9
IV	Sustainable Development: Concepts; measurement; perspectives from Indian experience.	9
Part II		
V	Meaning and Measurement of Economic Growth and Development- Measuring Development and Development Gap, GDP, GNP, Per Capita Income, Factors affecting Economic growth and Development.	9
VI	Concept of Poverty and Inequality, Vicious cycle of poverty, Lorenz Curve, Gini Coefficient Concept of Human Development, Human Development Index, Physical Quality of Life Index, Quality of Life Indices. Hunger Index, Happiness Index, Development and Sustainability.	10
VII	Lewis model of labour surplus economy, Rosentein Rodan's theory of Big Push, Nelson's Level equilibrium trap, balanced vs Un-balanced growth, Rostow's stages of growth, Harrod and Domar Growth models.	10
VIII	International aspects of economic development; International trade, FDI, FII, Regional cooperation (SAPTA, NAFTA, SAARC, BRICS etc.) , WTO and developing countries	10

Suggested Readings:

1. Avasthi, N.M : Paryavaraniya Adhyan, Laxmi Narayan Agarwal, Agra.
2. Pal, Rajesh (2018): Issues and Concepts of Economics. Adhyayan Publishers and Distributors, New Delhi.
3. Bharucha, Erach : Paryavarana Adhyann, Orient Blackswan.
4. Bhattacharya, Rabindra Nath (2002): Environmental Economics – An Indian Perspective, Oxford University Press.
5. Eugene, T (2005) : Environmental Economics, Vrinda publications, Delhi.
6. Jhingan, M.L & Sharma, C.K (2009) : Environmental Economics Theory Mgt

&Policy, Vrinda publications, Delhi.

7. Kolstad, Charles. D (2012): Intermediate Environmental Economics, Oxford University Press.

Abhef

His

7. Nagre, Vijay.H (2012): Environmental Economics, Chandralok Prakashan.
8. Singh, Kartar & Shishodia (2007): Environmental Economics: Theory and Applications, SageIndia.
9. Singh, S.R(2012): Environmental Economics, APHPublishing Corporation, Delhi.
10. Smith, Stephen (2011): Environmental Economics: A Very Short Introduction, OxfordUniversity Press.
11. Tripathi, Daya Shanker : Paryaavarana Addhyayan, Motilal Banarasidass Pvt Ltd.
12. Barro, Robert J and Xavier Sala-i- Martin, Economic Growth, The MIT Press, Cambridge, Latest Edition.
13. Basu, Kaushik (2010): Analytical Development Economics: The Less Developed Economy, Oxford University Press.
14. Basu, Kaushik, Issues in Economic Theory, part I and II, Oxford University Press, 2010
15. Dasgupta, Dipankar: Growth Theory, Oxford University Press, 2007
16. Ghatak, S., An Introduction to Development Economics. Allen and Unwin London, latest edition.
17. Hayami, Y., Development Economics, Oxford University Press, New York, 2010 (5th Impression)
18. Hayami, Yujiro & Godo, Yoshihisa (2005) : Development Economics: From the Poverty to the Wealth of Nations, Oxford University Press.
19. Hendrik Van Den Berg, Economic Growth and Development, McGraw-Hill International Edition, 2005
20. Jhingan, M.L (2013): Economics of Development and Planning, Vrinda Publications, NewDelhi.
21. Jhingan, M.L (2013): Vikas Ka Arthshastra Awam Niyojan, Vrinda Publications, NewDelhi.
22. Lal, S.N (2012): Vikas, Niyojan Awam Paryavaran, Shiva Publishing House, Allahabad.
23. Lekhi, R.K (2013): Economics of Development and Planning, Kalyani Publishers, New Delhi.
24. Mankiw, G, Macroeconomics: Theory and Practices, Harvard Publication (Latest Impression)
25. Meier, G.M., Leading Issues in Economics Development, Oxford University Press, New Delhi, Latest edition.
26. Mishra, S.K & Puri, V.K (2012): Economics of Development and Planning, Himalaya Publishers, Mumbai.
27. Ray Debraj, Development Economics, Oxford University Press, Latest Edition.
28. Somashekar, NT: Developmental Economics, New Age Publication (Latest edition)
29. Taneja, M.L & Myer, R.M (2011): Arthshastra Ki Yojnaye Awam Vistaar, Vishal Publishing Company, Jalandhar (New Delhi).
30. Thirlwall, A.P., Growth and Development with Special Reference to Developing Economies, Macmillan, UK, 1999.
31. Todaro, Michael.P & Smith, Stephen.C (2011) : Economic Development, Pearson

This course can be opted as an elective by the students of following subjects: Open for all

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz(MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV**Overall Performance**

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam

Coursera



BA 3rd Year, Sem. V, Course II
(Optional)(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Fifth
Subject: Economics		
Course Code: A080502T	Course Title: Elementary Statistics	
Course outcomes • Demonstrate the role of quantitative techniques in the field of business/industry. • Illustrate different types of equations, solve equations and system of equations, understand the concept of sets. • Illustrate and apply basic set operations. • If taken by the student then he can apply the basic concept learned in this paper to qualitatively enhance Dissertation/Project.		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 33
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
I	Introduction to Basic Concepts in Statistics: Population, Sample, Parameter, Data-Meaning & types. Questionnaire, Schedule & Interview Schedule (meaning, concept & types)	9
II	Frequency Distribution, Cumulative frequency; Graphic and Diagrammatic representation of data.	9
III	Measures of Central Tendency - Mean, Median, Mode, Geometric mean and Harmonic mean. (Meaning, concept, properties & methods of measurement-in brief)	9
IV	Measure of Dispersion: Range, Mean Deviation, Standard deviation, Coefficient of Variation, Quartile deviation, Skewness and Kurtosis (Meaning, concept, properties & methods of measurement-in brief)	9
V	Correlation: Meaning, Concept, Types & Properties Methods of measurement of Correlation: Karl Pearson and Spearman. Coefficient of Correlation	9
VI	Regression: Meaning and Concept. Least squares method, Interpretation of Regression	10

Alley *AW*

VII	Series: Concept, Meaning & Components - Determination of Regular, Trend and Seasonal Indices.	10
-----	---	----

Atis

Phay

VIII	Index Number: Concept, Classification of Index Numbers-price relative, quantity relative, value relative & special purpose (in brief). Consumer Price Index(CPI), Whole Sale Price Index (WPI), Methods of Construction of Index Numbers- i Unweighted & ii Weighted indices (in brief). Test of Adequacy of Index Number Formulae (in brief)	10
------	---	----

Suggested Readings:

1. Elhance, D.L (2010) : Sankhiki Ke Siddhant (Hindi), Kitab Mahal.
2. Gupta S C (2018) Fundamentals of Statistics Himalaya Publishing House
3. Gupta, S.P (2011) : Statistical Methods, Sultan Chand & Sons, Delhi.
4. Hazarika, Padmalochan (2006): Essential Statistics for Economics and Commerce , Akansha Publishing House.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz(MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam

Coursera

BA 3rd Year, Sem. V
Course III (Optional)
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Fifth
Course Code: A080503T		Subject: Economics
Course Title: Demography		
Course outcomes • To orient the students with the positive aspects of population and how it can help in the Economic Development of the nation • To orient the students with various Quantitative and qualitative aspects of population and various demographic Techniques. • To expose the students to recent concepts and developments in Demography.		
Credits: 5		Core Compulsory
Max. Marks: 25+75		Min. Passing Marks: 33
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures

Ashep *Ans*

I	Meaning and Scope of Demography, Components of Population Growth, Measures of Population Change, Demography, Data, Population and Developments.	9
II	Fertility - Concepts and Measures, Factors affecting Fertility	9

