



SNDT Women's University, Mumbai

Undergraduate Degree / UG
Programme (Syllabus as Per NEP) -
Faculty of Humanities

AEDP BA ECONOMICS
As Per NEP – 2020

Semester – III to VI Syllabus
(W.E.F. Academic Year 2025-26)

BA ECONMICS AEDP SEM III TO VI

SN	Courses	Type of Course	Credits	Marks	Int	Ext
	Semester III					
30110611	Theory of Value	Major (Core)	4	100	50	50
30110612	Economics of Development	Major (Core)	4	100	50	50
30110613 OR 30110614	International Economics (OR) Statistical Techniques in Economics	Major (Core)	4	100	50	50
30310611	Basic of Economics	Minor Stream	2	50	0	50
30410611	Economy of Maharashtra	OEC	2	50	0	50
3.6		AEC (Modern Indian Language)	2	50	50	0
30110605 OR 30110606	Economics of Labour (OR) Data Analysis in Economics	Major Core	2	50	50	0
3.8		CC	2	50	50	0
			22	550	300	250
	Semester IV					
40110611	Theory of Distribution and Welfare Economics	Major (Core)	4	100	50	50
40110612	Public Finance	Major (Core)	4	100	50	50
40310611	Introduction to Micro Economics	Minor Stream	4	100	50	50
40410611	Indian Economic Policy	OEC	2	50	0	50
40710611	Socio-Economic Survey	SEC	2	50	0	50
4.6		AEC (Modern Indian Language)	2	50	0	50
40310602	Indian Economy: Issues and Policies	Minor Stream	2	50	50	0
4.8		CC	2	50	50	0
			22	550	250	300

Exit with UG Diploma with 4 extra credits (44 + 4 credits)

SN	Courses	Type of Course	Credits	Marks	Int	Ext
	Semester V					
50110611	Theory of Employment	Major (Core)	4	100	50	50
50110612	Research Methodology in Economics	Major (Core)	4	100	50	50
51010611	Indian Economic Thoughts	IKS (Major Specific)	2	50	0	50
50310611	Money and Banking	Minor Stream	4	100	50	50
50310612	Public Finance and International Trade	Minor Stream	4	100	50	50
50610601 OR 50610602	Taxation OR Environmental Economics	VSC-4	2	50	50	0
50110603 OR 50110604	Industrial Economics (OR) Economics of Media	Major (Core)	2	50	50	0
			22	550	300	250
	Semester VI					
			Credits	Marks	Int	Ext
61210621	Apprenticeship		20	500	250	250
61510621	Community engagement in Economics (CE)		2	50	0	50
			22	550	250	300

Course Syllabus

Semester :III

Major (Core)

Course Title	Theory of Value
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Summarize the concepts of microeconomics, cardinal and ordinal utility in demand analysis.
	2. Appraise the indifference curve and revealed preference theories of demand.
	3. Analyze elasticity of demand and the concepts of consumer's surplus.
	4. Explain theory of production relating to short run and long run.
5. Calculate cost and revenue concepts with numerical examples.	
Module 1(Credit 1)	Consumer Behavior
Learning Outcomes	After learning the module, learners will be able to
	1.Know the utility concepts and indifference curve approach to demand. 2.Analyze the revealed preference theory as the behaviourist approach to demand.
Content Outline	1.1 Concept and importance of micro economics. 1.2 Concept of cardinal and ordinal utility: Differences. 1.3 Law of diminishing marginal utility with assumptions. 1.4 Indifference curve approach: Properties, Price line and changes in price line, consumers' equilibrium. 1.5 Price effect, income effect, substitution effect and derivation of demand curve from PCC (Price Consumption Curve). 1.6 Samuelson's approach to Revealed preference theory of demand.
Module 2(Credit 1)	Elasticity of Demand and consumer's surplus
Learning Outcomes	After learning the module, learners will be able to
	1.Define and analyze the concepts of consumer's surplus. 2.Interpret various of elasticity of demand and their types.
Content Outline	2.1 Concept of consumer's surplus in Marshallian and Hicks approach. 2.2Price Elasticity of demand: meaning, types and measurement of price elasticity of demand (point method). 2.3 Uses and limitation of price elasticity of demand. 2.4 Income elasticity of demand: Meaning and types. 2.5 Meaning and measurement of cross elasticity of demand.
Module 3(Credit 1)	Theory of Production
Learning Outcomes	After learning the module, learners will be able to
	1.Describe the production function and explain the laws of production in short-run and long-run. 2.Explain the iso-quant and iso-cost line and producer's equilibrium.
Content Outline	3.1 Production functions: short run and long run. 3.2 Law of variable proportions;

	3.3 Iso-quants and iso-cost line: Characteristics of iso-quant. 3.4 Least cost combination of inputs (producer's equilibrium). 3.5 Law of return to scale. 3.6 Economies and Diseconomies of scale.
Module 4(Credit 1)	Revenue & Cost Concepts
Learning Outcomes	After learning the module, learners will be able to 1.Determinethe types of costs used in short run and to derive the LAC curve from SAC. 2.Explain the various concepts of revenue used in the theory of firm.
Content Outline	4.1Concept of Cost: Social and Private Costs, Economic and Accounting Costs, Opportunity Cost, Implicit and Explicit Cost. 4.2 Cost analysis: Short run and long run cost curve: TC, TFC, TVC and average cost curves. Relation between AC and MC. 4.3 Derivation of LAC curve: U-shaped and L-shaped . 4.4 Revenue: Concept of revenue, , Total Revenue, Average revenue & Marginal Revenue in different markets with hypothetical numerical illustrations and derivation of curves.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- (Any two activities of any two modules are compulsory)

Module No.	Example	Marks
1	Demonstrate the derivation of demand curve using PCC (Price Consumption Curve) with graphical illustrations	25
2	Calculate price elasticity of demand using the point method and solve hypothetical problems related to cross and income elasticity.	25
3	Explore real-world examples of economies and diseconomies of scale.	25
4	Create hypothetical scenarios to demonstrate and calculate U-shaped and L-shaped LAC curves.	25
	Total	50

References:-

1. Ahuja H. L. (2022), Advanced Economic Theory, S.Chand & Co.UP.
2. Ahuja H L, (2023) Microeconomics, 23rd Edition ,S Chand & Company
3. Ahuja H.L. (2015) Modern Micro Economics theory and applications, S.Chand publication, Delhi
4. Adam Smith (2017), Wealth of Nation (Revised Edition by S.Chand Publication) Delhi
5. Robert H Frank and Ben. S.Bernanke 2018, Principle of micro economics, MC Graw Hill Education Delhi
6. Dorbusch Rudiger & Fisher stanlay, (2003) , Micro-Economics-,TATA Mcgraw hill, Meerat
7. MukharjeeSampat,(2009) , Principles of Micro-Economics-. New Central Book Agerey Kolkata
8. MukarjeeMukarjee& Ghosh (2003), Micro- Economics, Prentice-Hall of India Pvt. Ltd. New Delhi.
9. Mishra and Puri, (2021) Microeconomics,37th Edition Himalaya Publication
10. Patra S C, (2016) Business Economics, S .Chand & Company.