Amu *Ahu*

III	Mortality-Concepts and Measures, Factors affecting Mortality. Life- Table, Population projection	9
IV	Malthusian Theory of Population, Optimum Theory	9
V	Theory of Demographic Transition Views of Meadows and Enke.	9
VI	Migration Meaning. Types and Measurement, Causes and Effects of Internal and International Migration,	10
VII	Urbanisation- Cause of Effect.	10
VIII	Population policy in India, Strategy of Family Planning, Population and Strategies for Human Development. Population and Environment.	10

Suggested Readings:

1. Jhingan, Bhatt & Desai : Demography, Vrinda Publication
1. Mishra J.P. : Janankiki , Sahitya Bhawan Publication
2. Majumdar, P.K. : India's Demography Changing Demographic scenario in India.
3. Datt & Sundram : Indian Economy, S.Chand Publication

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz (MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam
Coursera

Adi

Adi

BA3rd Year, Sem.
VI, Course I
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code: A080601T	Course Title: Indian Economy & Economy of Uttar Pradesh	

35

Phap

Ativ

Course Outcome

- Develop ideas of the basic characteristics of Indian economy,
- Its potential on natural resources.
- Understand the importance, causes and impact of population growth and its distribution, translate and relate them with economic development.
- Natural resource, population, urbanization and occupational distribution of Uttar Pradesh
- Agriculture sector of Assam CO 3:
Industrial sector of Assam
- Infrastructure of Assam including social infrastructure
- Human resource development, unemployment, immigration, flood and erosion, problems of agriculture labourers, border area development

Credits: 5

Core Compulsory

Max. Marks: 25+75

Min. Passing Marks: 33



Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
I	Structure and Features of Indian Economy: Indian economy as a Developing Economy. Comparative Development of Indian States.	9
II	Agricultural Sector: Institutional Reforms, Technological change in Agriculture, Terms of Trade between Agriculture and Industry; Agricultural Policy, Policies for Sustainable Agriculture. Agrarian Crisis and Agricultural Labour.	9
III	The Industrial Sector: Industrial Policy; Public Sector Enterprises and their Performance, Privatization and Disinvestment debate, Small, Medium and Large-scale Sector, Industrial Labour, trade Union Movement.	9
IV	Planning in India: Objectives and Strategy of Planning; Success story of Indian Plans; Strategy of Inclusive Growth, Resource mobilization for Development.	9
V	Nature, Features, Demographic Profile, Status of Natural Resources, Major Factors affecting growth and development in Uttar Pradesh: economic and non-economic factors in economic development of Uttar Pradesh.	9
VI	Sectoral growth pattern of in Uttar Pradesh; Economic growth in Uttar Pradesh and Indian economy: A comparison; Infrastructural development of Uttar Pradesh.	10
VII	Pattern of land-holding and irrigation; production and productivity in agriculture, Farm mechanization, Crop diversification, agricultural credit, Agricultural policy and strategies in Uttar Pradesh, Rural Development	10
VIII	Problems and Policies. Major industries in Uttar Pradesh, Pattern of Industrial Development in Uttar Pradesh, Industrial Policy in Uttar Pradesh, Growth pattern of Services sector and Its linkages of other sectors of UP Economy. One Product One District (OPOD)	10

Suggested Readings:

1. Annual Financial Statement (Budget) various years & Latest published by the Government of India.
2. Economic Surveys, Government of India (Hindi/English)
3. Indian Economy by Mishra & Puri. Himalaya Publishing House (Hindi /English)
4. Indian Economy by Uma Kapila, Academic Foundation

Abhishek *Abhilash*

5. Indian Economy. Rudra Dutt & Sunderam. S. Chand & Company (Hindi /English)
6. Agarwal,,M K (2009): Uttar Pradesh ka Arthik Vikas. New Royal Book Company
7. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest.
8. Mishra, Arvind Narayan & Atul Chandra (2018):The Economy of Uttar Pradesh. GutenbergPublication ISBN: 9789386240224, 9789386240224
9. Publications of the Government of Uttar Pradesh.
10. Uttar Pradesh Human Development Report, UNDP, 2008.
11. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, PlanningCommission, Government of India, 2014.
12. Agarwal,,M K (2009): Uttar Pradesh ka Arthik Vikas. New Royal Book Company
13. Annual Financial Statement (Budget) of the Government of Uttar Pradesh published in different years & the latest.
14. Mishra, Arvind Narayan & Atul Chandra (2018):The Economy of Uttar Pradesh. GutenbergPublication ISBN: 9789386240224, 9789386240224
15. Publications of the Government of Uttar Pradesh.
16. Uttar Pradesh Human Development Report, UNDP, 2008.
17. Uttar Pradesh State Development Report, Volume I & II, State Plan Division, PlanningCommission, Government of India, 2014.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz(MCQ) / Seminar/ Presentations/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam
Coursera

Atul *Atul*

BA 3rd Year, Sem. VI,

Course II(Optional)
(Theory)

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code: A080602T	Course Title: Ethics and Economics	
Course Outcome • To help the students to recognize legal and ethical issues when making business decisions. • To gain an enhanced understanding of following ethical rules and ethical constraints. • To improve analytical problem solving and ethical decision making skills. • Have a good command of the conceptual vocabulary of policy-making and policy-analysis. • Distinguish between ethical, economic and political dimensions of public policy.		
Credits: 5	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks: 33	

Abhay Aggarwal

Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w

Atkes *Atkes*

Unit	Topics	No. of Lectures
I	Introduction to Ethics, importance of Ethics to Economics	9
II	Overview of Ethical idea of Indian and Western Philosophers: Deendayal Dayal Upadhyay, Kant, Bentham.	9
III	Doctrine of Equality, Theories of Justice: Plato Aristotle, Rawls.	9
IV	Economic Importance of Morality, Self interest and Greed, Morality and Economic Rationality Economic Behaviour	9
V	Adaptive Preference, Market and Ethical Standards, Economics of Uncertainty: Asymmetric Information and Moral hazards, Business and Social Responsibility	9
VI	Self Interest vs. Social Goods. Efficiency and Ethical Concept: Allocative Efficiency.	10
VII	Markets and Welfare: Pareto Principle.	10
VIII	Measurement of Standard of Living and Quality of life . Gross National Happiness Index. Ethics and Good Governance: "Achieving Happiness".	10

Suggested Readings:

1. Backerman, Wilfred (2011): Economics as Applied Ethics: Value Judgements in Welfare Economics, Palgrave MacMillan.
2. Dutt. Amitava Krishna & Wiber, Charles.K (2013): Economics and Ethics: An Introduction, Palgrave MacMillan.
3. Graafland, Johan.J (2009): Economics, Ethics and the Market: Introduction and Applications, Routledge.
4. Hirata, Johannes(2011), Happiness, Ethics and Economics, Routledge Canada an USA
5. Rawls, John (1971): Theory Of Justice, Harvard University Press.
6. Roemer, John (1982): Free To Lose, Harvard University Press
7. Samuelson, Paul.A & Nordhaus, WilliamD.(2012) Tata McGraw Hill Education Private Limited, New Delhi.
8. Sen, A.K&Williams,B(1982): Utilitarianism And Beyond, Cambridge University Press.
9. Sen,Amartya (1997) : Inequality Re-examined, Oxford UniversityPress.
10. Sen,Amartya (1999) : Choice Welfare and Measurement, Oxford UniversityPress.
11. Sen,Amartya (1999): AarthikVikasAurSwatantra (Hindi), Neha Publishers & Distributors.
12. Sen,Amartya (2001) : Development as Freedom, Oxford University Press.
13. Sen,Amartya (2001) : On Economic Inequality, Oxford University Press.
14. Sen,Amartya (2001) : On Ethics And Economics, Oxford University Press.
15. Sen,Amartya (2010) : The Idea of Justice, Penguin.
16. Teaching the Ethical Foundations in Economics; National Council on Economic Education, New York
17. Williams roan & Elliott Larry (2010), Crisis And Recovery Ethics Economics and Justice, Palgrave Macmillian.

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz(MCQ) / Seminar/ Presentation/ Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.

Handwritten signatures and initials.

ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam

Coursera

Handwritten signature and date 11/18

BA 3rd Year, Sem. VI,

**Course III (Optional)
(Theory)**

Program/Class: Degree /BA	Year: Third	Semester: Sixth
Subject: Economics		
Course Code: A080603T	Course Title: Elementary Mathematics	
Course Outcome		
• Work with matrices and determine if a given square matrix is invertible. • Learn to solve systems of linear equations and application problems requiring them. • Learn to compute determinants and know their properties. • Learn to find and use values of a matrix in economics. • Learn about and work with vector spaces and subspaces.		
Credits: 5	Core Compulsory	
Max. Marks: 25+75	Min. Passing Marks: 33	
Total No. of Lectures-Tutorials-Practical (in hours per week): L- 4/w		
Unit	Topics	No. of Lectures
I	Basic Concepts: Variables, Sets, Functions, Equations, Identities, Systems of Equations	9
II	Application of Straight Line System, Slope of the Line, Homogeneous Function.	9
III	Role Of Mathematical Techniques In Economic Analysis, Theory of Numbers, Indices and Factorization	9
IV	Progression, Growth Rate, Equilibrium.	9
V	Basics of Calculus: Rules of Differentiation of a Function; Maxima and Minima,	9
VI	Elasticities; Inter- relationships among Total, Marginal and Average Cost and Revenues; Constrained Optimisation Problem; Integration of a Function, Consumer's and Producer's Surplus	10
VII	Matrix and Determinants: Various types of Matrices, Determinants, Inverse of a Matrix, Crammer's Rule.	10
VIII	Concept of Linear Programming — Graphic Method.	10

Atul Ariz

Suggested Readings:

1. Agarwal, D.R. (2009): Mathematics for Economics, Vrinda Publications, Delhi.
2. Livernois, John., Rees, Ray., & Hoy, Michael (2012): Mathematics for Economics, PHI Learning.
3. Agarwal, D.R. "Prarambhik Ganitiya Arthshastra (Hindi)", Vrinda Publications, Delhi.
4. Mishra, J.P. "Ganiteeya Arthshastra", Pratiyogita Sahitya.
5. Allen, R.G.D (2008) : Mathematical Analysis for Economics , AITBS.
6. Bhardwaj, R.S (2006): Mathematics for Economics and Business, Excel Books.
7. Chiang, A.C & Wainwright, Kevin (2013) : Fundamental Methods of Mathematical Economics" McGraw Hill Publication.
8. Dowling, Edward.T (2005): Schaum's Easy Outline of Introduction to Mathematical Economics , Tata McGraw Hill Education.
9. Madnani, G M K : Mathematics for Economics. Sultan Chand & Sons
10. Rosser, Mike (2003) : Basic Mathematics for Economists , Routledge.
11. Seth, M.L., " Arthshastramei Prarambhik Ganit", Laxmi Narayan Publications, Agra.
12. Sharma, J.K (2007) : Business Mathematics , Ane Books Pvt.Ltd.
13. Yamane, Taro (2007) : Mathematics For Economists : An Elementary Survey , PHI Learning

Suggested Continuous Evaluation Methods:

Assignment / test / Quiz (MCQ) / Seminar / Presentation / Research orientation of students

I Assignment

There will be two questions of five (05) marks each. Evaluation of each question will be based on the following criteria:

- i. Maximum 2.5 marks is allotted for explanation of the answer.
- ii. Maximum 2.5 marks is allotted for analysis and presentation.

II Multiple Choice Questions (MCQs)

There will be five (05) multiple choice questions carrying one (01) mark each. Each MCQ must have four options to answer.

III Attendance

Maximum marks under this criterion is five (05). Students having more than or equal to 75 per cent attendance will be entitled for five marks.

IV

Overall Performance

Maximum marks under this criterion is five (05). This criterion comprises behaviour, discipline and participation of students in the Department and University campus.

Suggested equivalent online :

Swayam
Coursera

BA 4th Year, Sem.VII

(Course -I)

(Theory)

Year	Semester	Course Code	Paper Title	Theory/Project	Credit	Max. Marks
I	I	MBC-101	Advanced Microeconomics-I	Theory	4	100

Course Objectives: Develop a comprehensive understanding of microeconomic theories, principles, and foundational concepts.

- Examine the behavior of consumers and firms, market structures, competition, and distribution mechanisms across various economic scenarios.
- Enhance analytical skills to determine optimal decision-making conditions for consumers, producers, markets, and factor allocations.
- Equip students with the ability to apply microeconomic tools and models to real-world economic and business challenges.

COURSE CONTENT

UNIT-I

Consumer Behaviour & Utility Theory-Cardinal and Ordinal Utility Approach, Consumer's Surplus – Comparative insights from Marshall and Hicks, Indifference Curve Analysis, Samuelson's empirical approach to preferences, Indigenous perspectives: Gandhian minimalism, *Thirukkural* on frugality, Individual Choice Under Risk and Uncertainty, Concept of Risk –, St. Petersburg Paradox; Bernoulli's Hypothesis –Milton Friedman's Approach –Recent Advances in Microeconomic Theory

UNIT-II

Theory of Production and Costs: Laws of Variable Proportions, Importance; Iso-product Curve- Properties, Producer equilibrium, Ridge Lines, Law of Variable Proportions; Returns to Scale; Production Function-C-D, C.E.S. Costs - Short-Run, Long-Run Analysis; Indigenous systems: labor collectivism and agrarian wisdom in *Arthashastra*.

UNIT-III

Market Structures: Concept of revenue, Equilibrium of the firm and industry under Perfect Competition, Price and Output determination under Monopolistic Competition, Monopoly, Oligopoly, Duopoly, Managerial Theory of firm-Marris Williamson. Behavioural Theory of Firms Satisficing model. Mark-up Pricing Theory. Sales maximization model of Oligopoly Firm. Cournot's duopoly model.

UNIT-IV

Theory of Distribution: Marginal Productivity Theory of Distribution: Clark's Version, Marshall-Hicks Version; Adding-up Problem- Euler Theorem; Product Exhaustion Problem: Wicksell, Walras, Samuelson. Neoclassical Macro Theory of Relative distributive shares. Pricing of Factors in competitive markets. Pricing of Factors in imperfect market.