11. Sudhorama K.P.M. &Sudharama (2007) ,Micro-Economics, Sulatan Chand & Sons ,E.N.New Delhi.
12. झामरे जी.एन. २०१३ - सुक्ष्म अर्थशास्त्रीय विश्लेषण- पिंपळापुरे आणि कंपनी प्रकाशन
13. रायखेलकर आणि दामाजी बी.एच . २००९ सूक्ष्म र्थशास्त्र - विद्या बुक्स पब्लिशर्स, औरंगाबाद.
14. राजपूत करमसिंग आणि भांडवलकर राजेंद्र २०१० सूक्ष्म अर्थशास्त्र - अंशुल प्रकाशन, नागपुर
15. चव्हाण एन. एल आणि राणे आर. डी. २००९ सूक्ष्मलक्षी अर्थिक विश्लेषण भाग-१- प्रशांत पब्लिकेशन,जळगाव.
16. रसाळ राजेंद्र अ २००९ सूक्ष्म आर्थिक विश्लेषण भाग-१- सक्सेस प्रकाशन,पुणे
17. रसाळ राजेंद्र अ २००९ सूक्ष्म आर्थिक विश्लेषण भाग-२- सक्सेस प्रकाशन,पुणे
18. देशमुख राम-२०१२ सुक्ष्म अर्थशास्त्र- विद्या प्रकाशन,पुणे
19. ढमढेरे एस. व्ही.आणि पवार ए २०१४ सुक्ष्म अर्थशास्त्रीय विश्लेषण एम.डायमंड प्रकाशन,पुणे
20. पाटील एस. डी. / तायडे एल. एन. २०१४ उच्चतर सुक्ष्म अर्थशास्त्र -अथर्व प्रकाशन, जळगाव
21. रायखेलकर ए.एच.आणि दामाजी बी .आर. २०१३ सुक्ष्म अर्थशास्त्र- विद्या बुक्स पब्लिशर्स, औरंगाबाद
22. आहुजा एच एल २०१० प्रगत सूक्ष्म आर्थिक सिद्धांत , एस.चंद एंड कंपनी लिमिटेड मुंबई।

Semester : III**Major (Core)**

Course Title	Economics of Development
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Compare the concept and measurement of economic development.
	2. Evaluate different theories of economic development.
	3. Analyze various issues and strategies of economic development.
	4. Examine the role of different sectors in economic development.
Module 1(Credit 1)	Concept and Measurement of Economic Development
Learning Outcomes	After learning the module, learners will be able to
	1.Comment the basics of growth and development including its measurement and related concepts.
	2. Identify and explain the various factors affecting economic development.
Content Outline	1.1-Concept of Economic Growth and Development: Distinction between growth and Development. 1.2 Factors affecting Economic Development- Economic &Non-Economic Factors. 1.3 Characteristics of developed and Developing Countries. 1.4 Measurement of Economic Development: PQLI, HDI, Green GDP, Gender Related Development Index. 1.5 Concept of Sustainable Development and sustainable development goals.
Module 2(Credit 1)	Theories of Economic Development
Learning Outcomes	After learning the module, learners will be able to
	1.Evaluate various theories of economic development.
	2.Compare different theories in the development economics.
Content Outline	2.1 Adam Smith's theory of economic development. 2.2 Schumpeter's theory of Economic Development. 2.3 'Big Push' theory of Economic Development. 2.4 Balanced Growth Approach. 2.5 Unbalanced Growth Approach.
Module 3(Credit 1)	Issues and Strategies for Economic Development
Learning Outcomes	After learning the module, learners will be able to
	1. Appraise different issues relating economic development.
	2.Infer the concepts of poverty, inequalities and unemployment.
Content Outline	3.1 Concept of poverty: types, causes and measures. 3.2 meaning and measurement of multi-dimensional poverty index. 3.3 Meaning and causes of unemployment and measures to reduce unemployment. 3.4 Concept of inequality: meaning, causes and measures. 3.5 Concept of Lorenz curve and Gini coefficient.
Module 4(Credit 1)	Sect oral Views of Economic Development

Learning Outcomes	After learning the module, learners will be able to
	1.Relate the role of agriculture, industry, service and infrastructure in economic development.
	2 Explain the importance of International Trade in economic development.
Content Outline	4.1 Relevance of Agriculture in economic development. 4.2 Role and significance of industrial sector in economic development. 4.3 Contribution of Service sector in economic development. 4.4 Foreign trade as engine of economic growth. 4.5 Role and importance of infrastructure in economic development.

Assignments/Activities towards Comprehensive Continuous Evaluation

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Analyze the factors affecting economic development (economic and non-economic) using case studies.	25
2	Create a table comparing Adam Smith's, Schumpeter's, 'Big Push', Balanced Growth, and Unbalanced Growth theories.	25
3	Present policy solutions for reducing unemployment in a fictional country based on its economic data.	25
4	The importance of infrastructure development in economic growth.	25
	Total	50

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- Ahuja, H. L. (2015) Economics of Development, S. Chand Publication New Delhi.
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14. Ray, Debraj (2008) Development Economics, Delhi: Oxford University Press.
15. Seshadri, B. (2012) Industrialization and Regional Development, New Delhi: Concept Publishing Company.
16. Shanmugam, K.R., Kavi, K.S. (2016). Environment and Development New Delhi: Sage Publishing Pvt.
17. Singh, Lekhwinder, Joshep, K.J., Johnson, Daniel K.N. (2015) Technology, Innovation and Economic Development, New Delhi: SAGE publishing Pvt.
18. Somashekar(2003) Development and Environmental Economics, New Delhi: New Age International Publishers
19. Thakur K. (2008) Economic Development in India, Jaipur, Book Enclave
20. डॉ. जोत्सना देशपांडे, २०११ विकासाचे अर्थशास्त्र-पिंपळापुरे & पब्लिशर्स, नागपूर.
21. डॉ. वसुधा पुरोहित, २०१४ विकासाचे अर्थशास्त्र-विद्या बुक्स पब्लिशर्स, औरंगाबाद
22. पुरोहित वसुधा २०१४ विकासाचे अर्थशास्त्र- विद्या बुक्स पब्लिशर्स, औरंगाबाद
23. ढमढेरे एस. व्ही. / मगर एस. के./ तुपे संजय २०१५ आर्थिक विकास आणि नियोजन, डायमंड पब्लिकेशन, पुणे
24. पाटणे आर .एम. २०११ विकासाचे अर्थशास्त्र, शार्प प्रकाशन, पुणे