COURSE OUTCOME:

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

1. Understand theories of consumer behavior through both modern economic models and traditional Indian perspectives on consumption
2. Analyze production functions and theories of production, while appreciating indigenous systems like community-based agriculture
3. Familiarize with market structures and pricing mechanisms
4. Understand theories of factor pricing, alongside traditional Indian views on labor, land, and capital

MAPPING				
Course Outcomes	1	2	3	4
Mapping of Course Content with Course Outcome	Unit I	Unit II	Unit III	Unit IV
Suggested Readings: Robert S. Pindyck, Daniel L. Rubinfeld (2022) : MICROECONOMICS, Pearson Education. Intermediate Microeconomics Banerjee.S(17th March, 2021) Intermediate Microeconomics: A Tool-Building Approach Paperback -ISBN 978-0367245351 -2nd Edition Routledge Varian, Hal R (1 January 2020)-Intermediate Microeconomics Paperback- Subhamon Book Store Ahuja, H.L. (2019) : Advanced Economic Theory, S Chand Publishing, New Delhi. Mankiw, N. Gregory (2015) : Principles of Microeconomics, Cengage Learning, USA. Estrin Saul, Laidler David, David E.W. Laidler, Michael Dietrich (2012) : Microeconomics, Pearson Education Ltd. Varian, Hal R. (2012) : Microeconomic Analysis, Publisher-Viva. Misra, S. K. & Puri, V.K.; Microeconomics (2011) : Theory and Applications, Himalaya Publishing House. Dominick, Salvatore (2009) : Principles of Microeconomics, OUP. Dominick Salvatore (2006) : Schaum's Outline of Microeconomics, McGraw Hill. Koutsoyiannis, A. (2003) : Modern Microeconomics, Palgrave Macmillan U.K. Stonier, Alfred W. & Hague, D.C. (2003) : A Textbook of Economic Theory, Pearson. Mukherjee, Sampat (2002) : Modern Economic Theory, New Age International, 2002 Lipsey Richard G., Courant Paul N. Christopher, Ragan, T. S. (2000) : Microeconomics, Publisher-Hodder - Franklin M. Fisher : Microeconomics (1999) : Essays in Theory and Applications, Cambridge University Press. - Henderson, James M. & Quandt, Richard E. (1980) : Microeconomic Theory, McGraw-Hill Education. https://mgkvp.ac.in/UploadedFiles/Lectures_349546280.pdf https://mgkvp.ac.in/UploadedFiles/Lectures_395177687.pdf https://mgkvp.ac.in/UploadedFiles/Lectures_399152573.pdf https://mgkvp.ac.in/UploadedFiles/Lectures_804925887.pdf https://mgkvp.ac.in/Uploads/Lectures/28/4716.pdf https://mgkvp.ac.in/Uploads/Lectures/28/7403.pdf https://www.amazon.in/Issues-Concepts-Economics-Rajesh-Pal/dp/8184354657#detailBullets_feature_div https://www.mgkvp.ac.in/Uploads/Lectures/28/5882.pdf https://www.mgkvp.ac.in/Uploads/Lectures/28/5891.pdf https://www.mgkvp.ac.in/Uploads/Lectures/28/6882.pdf https://www.mgkvp.ac.in/Uploads/Lectures/28/6891.pdf https://www.mgkvp.ac.in/Uploads/Lectures/28/7180.pdf				

(Signature)

	Semester	Course Code	Year	Theory/Project	Credit	Max. Marks
1	I	MEC-102	Advanced Macroeconomics-I	Theory	4	100

Course Objectives

- To develop a comprehensive understanding of the asset market, the role of money, and price-level dynamics.
- To explore classical and modern theories of money demand and supply, including their macroeconomic implications.
- To analyze the quantity theory of money and its evolution through various theoretical lenses.
- To understand the structure and behavior of interest rates and their theoretical foundations.
- To examine the IS-LM framework in both closed and open economy contexts, and its application in fiscal and monetary policy analysis.
- To assess the impact of exchange rate regimes, capital mobility, and trade policy on macroeconomic equilibrium.

COURSE CONTENT

UNIT-I

The Asset Market, Money, and Prices, Functions of Money, The Demand for Money, The Supply of Money, Measurement of Money Supply, Elasticity of Demand for Money, Equilibrium in the Asset Market, The Asset Market Equilibrium Condition, Money Growth and Inflation; Different Views on Demand for Money: The Classical and the Neoclassical Theory: Keynes' Theory, Baumol-Tobin Model of Cash Management, Milton Friedman's Approach, Gurley and Shaw Approach

UNIT-II

Quantity Theory of Money: Irving Fisher's Transaction approach, Cash balance approach Keynes' reformulation of the quantity theory of money. Don Patinkin's real balance effect, and Modern QTM; Income Theory of Money, Liquidity Theory of Money, The Liquidity Trap, Term Structure of Interest Rates, The Expectations Theory, The Segmented Markets Theory, The Liquidity Premium Theory, The Preferred Habitat Theory; The Basics of Banking and Credit Creation

UNIT-III

The IS-LM Analysis: Derivation of IS and LM Curves, Short-Run Equilibrium in the IS-LM Model, Effects of Fiscal Policy on the IS Curve and Effects of Monetary Policy on the LM Curve, A Loanable-Funds Interpretations of the IS Curve, A Quantity-Equation Interpretation of the LM Curve; The IS-LM Model: Derivation of Aggregate Demand and Fluctuations in National Income, Fluctuations in National Income under IS-LM Model: Effects of fiscal and monetary policy and changes in the short run equilibrium, Relationship between monetary policy and fiscal policy, IS-LM Model in the Short Run and Long Run, The Algebra of the IS-LM Model and the Aggregate Demand Curve, The Algebra of the Aggregate Demand Curve.

UNIT-IV

The IS-LM Model in an Open Economy: Derivation of the IS and LM curves under Mundell-Fleming Model, Equilibrium in Goods Market and Money Market in a Small Open Economy with Perfect Capital Mobility, Impact of Fiscal and monetary policies under fixed and flexible exchange-rate-system, Impact of Trade Policy under Floating Exchange Rate, Interest Rate Differential and Mundell-Fleming Model, Changing Price Level and Mundell-Fleming Model, IS-LM Model in a Large Open Economy, Impact of Fiscal and Monetary Policy in a Large Open Economy.

Course Outcomes:

By the end of this course, students will be able to:

- 1: Explain the functions of money, asset market equilibrium, and the relationship between

[Signature]

[Signature]

money growth and inflation.

2: Compare and critically evaluate classical, Keynesian, and monetarist views on the demand for money, including models like Baumol-Tobin and Gurley-Shaw.

3: Apply the quantity theory of money and its reformulations to understand price-level changes and monetary dynamics.

4: Interpret the term structure of interest rates using various theories such as expectations, segmented markets, and liquidity premium.

5: Derive and analyze the IS and LM curves to understand short-run and long-run macroeconomic equilibrium.

6: Evaluate the effectiveness of fiscal and monetary policies using the IS-LM model, including algebraic interpretations of aggregate demand.

7: Extend the IS-LM framework to open economies using the Mundell-Fleming model, and assess policy impacts under different exchange rate systems.

8: Analyze macroeconomic fluctuations in national income and price levels in response to policy changes in both small and large open economies.

Course Outcomes

Mapping of Course Content with Course Outcome

1&2

3&4

5&6

7&8

Unit I

Unit II

Unit III

Unit IV

Suggested Readings:

- Eckhard Hein (2023) : Macroeconomics after Kalecki and Keynes - Post-Keynesian Foundations, Edward Elgar Publishing, U.K.
- Gary B. Gorton and Guillermo L. Ordoñez (2023) : Macroeconomics and Financial Crises - Bound Together by Information Dynamics, Princeton University Press, U.K.
- Campbell R. McConnell, Stanley L. Brue and Sean M. Flynn (2014) : **Macroeconomics: Principles, Problems, & Policies**, Irwin Professional Pub.
- Rudiger Dornbush and Stanley Fisher, Richard startz (2011) : Macroeconomics, Tata McGraw-Hill, Publishing company Ltd., New Delhi.
- Gupta, Suraj B. (2010) : Monetary Economics- Institutions, Theory and Policy, S. Chand Publishing, New Delhi.
- Cauvery, R; Kruprani, et al. (2010) : Monetary Economics, S. Chand Publishing, New Delhi.
- N. Gregory Mankiw (2009) : Macroeconomics, Worth Publishers.
- Seth, M. L. (2000) : Monetary Economics, Lakshmi Narain Agrawal, Agra.
- Branson, William S. (1988) : Macroeconomic Theory and Policy, Harpar & Row Publishers, NY.
- G. Ackley (1978) : Macroeconomics Theory and policy, Macmillan.
- William J Baumol, Alan S. Blinder (2009) : Macroeconomics - Theory and Applications, Cenage Learning.
- <https://mgkvp.ac.in/Uploads/Lectures/28/1680.pdf>
- <https://mgkvp.ac.in/Uploads/Lectures/28/4707.pdf>
- <https://mgkvp.ac.in/Uploads/Lectures/28/4708.pdf>
- <https://mgkvp.ac.in/Uploads/Lectures/28/4709.pdf>
- <https://mgkvp.ac.in/Uploads/Lectures/28/4710.pdf>
- https://www.amazon.in/Issues-Concepts-Economics-Rajesh-Pal/dp/8184354657#detailBullets_feature_div
- <https://www.mgkvp.ac.in/Uploads/Lectures/28/4452.pdf>