Semester: III
Major (Core) OR

Course Title	International Economics
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Explain the nature, scope, and significance of international economics in a globalised environment.
	2. Analyze classical and modern theories of international trade and evaluate their relevance in the present global context.
	3. Explain the different types of gains from trade and interpret the various concepts and measures of terms of trade.
	4. Evaluate instruments of trade policy including tariffs, non-tariff barriers, free trade, protectionism, and international trade agreements.
5. Examine the components of Balance of Payments, analyse causes of disequilibrium, and understand exchange rate systems and currency convertibility.	
Module 1(Credit 1)	Introduction to International Economics and Trade Theories
Learning Outcomes	After learning the module, learners will be able to
	1) Explain how international economics differs from domestic economics. 2) Illustrate the effect of factor endowments on trade patterns and the role of reciprocal demand in determining international prices.
Content Outline	1.1 Nature, scope, and significance of International Economics, Difference between Inter-regional vs international trade 1.2 Classical theories: Absolute Advantage and Comparative Advantage 1.3 Modern theory: Heckscher–Ohlin (H–O) Model 1.4 Reciprocal demand and equilibrium terms of trade
Module 2(Credit 1)	Gains from Trade and Terms of Trade
Learning Outcomes	After learning the module, learners will be able to
	1)Distinguish between static and dynamic gains from trade. 2)Compute different measures of terms of trade and evaluate policy implications of terms of trade.
Content Outline	2.1 Static and dynamic gains from trade 2.2 Trade as engine of economic growth 2.3 Concepts of terms of trade 2.4 Measurement: Barter terms of trade, Income terms of trade, Single factoral terms of trade, Double factoral terms of trade
Module 3(Credit 1)	Policy of International Trade
Learning Outcomes	After learning the module, learners will be able to
	1) Identify and explain various trade policy instruments and the economic impact of tariffs and NTBs. 2) Evaluate bilateral and multilateral trade agreements and assess implications of free trade and protectionism
Content Outline	3.1 Free trade vs protection: merits and demerits 3.2 Tariff: concept, types, and economic effects 3.3 Non-tariff barriers (NTBs): meaning and types and optimum tariff, 3.4 Quotas: types and effects and regional trade blocs.
Module 4(Credit 1)	Balance of Trade, Balance of Payments & exchange rate system
Learning Outcomes	After learning the module, learners will be able to

	1) Explain the construction and components of BOT and BOP.
	2) Analyze the causes, effects and methods of correcting of BOP disequilibrium.
	3) Compare different exchange rate systems and understand the PPP theory.
Content Outline	4.1 Balance of Trade and balance of Payments, components 4.2 Causes and effects of BOP disequilibrium and methods of correcting BOP: monetary & non-monetary 4.3 Exchange rate systems: Fixed, Flexible, Purchasing Power Parity (PPP) Theory 4.4 Currency convertibility – partial and full convertibility of rupee

Assignments/Activities towards Comprehensive Continuous Evaluation

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Importance of the study of international economics	25
2	Trade as engine of economic growth	25
3	Free Trade and Protection	25
4	Consequences of disequilibrium in balance of payments	25
	Total	50

References:

1. Jhingan, M.L. (2012) International Economics, New Delhi: S. Chand Publication.
2. Karim, Koshteh MH) and Salarpour Mashallah (2012) International Trade Reforms and Iranian Economy, Delhi: Serial Publication.
3. Krugman, Paul & Maurice Obstfeld (2015) International Economics: Theory and Policy, Delhi: Pearson Education.
4. Marrewijk, Charles (2010) International Economics Theory, Application and Policy, Oxford University Press
5. Mithani D.M. (2015) International Economics, New Delhi: Himalaya Publishing House
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7. Sodersten, Bo (1991), International Economics, London: Macmillan Press Ltd.
8. Thompson, Henry (2006) International Economics: Global Markets and Competition, USA: World Scientific Publishing
9. ढगे एस. के., २०१५ आंतरराष्ट्रीय अर्थशास्त्र- के.एस.प्रकाशन,पुणे
10. ढमढेरे एस. व्ही.,२०१० आंतरराष्ट्रीय अर्थशास्त्र,डायमंड्स बुक डेपो,पुणे
11. ढमढेरे एस. व्ही. आणि तुपे संजय,२०१५आंतरराष्ट्रीय अर्थशास्त्र- डायमंड्स बुक डेपो पुणे
12. महाजन धनश्री,२०११आंतरराष्ट्रीय अर्थशास्त्र- विद्या बुक्स पब्लिशर्स, औरंगाबाद
13. पैठणकर आर.जी., धामधेरे एस .एन.आणि कांबळे एम .व्ही.२००६ आंतरराष्ट्रीय अर्थशास्त्र- डायमंड्स बुक डेपो,पुणे.
14. टकले दिनकर, खंडारे विलास आणि खंडारे भारत २००५ आंतरराष्ट्रीय अर्थशास्त्र- कैलास प्रकाशन, औरंगाबाद

15. चव्हाण एन .एल.२००५ आंतरराष्ट्रीय अर्थशास्त्र- प्रशांत प्रकाशन,जळगाव
16. प्रा. सुनीलतांबे / प्रा. सावंत, आंतरराष्ट्रीयअर्थशास्त्र, 2021 निराली प्रकाशन, पुणे
17. प्रा. बेळे – आंतरराष्ट्रीय अर्थशास्त्र- फडके प्रकाशन, कोल्हापूर
18. देवझामरे आंतरराष्ट्रीय अर्थशास्त्र- पिंपळपुरे अँड कंपनी पब्लि. नागपूर
1. आहूजा, एच .एल .2017 *अंतरराष्ट्रीय अर्थशास्त्र .*एस.चंद एंड कंपनी लिमिटेड मुंबई।
19. गुप्ता, एस .पी.2014. *अंतरराष्ट्रीय आर्थिक संबंध .*साहित्य भवन।
20. जैन, टी .आर .2016. *अंतरराष्ट्रीय अर्थशास्त्र हिंदी माध्यम .*वी .के .पब्लिकेशन्स। नई दिल्ली
21. मिश्र, एस .के., एवंपुरी, वी .के .2018. *अंतरराष्ट्रीय अर्थशास्त्र .*हिमालय पब्लिशिंग हाउस।
2. साल्वाटोर, डी 2016 अंतरराष्ट्रीय अर्थशास्त्र *हिंदी संस्करण. एस.चंद एंड कंपनी लिमिटेड मुंबई।
22. वैष्णव, आर .के .2015. *अंतरराष्ट्रीय व्यापार एवं वित्त .*राजस्थान हिंदी ग्रंथ अकादमी।
23. रमेशशाहअनेडीटी. वाड्डावावा २०१६, आंतरराष्ट्रीयअर्थशास्त्र, युनिवर्सिटीग्रंथनिर्माणबोर्ड, गुजरात

Semester : III
Major (Core)