BA 4th Year, Sem. VII
(Theory)

Year	Semester	Course Code	Topic	Theory/ Project	Credit	Max. Marks
1	1	MEC-103	History of Economic Thought	Theory	4	100

COURSE OBJECTIVES:

- To equip with the evolution of economic thinking.
- To enable the students to critically evaluate the arguments of major school of economic thought.
- To familiarize the students with the contribution of Indian economic thinkers.
- To strengthen students in use of knowledge for the analysis of contemporary issues in academic discourse.

COURSE CONTENT

UNIT-I

Early Economic Thought- Significance of the history of Economic Thought. Mercantilism- factor shaping mercantilism, main ideas of Mercantilism, Neo- Mercantilism, Physiocrates, Natural order, Net product and the circulation of money, value, interest, taxation, trade and functions of state.

UNIT-II

Smith's Economic Thought- Philosophy, Naturalism, Optimism, value and distribution, Laissez Faire or Economic Liberty.

Pessimistic Theory- Thomas Robert Malthus and Ricardo, theory of comparative cost and theory of Rent. Economic ideas of Jean-Baptiste Say, Restatement of Classical ideas- John Stuart Mill.

The Early Socialist Critics- Robert Owen, Charles Fourier.

German Historical School- Friedrich List, Theory of Nationality, productive power and protection.

UNIT-III

The Marginal Revolution- Mathematical School, Economic ideas of Harman Henrikh Gossen and William Stanley Jevons, Walras General Equilibrium Analysis.

Austrian school- Karl Menger, theory of goods, value, money, exchange, capital and Imputation.

Neo Classical Economic Theory- Marshall, Pigou

Keynes and Post Keynesian Theory

UNIT-IV

Indian Economic Thinkers- Economic ideas of Shukra, Bhishma and Kautilya, Mahatma Gandhi, Jawahar Lal Nehru, B.R. Ambedkar, Radha Kamal Mukherjee, J.K. Mehta and Amartya Sen.

COURSE OUTCOME:

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

1. Understand how the economic thought has evolved over time.
2. Evaluate the contributions of the main schools of economics.
3. Know about the marginal revolution and neo classical economic theories.
4. Understand and analyze thoughts of Indian Economic Thinkers and their valuable contribution.

MAPPING

Course Outcomes	1	2	3	4
Mapping of Course Content with Course Outcome	Unit I	Unit II	Unit III	Unit IV

Suggested Readings:

- Mark Koyama & Jared Rubin (2022) : How the World Became Rich: The Historical Origins of Economic Growth, Polity Press
- Brad de Long (2022) : Slouching Towards Utopia- An Economic History of the Twentieth Century, Basic Books, New York.
- Agnar Sandmo (2011), Economics Evolving: A History of Economic Thought, Princeton Univ. Press.





- Gide Charles and Rist Charles (2007) A History Of Economic Doctrines – From the Time of the Physiocrats to the Present Day, (1st Indian Reprint), Surjeet Publications, New Delhi.
- Thorat, S.K. (1998), Ambedkar's Role in Water Resource Development, New Delhi.
- Seshadri, G.B. (1997), Economic Doctrines, B.R. Publishing Corporation, Delhi.
- Ganguli, B.N. (1997), Indian Economic Thought - A 19th Century Perspective, Tata McGraw Hill, N.D.
- Kautilya (1992), The Arthashastra, Edition, Rearranged, Translated and Introduced by L.N. Rangarajan, Penguin Books, New Delhi.
- Roll, Eric (1986) A History of Economic Thought, Oxford University Press.
- Grey, A. and A.E. Thompson (1980), Development Of Economic Doctrine, Longman Group, London.
- Barber, William J, (1967), A History of Economic Thought, Penguin Books.
- Gide, C. and G. Rist (1956), A History of Economic Doctrine, George Harrop & Co. London.
- Schumpeter, J.A. (1954), History of Economic Analysis, Oxford University Press, New York.
- <https://mgkvp.ac.in/Uploads/Lectures/28/4923.pdf>

[Handwritten signature]

[Handwritten signature]

BA 4th Year, Sem. VII

(Theory)

Year	Semester	Course Code	Paper Title	Theory/Project	Credit	Max. Marks
1	1	MBC-104	Research Methodology and Essential Statistics	Theory	4	100

COURSE OBJECTIVES:

- To enhance the ability to choose appropriate research design and usage of data collection tools.
- To increase competence in developing hypothesis and data analysis.
- To endow the students to interpret results and present data using tables and graphs.
- To empower the students in writing research reports and referencing.

COURSE CONTENT

UNIT-I

Introduction to Research: Meaning, Objective, Steps in Research and Importance in Social Science, Qualities of a Good Researcher.

Research Design: Concept, Need for Research Design, Features of a Good Research Design, Various Research Designs.

Hypothesis: Concept, Nature, Function, Importance, Forms, and Source, Qualities of a Good Hypothesis, Types of Hypotheses.

UNIT-II

Sampling Design: Concepts of Sampling, Merits and Demerits of Sampling, Sample Size, Characteristics of a good sample, Methods of Sampling- Probability and Non-Probability Sampling.

Methods of Data Collection: Types of Data, Collections of Primary Data- Schedules, Questionnaire, Observation, Interview; Collection of Secondary Data; Reliability and Validity of Research Tools.

UNIT-III

Analyzing and Displaying Data: Classification and Tabulation of Data, Diagrammatic Representation, Analysis of Data, Generalization of Data.

Writing Research Report: Objectives and Importance, Characteristics of a Good Report, Content of Report, Problems of Preparing Report, Bibliography, and Summary.

UNIT-IV

Essential Statistics: Measures of central tendency (Mean, Median and Mode), Dispersion- Mean Deviation and Standard Deviation, Correlation, Regression, Lorenz Curve, Skewness, Moments and Kurtosis, Interpolation and Extrapolation.

COURSE OUTCOME:

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

1. Familiarise with the various aspects of the research process, framing useful research questions, research design, data collection, analysis, writing and presentation.
2. Discuss different methodologies and techniques used in research work; and assess the basic function and working of analytical instruments used in research.
3. Know about the different ways of data presentation as well as report writing.
4. Understand about the methods of statistical measurement of data.

MAPPING

Course Outcomes	1	2	3	4
Mapping of Course Content with Course Outcome	Unit I	Unit II	Unit III	Unit IV

Suggested Readings:

- Neuman, W. Lawrence (2014) : *Social Research Methods : Qualitative and Quantitative Approaches* (Seventh Edition), Pearson Education Limited, Edinburgh Gate, Harlow.
- Kumar, Ranjit (2011) : *Research Methodology: A Step-by-Step Guide for Beginners* (3rd edition), Sage Publication Ltd., London.
- Wallinman, N. (2006) : *Your Research Project: A Step-by-Step Guide for the First-Time Researcher*, Sage Publications, London.

[Signature]

[Signature]

- Kothari, C. R. (2006) : *Research Methodology: Methods & Techniques*, New Age Int. Pub., N Delhi.
- Singh, Yogesh Kumar (2006) : *Fundamental of Research Methodology and Statistics*, New Age International (P) Limited Publishers, New Delhi.
- Goode, W. J. and Hatt, P. K. (1982) : *Methods in Social Research*, McGraw-Hill, New York.
- Young, P. : *Scientific Social Surveys and Research*.
- Shukla & Sahay : *Statistical Analysis*, Sahitya Bhawan Publications, Agra (hindi)
- <https://mgkvp.ac.in/Uploads/Lectures/28/7464.pdf>
- <https://mgkvp.ac.in/Uploads/Lectures/28/6916.pdf>

AB

Shukla

**BA 4th Year, Sem. VII
(Theory)**

Year	Semester	Course Code	Page	Theory/Project	Credit	Max. Marks
1	1	MFC-105	Indian Economic Policy	Theory	4	100

COURSE OBJECTIVES:

Course Objectives

- Understand the evolution of India's economic planning and policy frameworks from independence to the present.
- Analyze major economic reforms and their impact on various sectors.
- Explore contemporary themes such as digital economy, climate finance, and inclusive growth.
- Examine fiscal, monetary, trade, and investment policies in the Indian context.
- Appreciate the relevance of Indian Knowledge Systems in shaping sustainable economic thought.

COURSE CONTENT

UNIT-I

Origin of Origin of planning in USSR and their outcome The Idea of planning in India: M Viresvaraya's view on planning for India National Planning Committee's recommendations on Indian Development, Various Economic plans in India Mahalanobis model of economic development and Structural changing Indian Economy Family planning and Demographic issues Appraisal of Five-Year Plans (1951-2014), Early population policy and Demographic issue

UNIT-II

Crisis in Indian Economy, Great policy departure: Economic Reform in India, Fiscal discipline, structural adjustment, Sectoral policies: Agriculture (MSP, Reform, Krishishashtra), Industry (MSMEs, Make in India, PLI), Services (IT, tourism, fintech), Human Development

UNIT-III

Macroeconomic stabilisation policy, Monetary policy, Fiscal policy, Exchange rate, Price policy, Trade policy, Tariff policy, Industrial policy, Public sector policy

UNIT-IV

NITI Aayog and -2014 planning, Digital economy, fintech regulation, startup ecosystem, Climate policy, green finance, innovation, Social inclusion: MGNREGA, Skill India, gender budgeting, GST, FRBM, act, budget trends, WTO, FTAs, FDI/FPI, Atmanirbhar Bharat

COURSE OUTCOME:

By the end of the course, students will be able to:

- 1 Explain key phases of India's economic development and planning history.
- 2 Critically assess post-1991 reforms and sectoral transformations.
- 3 Evaluate current economic strategies including digital, startup, and climate policies.
- 4 Interpret fiscal and monetary trends and their implications for growth.
- 5 Integrate traditional Indian knowledge with modern economic thinking for holistic development.

MAPPING

Course Outcomes	1	2	3	4&5
Mapping of Course Content with Course Outcome	Unit I	Unit II	Unit III	Unit IV

Suggested Readings:

- Arvind Panagariya – *India: The Emerging Giant*
- Bhagwati & Panagariya – *India's Tryst with Destiny*
- Government of India – *Economic Survey*
- NITI Aayog – *Strategy Documents*

- RBI & Ministry Reports – Fintech, climate finance
- UNDP – *Human Development Reports*
- G.S. Bhalla – *Social Sector in India*
- H.L. Bhatia – *Public Finance*
- RBI – *Monetary Policy Reports*
- Dominick Salvatore – *International Economics*
- IGNC & NCERT – *Indian Knowledge Systems Publications*

B.A. 4th Year, Sem. VIII

(Course: MEC-201, Compulsory/Theory)

Year	Semester	Course Code	Paper Title	Theory/Project	Credit	Max. Marks
1	II	MEC-201	Advanced Microeconomics-II	Theory	5	100

Course Outcome:

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

1. Analyze and demonstrate knowledge of numerical problems of Game Theory and Linear Programming.
2. Know about the concepts of general equilibrium and its application.
3. Understand about the Pareto optimum and its economic implications.
4. Know about the causes of market failure and its remedies.

TOPICS

UNIT-I

Theory of Games, Input Output Analysis, Linear Programming -graphical and simplex method.

UNIT-II

General Equilibrium Analysis: General Equilibrium of Exchange and Consumption, Transformation Curve, and Production; General Equilibrium and Initial Endowment.

Welfare Economics: An Introduction, the Concept of Social Welfare, Role of Value Judgements in Welfare Economics.

UNIT-III

Conditions of Pareto Optimality: The Concept of Economic Efficiency, Pareto Criterion of Social Welfare, Marginal Conditions of Pareto Optimum, Perfect Competition and Pareto Optimality, Fundamental Theorem of Welfare Economics, New Welfare Economics: Compensation Principle.

UNIT-IV

Grand Utility Possibility Frontier and Welfare Maximisation, Market Failure: Externalities and Public Goods, Theory of Second Best, Social Welfare Function and Theory of Social Choice.

Selected Readings:

- Ahuja, H.L.: Advanced Economic Theory, 21st Edition, 2017.
- Dominick, Salvatore, Principles of Microeconomics, Fifth Edition, OUP.
- Estrin Saul, Laidler David, David E.W. Laidler, Michael Dietrich, Microeconomics
- Henderson, James M. & Quandt, Richard E.: Microeconomic Theory
- Koutsoyiannis, A.: Modern Microeconomics
- Mankiw, N. Gregory, Principles of Microeconomics, Cengage Learning.
- Mankiw, G, Macroeconomics: Theory and Practices, Harvard Publication (Latest Impression)
- Lipsey Richard G., Courant Paul N. Christopher, Ragan, T. S.: Microeconomics
- Misra, S. K. & Puri, V.K.; Microeconomics: Theory and Applications
- Mukherjee, Sampat: Modern Economic Theory
- Schaum's Outline of Microeconomics, (Schaum's Outline Series)
- Stonier, Alfred W. & Hague, D.C.: A Textbook of Economic Theory
- Varian, Hal R.: Microeconomic Analysis

Signature

B.A. 4th Year, Sem. VIII

(Course: MEC-202, Compulsory/Theory)

Year	Semester	Course Code	Paper Title	Theory/Project	Credit	Max. Marks
1	II	MEC-202	Advanced Macroeconomics-II	Theory	5	100

Course Outcome:

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

1. Learn and understand theories of money and prices.
2. Know about the various approaches of demand for money as well as supply of money.
3. Understand the monetary management of central bank.
4. Familiarise with different theories of interest and its determinants.

TOPICS

UNIT-I

Theories of Money and Prices: measurement of the value of money; index numbers: types, construction of index numbers; the quantity theory of money, income theory of money, liquidity theory of money, real balance effect; inflation: types of inflation, social cost of inflation, Phillips curve: origins of the Phillips curve, The trade-off between inflation and unemployment: demand side inflation versus supply side inflation, supply side inflation and the collapse of the Phillips curve, Inflationary expectations and the Phillips curve, The theory of rational expectations, dilemma of demand management, attempts to reduce natural rate of unemployment.

UNIT-II

The Demand for Money: the classical, Keynes, and modern view on the demand for money, the neo-classical theory, post-Keynesian approach, Friedman's approach, Baumol's Inventory theoretic approach, Tobin's portfolio selection model, Gurley and Shaw approach, empirical evidences.

The Supply of Money: The origins of the money supply, composition of money supply: RBI measures of money supply: money stock measures, sources of money stock (M_3), monetary aggregates: components and sources; liquidity aggregates, reserve money: components and sources; different approaches regarding measures of money supply, high powered money, money multiplier process, determinants of money multiplier; credit creation by commercial banks, cryptocurrency basics.