Course Title	Statistical Techniques in Economics
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Describe and discuss the key terminology, concepts, tools, and techniques used in statistical analysis.
	2. Interpretation and evaluation of numerical and quantitative issues in Economics.
	3. Compute correlation and regression coefficients between two variables in research.
	4. Illustrate the various techniques of data analysis, trend analysis, and forecasting prediction.
Module 1(Credit 1)	Introduction of Statistics, Measures of Central Tendency
Learning Outcomes	After learning the module, learners will be able to
	1)Recall the basic concept of Statistics and its significance.
	2)Demonstrate the graphical Presentation skill.
	3)Solve problems associated with: Arithmetic Mean, Median, and Mode for grouped and ungrouped data,
Content Outline	Introduction to Statistics, Measures of Central Tendency. 1.1 Introduction to statistical tools in Research: Needs of data and its different types. 1.2Collection and tabulation of data. 1.3 Importance of graphs and diagrams: Different types of diagrams and pir chart. 1.4 Measures of central tendency: Mean, Median, Mode, with merits and demerits with numerical examples.
Module 2(Credit 1)	Measures of dispersion and correlation analysis
Learning Outcomes	After learning the module, learners will be able to
	1)Explain the concept of Quartile Deviation, Mean Deviation from median, Standard Deviation, and Variance.
	2)Build skills for quantitative application in Economics and Research.
	3)Analyze the correlation of various factors in Economics and day-to-day life.
Content Outline	2.1 Measures of dispersion- Mean deviation from median, Standard deviation, Quartile Deviation and Coefficient of quartile deviation and Coefficient of variation 2.2Meaning and types of correlation, Karl Pearson's coefficients of correlation 2.3 Spearman's Rank Correlation coefficient, 2.4 Coefficient of concurrent deviation.
Module 3(Credit 1)	Regression Analysis
Learning Outcomes	After learning the module, learners will be able to
	1)Analyze the difference between correlation and regression and predict the dependent variable with the help of explanatory variable
	2)Compute regression lines of Y on X and X on Y

	3) Interpret the relations between correlation and regression and the regression coefficients.
Content Outline	3.1 Meaning of regression, regression between two and more than two variables 3.2 Predictions of dependent variable in two variable model through estimation of the regression line 3.3 Test of regression coefficients using standard error and coefficient of determination 3.4 Application of t-test and ANOVA for F test in regression
Module 4 (Credit 1)	Time Series and index number Analysis
Learning Outcomes	After learning the module, learners will be able to 1) Compute moving averages and linear trend line using least square method 2) Assess the time series and its components. 3) Solve the problems in the time series analysis
Content Outline	4.1 Time series analysis: concept and components 4.2 Trend line equation of time series data using least square method, Three, four and five yearly moving averages in time series data 4.3 Price index number, meaning and weighted index number formulae of Laspeyer, Pasches and Fisher with examples 4.4 Usefulness of time series and price index number.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Collection and tabulation of data	25
2	Spearman's Rank Correlation coefficient	25
3	Application of t-test and ANOVA for F test in regression	25
4	Time series analysis: concept and components	25
	Total	50

References:

1. S. C. Gupta (2016) Fundamentals of Statistics by Himalaya Publishing House
2. Field, Andy (2013). *IBM SPSS Statistics* UK: Sage Publication Pvt.
3. Gupta, S.P. (2012). *Statistical Methods* New Delhi: Sultan Chand and Son.
4. Patri, Digmabar and Patri, D. N. (2011). *Statistical Methods*, New Delhi: Kalayani publisher.
5. Graham, Alan (2010). *Statistics: A Complete Introduction*, UK: Teach Yourself
6. Arora, PN, Arora, Sumeet and Arora, Amit: (2009) "Managerial Statistics", S. Chand, a. Ist Ed., 2009.
7. Bharadwaj, RS: (2008) "Business Statistics", Excel books, 2nd Ed, Gupta, S.C. & V.K. Kapoor (2007) *Fundamentals of Applied Statistics*, Delhi: S. Chand & Sons.

**Semester : III
Minor (Stream)**

Course Title	Basic of Economics
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Identify the basic problems of economics
	2. Develop the analytical skills to demonstrate the price mechanism
	3. Explain the market structures with diagramme
	4. Identify the basic problems of economics
Module 1(Credit 1)	Basic Economic Problems
Learning Outcomes	After learning the module, learners will be able to
	1. Identify the basic Economic problems
	2. Explain Role of Price Mechanism in various economy
	3. Differentiate Static and Dynamic Economics
Content Outline	1.1Economic Problem: What to Produce, How to produce, for whom to produce, Where to Produce; 1.2Problems of Scarcity, choice and efficiency 1.3Role of Price Mechanism: Free Market Economy, Mixed Economy & Socialist Economy 1.4Static and Dynamic Economics
Module 2(Credit 1)	Markets, Demand and Supply
Learning Outcomes	After learning the module, learners will be able to
	1. Define the concept of Market, Competition, Demand & Supply
	2. Demonstrate the shifting of demand and supply curves
	3. Design and formulate the market equilibrium
Content Outline	2.1Definition of Market, Competition & Demand Market demand versus individual demand 2.2Movements along the demand curve, Shifts in the demand curve 2.3Supply curves: Market supply and individual supply, Shifts in supply curve 2.4Market equilibrium – three steps to analyze changes in equilibrium

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

(Internal Assessment: There will be no internal evaluation for this course)

Reference Book:

ENGLISH :

1. H.L Ahuja (2018), Modern Economics, S Chand.
2. N.Gregory Mankiw, (2015) Principles of Microeconomics,7th edition, Cengage Learning
3. Agrawal H.S. (2005), Principles of Economics, A N E Books Western India- New Delhi.
4. Desai and Joshi, (1995), Principles of Economics, Nirali Prakashan , Pune.
5. Dwivedi D.N. (2005),Principles of Economics, Vikas Publication house - New Delhi,2005
6. Dewelt K. K.,(2015) Adarsh Chand, Modern Economic Theory, Shyamlal Charitable Trust.Ramnager , New Delhi.

7. Kasyap Anurag, (2013) Principles of Economics, Swastik Publication, New Delhi,
8. Lipsey R.G.(1999) , Principles of Economics, Oxford University, Press,New Delhi.
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10. रायखेलकर आणि दामाजी बी.एच .२००९ सूक्ष्म र्थशास्त्र - विद्या बुक्स पब्लिशर्स, औरंगाबाद.
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12. चव्हाण एन. एल आणि राणे आर. डी.२००९ सूक्ष्मलक्षी अर्थिक विश्लेषण भाग-१- प्रशांत पब्लिकेशन,जळगाव.
13. देशमुख राम २०१२ सूक्ष्म अर्थशास्त्र- विद्या प्रकाशन,पुणे
14. ढमढेरे एस. व्ही.आणि पवार ए, २०१४ सूक्ष्म अर्थशास्त्रीय विश्लेषण - एम.डायमंड प्रकाशन,पुणे
15. पाटील एस. डी. / तायडे एल. एन. २०१४ उच्चतर सूक्ष्म अर्थशास्त्र -अथर्व प्रकाशन,जळगाव
16. रायखेलकर ए.एच.आणि दामाजी बी .आर.२०१३ सूक्ष्म अर्थशास्त्र- विद्या बुक्स पब्लिशर्स, औरंगाबाद

Additional Reading:

1. EPW
2. Yojana
3. Seminar
4. Developmental Economics Journal
5. Times of India

Semester: III

OEC

Course Title	Economy of Maharashtra
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Describe the economy of Maharashtra: its features and role in Indian economy.
	2. Interpret various issues and challenges facing the economy of Maharashtra.
	3. Analyze the agricultural sector and its contribution and challenges in Maharashtra.
Module 1(Credit 1)	Introduction to Economy of Maharashtra
Learning Outcomes	After learning the module, learners will be able to
	1. Describe the features of the economy of Maharashtra and its role in Indian economy.
	2. Analyze the issues and challenges facing the economy of Maharashtra.
Content Outline	1.1 Features of the economy of Maharashtra. 1.2 Contribution of the economy of Maharashtra in Indian economy. 1.3 Issues and challenges faced by the economy of Maharashtra: Population, Poverty, unemployment and migration. 1.4 Regional imbalance in Maharashtra.
Module 2(Credit 1)	Agricultural Sector of Maharashtra
Learning Outcomes	After learning the module, learners will be able to
	1. Appraise the role of agriculture in the economy of Maharashtra and the study the challenges facing farmers.
	2. Describe the problems of agricultural productivity and marketing in Maharashtra.
Content Outline	2.1 Role and significance of agriculture in the economy of Maharashtra. 2.2 Cropping pattern in Maharashtra. 2.3 Problems of agricultural productivity in Maharashtra and measures to increase productivity. 2.4 Worsening Condition of farmers: Causes and measures. 2.5 Agricultural Marketing: Problems and measures.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

(Internal Assessment: There will be no internal evaluation for this course)

References:-

1. Bhalchandra Mungekar–(January 2003) The Economy of Maharashtra - Changing Structure and Emerging Issues Published by Dr. Ambedkar Institute of Social and Economic Change
2. Chandra has Deshpande (2019) Economy of Maharashtra, Mumbai
3. Economy of Maharashtra Indian International Central Volume I, New Delhi. (1987).

4. Mahajan Mukund, (1994), Indian Economy and the Economic problem of Maharashtra, Volume-I, Nirali Prakashan, Pune.
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6. Mahajan Mukund, (1994), Indian Economy and the Economic problem of Maharashtra, Volume-I, Nirali Prakashan, Pune.
7. Sthanumoorthy R., (2006), Maharashtra Economy : performance, opportunities and challenges, The Icfai University Prees
8. Sabale B.R., Industrial development in Maharashtra, Maharatta Editor Maharatta Chamber of Commerce and Industry, Tilak Road,Pune-2
9. [www. Maharashtra.gov.in](http://www.Maharashtra.gov.in) Maharashtra chi Arthik Pahani- Quatrly Magazine
10. Economic survey of Maharashtra –Annual Report
11. www.Maharashtra.gov.in
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13. डॉ. मंगला जंगले २०१३ महाराष्ट्राची अर्थव्यवस्था-प्रशांत प्रकाशन,जळगाव.
14. जगताप व पवार , २०१४ महाराष्ट्राची अर्थव्यवस्था-अथर्व प्रकाशन,जळगाव.
15. पाटील सुरेश २०१५महाराष्ट्राची अर्थव्यवस्था- सक्सेस प्रकाशन,पुणे
16. दत्त और सुंदरम, 2024 भारतीय अर्थव्यवस्था, 73वां संस्करण एसएंड कंपनी लिमिटेड मुंबई चंद.,
17. पुरी व्ही के , एस के मिश्रा और भगत गर्ग, 2024 भारतीय अर्थव्यवस्था 41वां संस्करण हिमालय पब्लिशिंग हाउस, मुंबई।
18. रमेश सिंह, 2023,भारतीय अर्थव्यवस्था,15वाँ संस्करण,मैकग्राहिल पब्लिशर्स,नई दिल्ली।
19. डॉ. कारणसिंग राजपूत 2020 महाराष्ट्र की अर्थव्यवस्था साईं ज्योति प्रकाशन,पुणे

Semester : III
Major (Core) (OR)

Course Title	Economics of Labour
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Acquire knowledge on the functioning and dynamics of the labour market.
	2. Summarize demand for and supply of labour, types of wages.
	3. Know and interpret labour productivity.
Module 1(Credit 1)	Introduction of Labour Economics
Learning Outcomes	After learning the module, learners will be able to
	1.Comment about labour Economics and labour .
	2.Discribe the types of labour.
	3.Discuss the characteristics of Labour.
	4. Analyze factors determining demand for and supply of labour.
Content Outline	1.1. Labour Economics: Meaning & Definition. 1.2 Nature, Scope and significance of Labour Economics. 1.3 Meaning, definition and characteristics of labour. 1.4 Significance and types of labour. 1.5 Meaning of demand for and supply of labour: Factors determining demand for and supply of labour.
Module 2(Credit 1)	Productivity of labour
Learning Outcomes	After learning the module, learners will be able to
	1. Learn about productivity of labour and different types of productivity .
	2.Identify the importance of labour productivity.
	3.Analyse factors affecting labour productivity.
Content Outline	2.1Productivity of labour. 2.1 Meaning of labour productivity. 2.2 Types of labour productivity. 2.3 Factors affecting labour productivity. 2.4 Measures to improve labour productivity. 2.5 Importance of labour productivity.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Meaning, definition and characteristics of labour	25
2	Factors determining demand for and supply of labour.	25
3	Types of labour productivity	25
4	Factors affecting labour productivity.	25
	Total	50

Reference Book:**ENGLISH :**

1. Bhagoliwal T N ,(2022),Economics of Labour& Industrial Relations-, Sahitya Bhavan Agra
2. Datt R &Sundharam,(2024), Indian Economy-, S Chand & Co. New Delhi.
3. John N Dunlop,(1966), The Theory of wage Determination – (Ed) , Macmillan.
4. Mamoria and Gankar,(2024), Dynamics of Industrial Relations – Himalaya Publishing House 30th Ed
5. M S Chauhan,(2021), Labour Economics Issues & Policy-, Global Publications New Delhi.-2021
6. ORISI SAMWEL NYAGUCHA ORESI ,(2019) Labour Economics ,New Generation Publishing Ltd.
7. Ronald G.Ehrenberg, Robert S. Smith, Kevin Hallock ,(2021)Modern Labor Economics -Theory and Public Policy ,Publisher-Taylor &Francis Ltd .
8. डॉ बोधनकर सुधीर २०१७, श्रम अर्थशास्त्र- श्री साईनाथ, प्रकाशन, नागपूर
9. बोधनकर आणि चौहान साहेबराव २००८ श्रम अर्थशास्त्र- श्री साईनाथ प्रकाशन, नागपूर
10. रसाळ राजेंद्र ए, २०१० श्रम अर्थशास्त्र, यशस्वी प्रकाशन,पुणे
11. सिन्हा वी.सी. और सिन्हा पुष्पा 2017 “श्रम अर्थशास्त्र”-मयूर बुक बैंक गाजियाबाद।
12. पी.के. गुप्ता 2021लेबर इकोनॉमिक्स- वृंदा पब्लिकेशन (P) LTD •,
13. डॉ जैन एस.सी. 2017 श्रम अर्थशास्त्र, कैलाश बुक भवन, भोपाल