UNIT-III

Monetary Policy: The Reserve Bank of India: function, objectives, instruments of credit control; objectives of monetary policy, credit and monetary policy in India, banking and finance sector reforms in India.

UNIT-IV

Theories of Interest: early views, pre-classical views, classical theory of interest, neo-classical theory of interest, Keynes' liquidity preference theory of interest, indeterminate theory of interest, Neo-Keynesian or modern theory of interest; IS-LM model: the goods market and the IS curve, the money market and the LM curve.

Selected Readings:

- Branson: Macroeconomics Analysis
- Economic Survey 2018-19, Government of India, OUP.
- G. Ackley: Macroeconomics Theory and policy (latest edition)
- Gupta, Suraj B. Monetary Economics: Institutions, Theory and Policy, S. Chand Publishing, New Delhi.
- N. Gregory Mankiw: Macroeconomics, worth publishers.
- Rudiger Dornbush and Stanley Fisher, Richard startz: Macroeconomics, Tata McGraw-Hill, Publishing company Ltd., New Delhi.
- Seth, M. L. Monetary Economics, Lakshmi Narain Agrawal, Agra
- Vaish, M.C. Monetary Theory, Vikas Publishing House Pvt. Ltd, Noida.
- William J Baumol, Alan S. Blinder, Macroeconomics: Theory and Applications, Cenage Learning.
- Cauvery, R; Kruprani, N. et al. Monetary Economics, S. Chand Publishing, New Delhi.

Signature

Year	Semester	Course Code	Paper Title	Theory/Project	Credit	Max. Marks
1	II	MEC-203	International Economics	Theory	5	100

Course Outcome:

After completing this course, students will be able to:

1. Understand the nature and application of different theories of international trade.
2. Know about the new theories of international trade as well as relationship between economic growth and trade.
3. Analyse the trade barriers and different variable of trade.
4. Understand the foreign exchange market and exchange rate management as well as various issues related with international trade.

TOPICS**UNIT-I**

Resources, Comparative Advantage, and Income Distribution: Absolute and comparative cost theory, refinements of comparative cost theory, Haberler's opportunity cost theory, Heckscher-Ohlin theorem and its extensions, empirical testing of comparative costs and the Heckscher-Ohlin theorem, Leontief paradox, Metzler paradox, Mill's theory of reciprocal demand,

UNIT-II

New Theories of International Trade: Intra industry trade, Neo-Heckscher-Ohlin model, Krugman Model of Intra-industry trade, Neo-Hotelling model, Linder's Theory of Volume of Trade and Demand Pattern, Technological Gap and product cycle models; transportation costs and international trade, Kravis' availability and non-availability theory, Kenen's theory of human capital, Emmanuel's theory of unequal exchange.

Economic Growth and International Trade: Effect of growth on trade, the Rybczynski theorem; Growth and trade: small country and large country case, immiserizing growth, growth, changes in trade and trade in both nations; Prebisch-Singer thesis, vent for surplus theory.

UNIT-III

Terms of Trade: Meaning, types and limitations, terms of trade and economic development.

International Trade Policy: meaning and classification of tariffs, effects of tariff, effective rate of protection, optimum tariff: meaning, measurement.

Non-Tariff Trade Barriers: Meaning, classification, effects of import quotas, political economy of protectionism.

Exchange control: meaning, methods, advantages and disadvantages.

Economic Integration: meaning, types, merits and demerits, Customs Union Theory- Partial and General Equilibrium.

UNIT-IV

Balance of Payments: Meaning, national income accounting and the balance of payments, adjustment mechanisms in the balance of payments: Automatic adjustment mechanisms and policy adjustment mechanisms, direct controls, the cost of adjustments.

Foreign Exchange Market and Exchange Rate: Meaning, transactions in the exchange market, foreign exchange swap and currency swap, equilibrium in the foreign exchange market.

Exchange Rate Determination: purchasing power and parity theory, balance of payments theory, monetary approach, portfolio balance approach. Price level and exchange rate in the long run, output and exchange rate in the short run.

Issues of International Trade: International Commodity Agreements, International Cartel, New International Economic Order, Optimum Currency Area, World Trade Organisation.

Selected Readings:

- Bo Sodersten, Geoffrey Reed, International Economics, Publisher: Palgrave Macmillan, 1999.
- Dennis Appleyard, Alfred F. Jr, International Economics: Trade Theory and Policy, McGraw-Hill UK
- Jhingan, M.L.: International Economics, Vrinda Publication, Delhi.
- Jitendra Lal Borjakoti, International Trade: Causes and Consequences, Palgrave Macmillan, 1998.
- Salvatore, Dominick, International Economics, John Wiley
- Swami, K.D.: International Economics, Scientific Publications, Jodhpur.

Ashtang

AGRICULTURAL ECONOMICS

Course Code: MEC-204

Course Credit: 4

Course Outcome:

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

1. Know about the forward and backward link ages agriculture and economic development.
2. Discuss the various issues agricultural price policy.
3. Familiarise with the crop pattern and food security.
4. Understand the changing paradigm of agricultural sector in post-independence India

UNIT-I

Agriculture and Economic Development: Inter-relationship between Agriculture and Industry, Approaches to Agriculture Development- Lewis and Ranis-Fei, Schultz and Mellor, Inter-Regional Disparities in growth of production and productivity in Indian agriculture, Pattern and composition of change in Exports and imports of agricultural commodities, WTO and Agreement on Agriculture.

UNIT-II

Marketing Structure: Agricultural Marketing, APMC, Marketed and market able Surplus, MSP, Inter-sectoral Terms of Trade and their impact on agriculture, Role of Subsidies, Agricultural Price Policy in India, E-NAM, Cobweb theorem.

UNIT-III

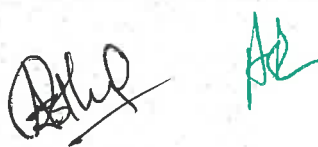
Issues in Agricultural Development: Green revolution, Land Reforms, Technical change in agriculture, Agricultural production function, farm size, Irrigation, Rural Wage differentials Rural Indebtedness, Sources of Agricultural finance, Capital formation in Indian Agriculture, Public and Private Investment, crop insurance.

UNIT-IV

Current issues in Indian Agriculture: Conventional farming and Sustainable farming, Approaches to Sustainable Agriculture, Diversification of agriculture: plantation and Horticultural Produce, livestock, Poultry and Fishery etc in India, Policies related to agriculture sector.

Suggested Readings:

- AlagY.K. Globalisation and Agriculture Crisis in India, Deep and Deep Publications
- Bilgrami S.A.R. An Introduction to Agricultural Economics, Himalaya Publishing House
- Kumar.Sanjeev.Crop Diversification and Food Security in India, Mittal Publications
- Lekhi R.K., & Joginder Singh, Agricultural Economics, Kalyani Publishers
- Meier Gerald M.L. Leading Issues in Economic Development, Oxford University Press
- Mellor, John, Agricultural Development and Economic Transformation, Palgrave Macmillan
- Misra Roli. Agricultural Growth and Terms of Trade in India Since 1951 by Kunal Books
- Sadhu A. Nand Singh Amarjit, Fundamentals of Agricultural Economics, Himalaya Publication House



BA 4th Year, Sem. VIII
POPULATION STUDIES

Course Code: MEC - 205A

Course Credit: 4

Course Outcome:

After completing this course, students will be able to:

1. Understand the basics of demography and the theories of population.
2. Familiarise with various methods of measurement of vital statistics.
3. Grasp clear understanding of the inter-relationship between population growth and economic development.
4. Understand the census of India and characteristics of Indian population.

UNIT-I

Introduction to Demography: Historical background of Population Studies in India, Nature and Scope and Importance of population Studies, Relation of population studies with other disciplines, Basic Demographic Concepts.

UNIT-II

Theories of Population: Malthusian and Neo-Malthusian, Optimum theory; Theory of Demographic Transition, Biological Theories and Sociological Theories of Population, Economic Theories of fertility: Easterlin, Leibenstein, Caldwell, Theories of Migration: Ravenstein, Lee's theory, Michal Todaro.

UNIT-III

Methods of Demographic Analysis: Fertility and Nuptiality, Mortality, Morbidity, Life table, complete and abridged and their construction, Population Pyramid, Demographic Dividend, Population Projection.

UNIT- IV

Population and Economic Development: Population as a resource and Population pressure on the resource, Population and Environment, Urbanization, Unemployment, Migration, Population Ageing,

Suggested Readings:

- Agarwala S.N. India's Population Problem, Tata Mc-Graw- Hill Co., Bombay.
- Bhende, Asha A. and Tara Kanitkar, Principles of Population Studies, Himalaya Publishing House, Mumbai
- Bose, A., India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi
- Bogue, D.J., Principles of Demography, John Wiley, New York
- Bose, Ashish: India's urbanization 1901-2001-2nd Ed New Delhi, Tata McGraw Hill, 1978
- Chaubey, P.K., Population Policy in India, Kanishka Publications, New Delhi.
- National Family Health Survey-reports for India and different States of India) Government of India and International Institute for Population Sciences, Mumbai
- National Population Policy 2000, Government of India, New Delhi
- Malthus, T.R.: *An Essay on the Principle of Population*, J. Johnson in St Paul's Church-Yard, London, 1798.
- R.K. Mukherjee: *The Political Economy of Population*, Longmans, Green & Co. Ltd., Bombay, 1942.
- Sen, R.P.: *Demographic Changes and Levels of Living*, Daya Publishing House, Delhi, 1989.



BA 4th Year, Sem. VIII
INDUSTRIAL ECONOMICS

Course Code: MEC – 205 B

Course Credit : 4

Course Outcome:

After completing this course, students will be able to:

1. Understand the inter linkages of industry and economic development.
2. Familiarise with the concept of organisation and different financial ratios.
3. Know about the various dimensions of industrial economics.
4. Analyse the concept of diversification, merger and acquisition as well as investment and pricing decisions.

UNIT-I

Industry and Economic Development: Mean in go find ustrialization, role of industrialization, pattern of industrialization, agriculture and industrialization, factors inhibiting industrialization, classification of industry.

Industrial Efficiency: Concept of plant, firm, optimum firm, equilibrium firm, industry, economies of scale. Concepts and measurement of industrial efficiency and profitability, determinants of economic efficiency, measurement of the efficiency levels, some efficiency conditions in the theory of production, efficiency and decision-making process.

UNIT-II

The Organisational Form and Alternative Motives of the Firm: Types of organisation form: characteristics, limitations choice of the organizational form, business motives.

The Analysis of Financial Ratios and Relationships: Classification and description of the ratios: structural ratios, profitability ratios, liquidity ratios, activity ratios, limitations of ratio analysis, inter-relatedness of financial ratios, the break-even analysis, the application of break-even analysis in financial management.

UNIT-III

International Dimensions of Industrial Economics: Bases of international trade, firms, market, and international trade; protection and Domestic market power, multinational enterprises, dumping, imperfect competition and international trade: trade based on product differentiation, intra-industry trade, measuring of intra-industry trade, costs of transportation and non-traded commodities, costs of transportation and the location of industry, environmental standards, industry location, and international trade.

UNIT-IV

Diversification, Merger and Acquisition: Meaning, motives for diversification, vertical integration and merger, measurement approaches.

Investment Decisions: The nature and type of investment decisions, preparation of time-profile of a project, methods of project evaluation, risk and uncertainties in project appraisal, replacement decision, inventory investment, market investment.

Pricing Decisions: Theoretical pricing model, pricing in practice, transfer pricing, pricing in public enterprises, empirical evidence on pricing.

Suggested Readings:

- Barthwal, R.R., Industrial Economics: An Introductory Textbook. New Age International (P) Limited, Publishers. New Delhi.
- Cherunilam, F. Industrial Economics: Indian Perspective. Himalaya Publishing House, Mumbai.
- Desai, B. Industrial Economy in India. Himalaya Publishing House, Mumbai.
- Divine, P.J.; R.M. Jones. An Introduction to Industrial Economics. George Allen and Unwin Ltd. London.
- Hay, D.; D. Morris. Industrial Economics: Theory and Evidence. Oxford University Press, New Delhi.
- Seth, Ranjana. Industrial Economics, Ane Books Pvt. Ltd. New Delhi.



BA 4th Year, Sem. VIII

Year	Semester	Course Code	Paper Title	Theory/Project	Credit
2	III	MEC-205C	Regional Economics	Theory	4

Course Outcome:

After completion of this course, Students will be able to:

1. Understand the basic concepts of regional economics.
2. Familiarise with the theories concerned with regional disparity and their remedial measures.
3. Understand the issues of regional planning.
4. Familiarise with the economy of Uttar Pradesh and various aspects of regional development.

TOPICS

UNIT-I

Regional Economics- Concept and types of regional economics, Balance Regional economic development, Regional Planning for balance social and economic development, Economies of scale and industrial agglomeration, Agro-climatic Planning.

UNIT-II

Theories of regional economic growth; Neoclassical models – Dualistic models: Social dualism –Labour surplus model of Arthur Lewis, Migration and development-Todaro's Model of Rural-Urban Migration and Unemployment.

Federalism and Economic Growth:Theory of Federalism, Division of Sources of Revenue between the Central and State Governments with Special Reference to Indian Adjusting Mechanism, Problems of Resources Mobilization at the Regional Level. Importance of Regional Economics for Developed and Backward Economy, problems of backward economy. Regional Disparities in India- causes of Regional Disparities, Unemployment- disguised and Educational, problems of Poverty. Government plans for Reducing Regional Disparities and improve of Socio-economic Development.

UNIT-III

Regional planning- Need, Objective and strategy, Utilization of Natural Resources- water, minerals, forest and Human resources. Sustainable development in India - Eco-friendly design Methodology, Green growth and development.

Decentralization of planning- Structure of Decentralized Planning, State planning commission, district planning commission- an Analytical approach.

UNIT-IV

Infra-structure in Uttar Pradesh- Energy, Transportation, Health, housing and Education. Growth and structure of Industries in Uttar Pradesh- small Scale and cottage Industries- importance and development, Micro finance institutions-(MFIs), SHG- Bank linkage programme (SBLP), skill development programmes and Rural agro- based industries.



Selected Readings:

- B.B. Bhattacharya and S.Sakthivel (2004): Regional Growth and Disparity in India: Comparison of Pre- and Post-Reform Decades, Economic and Political Weekly, 39(10), pp. 1071-1077.
- Capello Roberta.(2016). Regional Economics. Routledge (NewYork).
- Edgar M. Hoover and Frank Giarratani. (2016). An Introduction to Regional Economics. Web-book of Regional Science, Regional Research Institute, West Virginia University. (Freely downloadable at: <http://www.rri.wvu.edu/WebBook/Giarratani/contents.htm>)
- Harry W Richardson (1969): Regional Economics: Location theory, Urban structure and regional change. Weidenfeld & Nicolson (London)
- Harry W Richardson(1973): Regional Growth Theory, Macmillan.
- Harry W. Richardson.(1970).Elements of Regional Economics.Pengu in Books (NewYork).
- Hoover, Edgar Malone Giarratani, Frank - An Introduction To Regional Economics- Knopf, New York.