Semester: III

Major (Core)

Course Title	Data Analysis in Economics
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Use MS Office (Word, Excel, PowerPoint) and online tools for research, analysis, and documentation.
	2. Create visual dashboards, charts, and data-driven presentations for corporate or research purposes.
	3. Demonstrate digital competence required for entry-level roles in research agencies, corporate analysis
Module 1(Credit 1)	Digital Tools for Research & Office Applications
Learning Outcomes	After learning the module, learners will be able to
	1)Students will be able to create professional research documents, project reports, CVs, and corporate documentation using MS Word.
	2)Students will be able to design effective presentations with charts, infographics, and smart visuals using MS PowerPoint.
	3)Students will be able to use online research tools and apply proper referencing methods.
Content Outline	1.1MS Word: Formatting, tables, referencing, citations, styles, MS PowerPoint: Themes, content structuring, animations, charts, Google Workspace tools: Docs, Slides, Drive 1.2Excel basics: interface, cell operations, shortcuts, Formulas & functions: 1.3Data cleaning: remove duplicates, text functions, data sorting, Pivot tables. 1.4Introduction to Google Sheets for collaborative analysis
Module 2(Credit 1)	Digital Tools for Corporate Research, Reporting & Analysis
Learning Outcomes	After learning the module, learners will be able to
	1) Students will be able to use digital tools for data visualization, online surveys, and basic statistical analysis.
	2) Students will be able to prepare corporate-style reports, in fographics, and research summaries using Canva
	3) Students will be able to analyze economic & corporate data from official sources and present findings professionally.
Content Outline	2.1Market research tools: Google Forms, Survey Monkey 2.1 Skill to analysis and visualization data through Power BI and Canva 2.3 Corporate reporting formats: executive summaries, dashboards, in fographics 2.4 Preparing digital portfolios for job applications

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

(Internal Assessment: There will be no internal evaluation for this course)

References:

1. Shelly, G. B., & Vermaat, M. E. (2013). Discovering Computers: Your Interactive Guide to the Digital World (9th ed.), Publisher: Cengage Learning, Boston, USA
2. Walkenbach, J. (2015). Excel Bible (2015 ed.), Publisher: Wiley, Indianapolis, USA

3. Freund, S., & Starks, J. (2016). Microsoft Office 2016 Step by Step, Publisher: Microsoft Press, Redmond, USA
4. Field, A. (2013). Discovering Statistics Using IBM SPSS Statistics (4th ed.), Publisher: SAGE Publications, London, UK
5. McKinney, W. (2018). Python for Data Analysis (2nd ed.), Publisher: O'Reilly Media, Sebastopol, USA
6. Provost, F., & Fawcett, T. (2013). Data Science for Business, Publisher: O'Reilly Media, New York, USA
7. Mayer-Schönberger, V., & Cukier, K. (2013). Big Data: A Revolution That Will Transform How We Live, Work, and Think, Publisher: Houghton Mifflin Harcourt, Boston, USA

Course Syllabus

Semester : IV

Major (Core)

Course Title	Theory of Distribution and Welfare Economics
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Classify and compare different types of market structure.
	2. Critically evaluate the theories of factor pricing.
	3. Appraise the theories of interest and profits.
4. Know the concept of welfare economics and Illustrate the theory of pareto optimality and general equilibrium.	
Module 1(Credit 1)	Introduction to Markets and its Equilibrium
Learning Outcomes	After learning the module, learners will be able to
	1.Comment and interpret product market under different types of market structure. 2.Differentiates short run and long run Equilibrium of different market forms.
Content Outline	1.1 Meaning & classification of Markets. 1.2 Perfect Competition: Meaning, characteristics, price determination in short run and long run equilibrium of the firm and industry. 1.3 Monopoly: Meaning and characteristics, short run and long run equilibrium under monopoly. 1.4 Monopolistic Competition: Meaning and features, price determination in short run and long run equilibrium-price discrimination.
Module 2(Credit 1)	Distribution and Rent Theories
Learning Outcomes	After learning the module, learners will be able to
	1. Interpret the theories of distribution. 2. Describe the determination of rent and wages and causes of wage differentials.
Content Outline	2.1 Marginal productivity theory of distribution. 2.2 Rent: Meaning, Ricardian theory of rent and Modern theory of rent, Quasi rent. 2.3 Wages: Meaning. Factors determining wages, Causes of Wages differentials. 2.4 Role of collective bargaining in wage determination.
Module 3(Credit 1)	Interest and Profit Theories
Learning Outcomes	After learning the module, learners will be able to
	1. Illustrate the theories of interest. 2. Analyze various theories of profit .
Content Outline	3.1 Interest: Meaning and types. 3.2 Classical, Loanable fund theory and Keynesian theories of rate of interest. 3.3 Profits : Meaning and Types. 3.4 Schumpeter's theory of Innovation, Knight's theory of risk and uncertainty.

Module 4(Credit 1)	Welfare Economics
Learning Outcomes	After learning the module, learners will be able to 1.Appraise the welfare economics: concept and Pareto optimality. 2.Analyze the general equilibrium and partial equilibrium concepts and model.
Content Outline	4.1 Meaning of welfare Economics, Individual welfare and Social welfare. 4.2 Role of Value Judgments in welfare Economics. 4.3 Basic conditions for Pareto optimality. 4.4 Difference between general and partial equilibrium.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Illustrate short-run and long-run equilibrium in perfect competition and monopoly using graphs.	25
2	Simulate wage negotiation scenarios highlighting the role of collective bargaining.	25
3	Create a table comparing Schumpeter's theory of innovation and Knight's theory of risk and uncertainty in explaining profits.	25
4	Showcase differences between general and partial equilibrium using visual aids.	25
	Total	50

References:-

- Ahuja H. L. (2022), Advanced Economic Theory, S.Chand & Co.UP.
- Ahuja H.L. (2015) Modern Micro Economics theory and applications, S.Chand publication, Delhi
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- Dorbush Rudiger & Fisher stanlay, (2003) , Micro-Economics-,TATA Mcgraw hill, Meerat
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- MukarjeeMukarjee& Ghosh (2003), Micro- Economics, Prentice-Hall of India Pvt. Ltd. New Delhi.
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- रायखेलकर आणि दामाजी बी.एच .२००९- सूक्ष्म अर्थशास्त्र - विद्या बुक्स पब्लिशर्स, औरंगाबाद.
- राजपूत करमसिंग आणि भांडवलकर राजेंद्र २०१० सूक्ष्म अर्थशास्त्र - अंशुल प्रकाशन, नागपुर
- चव्हाण एन. एल आणि राणे आर. डी.२००९ सूक्ष्मलक्षी अर्थिक विश्लेषण भाग-१- प्रशांत पब्लिकेशन,जळगाव.
- रसाळ राजेंद्र अ २००९ सूक्ष्म आर्थिक विश्लेषण भाग-१- सक्सेस प्रकाशन,पुणे
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15. देशमुख राम २०१२ सुक्ष्म अर्थशास्त्र- विद्या प्रकाशन, पुणे
16. ढमढेरे एस. व्ही. आणि पवार ए सुक्ष्म अर्थशास्त्रीय विश्लेषण २०१४ एम. डायमंड प्रकाशन, पुणे
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औरंगाबाद

Semester IV

Major (Core)

Course Title	Public Finance
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Gain comprehensive knowledge of the different aspects of public finance.
	2. Evaluate the trends and pattern of public expenditure and public debt.
	3. Explain the different sources of tax and non-tax revenue and assess its impact.
4. Discuss and analyze the financial relationship between the Center and State governments.	
Module 1(Credit 1)	Public Finance
Learning Outcomes	After learning the module, learners will be able to
	1. Explain the fundamental concepts of public finance. 2. Discuss the principle of maximum social advantage and its implications.
Content Outline	1.1 Meaning, Nature, Scope & Importance of public finance. 1.2 Hugh Dalton of Principle of maximum social advantage. 1.3 Market failure, Public goods and Externalities. 1.4 Concept of Pareto Efficiency, Equity and Social Welfare.
Module 2(Credit 1)	Public Expenditure and Public Debt
Learning Outcomes	After learning the module, learners will be able to
	1. Classify public expenditure and explain the various aspects of public expenditure. 2. Classification of public debt. and Analyze the effects of public debt on the economy.
Content Outline	2.2 Meaning, classification and Principles of public expenditure. 2.2 Trends and pattern of public expenditure in India. 2.3 Causes & Effects of increasing public expenditure in India. 2.4 Meaning, classification of Public Debt and Effects of Public Debt.
Module 3(Credit 1)	Public Revenue
Learning Outcomes	After learning the module, learners will be able to
	1. To Identify different sources of public revenue and the objectives of taxation. 2. To Analyze different theories of taxation and incidence of taxation.
Content Outline	3.1 Sources of public revenue. 3.2 Meaning and Objectives of Taxation. 3.3 Types of taxes –Direct, Indirect, Progressive, Proportional & Regressive-Merits and Demerits of each. 3.4 Incidence of Taxation and Theories of taxation- Ability to pay and Benefit theory.
Module 4(Credit 1)	Fiscal Federalism in India
Learning Outcomes	After learning the module, learners will be able to
	1. Explain the constitutional provisions governing Centre-State financial relationships. and the recommendations of the Finance Commissions.

	2. Identify Sources of revenue for local government.
Content Outline	4.1 Center state financial relation. 4.2 Role of Finance commission. 4.3 Recommendation of 14 th and 15 th Finance Commission. 4.4 Sources of revenue for local government.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Discuss the implications of equity and social welfare in public finance policies.	25
2	Analyze trends and patterns of public expenditure in India over the last decade.	25
3	Present a narrative explaining taxation theories (ability-to-pay vs. benefit theory) and their application in real-world scenarios.	25
4	Examine the recommendations of the 14th and 15th Finance Commissions and their impact on Centre-State relations.	25
	Total	50

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18. डॉ. नीता वाणी, २०१५ सार्वजनिक आयव्यय-प्रशांत पब्लिकेशन, जळगाव.
19. डॉ. एस. के.ढगे, २०११ भारतातील सार्वजनिक आयव्यय –के. एस.पब्लिकेशन, पुणे.
20. डॉ. मुलाणी एम. यु., २०११ सार्वजनिक आयव्यय– के. एस.पब्लिकेशन, पुणे.
21. पाटणे आर.एम. २०११ भारतीय सार्वजनिक आयव्यय- शार्प पब्लिकेशन, पुणे
22. मुलानी एम .यू. २०१० सार्वजनिक आयव्यय (सार्वजनिक वित्त) के. एस.पब्लिकेशन, पुणे.
23. ढमढेरे एस आणि तुपे संजय .व्ही .२०१५ सार्वजनिक आय व्यय (सार्वजनिक वित्त) डायमंड पब्लिकेशन, पुणे
24. बोबडे प्रशांत आर आणि साबळे अविनाश जे २०२३ सार्वजनिक अर्थशास्त्र- अथर्व प्रकाशन, जळगाव

Semester IV

Minor Stream

Course Title	Introduction to Micro Economics
Course Credits	4
Course Outcomes	After going through the course, learners will be able to <ol style="list-style-type: none"> 1. Explain basic microeconomic concepts and their applications in real-life situations. 2. Analyse consumer and producer behaviour using the demand–supply framework. 3. Evaluate market structures and price determination mechanisms. 4. Apply microeconomic theories in decision-making and problem-solving
Module 1(Credit 1)	Basic Concepts of Microeconomics
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none"> 1)Describe the Meaning, nature and scope of microeconomics. 2)Distinguish between microeconomics and macroeconomics. 3)Explain basic economic problems and decision-making tools. 4)Recognize key economic terminologies used in microeconomic analysis.
Content Outline	1.1Meaning, Nature, scope and importance of Microeconomics 1.2Differences between Micro and Macro economics 1.3Basic economic problems: What, How, For whom to produce; opportunity cost 1.4Production Possibility Curve and economic decision-making
Module 2(Credit 1)	Theory of Consumer Behaviour & Demand Analysis
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none"> 1)Describe the concepts of demand and factors influencing demand. 2)Analyse elasticity of demand and its types. 3)Illustrate consumer equilibrium using utility analysis. 4)Apply demand concepts to business and policy decisions.
Content Outline	2.1Demand: Meaning, types & determinants; Law of demand 2.2 Elasticity of demand: Price, income & cross elasticity 2.3 Utility analysis: Cardinal & Ordinal approach 2.4Consumer equilibrium
Module 3(Credit 1)	Production, Cost & Supply Analysis
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none"> 1)Describe the production function and stages of production. 2)Analyse various cost concepts and cost-output relationships. 3)Explain supply behaviour and elasticity of supply. 4)Apply production and cost analysis in business decision making.
Content Outline	3.1Production function: Short-run & long-run; Law of variable proportions 3.2Cost concepts: Fixed, variable, total, average & marginal cost 3.3Supply: Meaning, determinants & law of supply; elasticity of supply

	3.4 Economies & diseconomies of scale
Module 4 (Credit 1)	Market Structures and Pricing
Learning Outcomes	After learning the module, learners will be able to
	1. Describe price–output determination across different market structures.
	2. Analyse characteristics of perfect and imperfect competition.
	3. Evaluate pricing decisions under monopoly & monopolistic competition.
	4. Apply market structure concepts to real industry situations.
Content Outline	4.1 Market structure: Meaning & types 4.2 Perfect competition: Features & price–output determination (Short-run & Long-run) 4.3 Monopoly & Monopolistic competition: Features & pricing mechanism 4.4 Oligopoly: Features, price leadership & kinked demand curve model

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Definition, nature and scope of economics	25
2	Law of demand and law of supply	25
3	Law of variable proportions	25
4	Monopoly & Monopolistic competition: Features & pricing mechanism	25
	Total	50

References:

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6. Mishra and Puri, (2021) Microeconomics,37th Edition Himalaya Publication
7. झामरे जी.एन. २०१० सूक्ष्म अर्थशास्त्रीय विश्लेषण- पिंपळापुरे आणि कंपनी प्रकाशन, नागपूर
8. रायखेलकर आणि दामाजी बी.एच .२००९ सूक्ष्म र्थशास्त्र - विद्या बुक्स पब्लिशर्स, औरंगाबाद.
9. राजपूत करमसिंग आणि भांडवलकर राजेंद्र २०१० सूक्ष्म अर्थशास्त्र - अंशुल प्रकाशन, नागपुर
10. चव्हाण एन. एल आणि राणे आर. डी. २००९ सूक्ष्मलक्षी अर्थिक विश्लेषण भाग-१- प्रशांत पब्लिकेशन,जळगाव.

11. रसाळ राजेंद्र अ २००९, सूक्ष्म आर्थिक विश्लेषण भाग-१ सक्सेस प्रकाशन, पुणे
12. रसाळ राजेंद्र अ २००९, सूक्ष्म आर्थिक विश्लेषण भाग-२- सक्सेस प्रकाशन, पुणे
13. देशमुख राम २०१२ सुक्ष्म अर्थशास्त्र- विद्या प्रकाशन, पुणे
14. ढमढेरे एस. व्ही. आणि पवार ए, २०१४, सुक्ष्म अर्थशास्त्रीय विश्लेषण- एम. डायमंड प्रकाशन, पुणे
15. पाटील एस. डी. / तायडे एल. एन. २०१४ उच्चतर सुक्ष्म अर्थशास्त्र -अथर्व प्रकाशन, जळगाव.
16. रायखेलकर ए. एच. आणि दामाजी बी .आर. २०१३ सुक्ष्म अर्थशास्त्र- विद्या बुक्स पब्लिशर्स,
औरंगाबाद

Semester: IV

OEC

Course Title	Indian Economic Policy
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Explain various concepts of macroeconomic policy of India relating to poverty, unemployment, inflation
	2. Analyze the agricultural and industrial policy of India
Module 1(Credit 1)	India's macroeconomic Policy
Learning Outcomes	After learning the module, learners will be able to
	1.Evaluate the fiscal and Monetary policies of India.
	2.Describe India's macroeconomic policy relating to inflation, unemployment and poverty.
Content Outline	1.1 Concept of fiscal and monetary policy of India. 1.2 Objectives of Macroeconomic Policy in India. 1.3 India's macroeconomic policies relating to inflation, unemployment and poverty. 1.4 Overview of New Economic Policy since 2000.
Module 2(Credit 1)	Agriculture and Industrial Policy
Learning Outcomes	After learning the module, learners will be able to
	1.Discuss India's macroeconomic policy relating to the pricing policy and land reforms.
	2.Analyze India's agricultural and industrial policy.
Content Outline	2.1 Agricultural Policy of India in the context of pricing policy and land reform. 2.2 National agricultural policy 2000: Features and impact. 2.3 Role and objectives of Industrial Policy. 2.4 Review of Industrial Policy since 2000.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

(No Internal Marks this paper)

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7. माहोरे रामदास २०२१ , भारतीय अर्थव्यवस्था, नागपूर , साई ज्योती पब्लिकेशन ,

8. झामरे जी. एन. २०१५ भारतीय अर्थव्यवस्था विकास व पर्यावरणात्मक अर्थशास्त्र , पिंपळापुरे अँड कंपनी पब्लिशर्स, नागपूर
9. नीलांजन बानिक २०१७ भारतीय अर्थव्यवस्था – स्थूल अर्थशास्त्रीय आढावा, सेज पब्लिकेशन दिल्ली
10. रसाळ राजेंद्र २०१५ भारतीय अर्थव्यवस्था सक्सेस पब्लिकेशन्स, पुणे
11. रमेश सिंह २०१९ भारतीय अर्थव्यवस्था (मराठी आवृत्ती) मॅकग्राहिल एज्युकेशन चेन्नई ,
12. दत्त और सुंदरम 2024 भारतीय अर्थव्यवस्था, 73 वां संस्करण, एस चंद एंड कंपनी. लिमिटेड मुंबई।
13. पुरी वी के, मिश्रा एस के और भगत गर्ग 2024 भारतीय अर्थव्यवस्था, 41वां संस्करण, हिमालय पब्लिशिंग हाउस, मुंबई।
14. रमेश सिंह 2023 भारतीय अर्थव्यवस्था, 15वाँ संस्करण, मैकग्रा हिल पब्लिशर्स, नई दिल्ली

Semester: IV

SEC

Course Title	Socio-Economic Survey
Course Credits	2
Course Outcomes	After going through the course, learners will be able to 1.Acquire various types of survey methods. 2.Explain the importance of survey method. 3.Analyze reports and information from national and international bodies.
Module 1(Credit 1)	Survey Method and Sampling
Learning Outcomes	After learning the module, learners will be able to 1. Differentiate different types of Survey method. 2. Describe the various types of sample survey.
Content Outline	1.1 Survey method: Importance and objectives of Survey, Social survey method. 1.2 Types of survey method. 1.3 Census vs. sample survey. 1.4 Meaning, merits and demerits of sample survey.
Module 2(Credit 1)	Sources of secondary data
Learning Outcomes	After learning the module, learners will be able to 1. Get awareness on Secondary Data from various sources. 2. Appraise various sources of data collected from international publications like IMF and World bank and UNDP.
Content Outline	2.1 Concept and Importance of Secondary Data. 2.2 Sources of secondary data: government of India a) Census of India (b) National Sample of Survey Organization(NSSO)(c) Central Statistical Organization(CSO) (d) RBI (e) Ministry of Health and welfare. 2.3 Survey reports of central and state governments and International Organization (UNDP, IMF and World Bank). 2.4 CMIE as a Private research organization.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

(Internal Assessment: There will be no internal evaluation for this course)

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Techniques)
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11. देशमुख एन. बी. चव्हाण डी.आर. २०१३ संशोधन पद्धती- प्रशांत प्रकाशन, जळगाव
12. आगलावे प्रदिप २०११ सामाजिक संशोधन पद्धती शास्त्र वा तंत्रे श्री साईनाथ प्रकाशन, नागपूर
13. बेहेरे सुमन २००४ सामाजिक संशोधन पद्धती- विद्या प्रकाशन, पुणे
14. बोधनकर सुधीर आणि अलोनी विवेक इ .२०११ सामाजिक संशोधन पद्धती-श्री साईनाथ प्रकाशन,
15. बोरुडे आर .आर. २००८ संशोधन पद्धतीशास्त्र, विद्यार्थी गृह प्रकाशन पुणे
16. दांगट नीलेश आर .२०१० संशोधन पद्धतीशास्त्र यशस्वी प्रकाशन, पुणे
17. मायी सुनील २००८ सामाजिक संशोधन पद्धती- हिरे प्रकाशन
18. संत डी .के .२०१० संशोधन पद्धती प्रक्रीया, विद्यार्थी गृह प्रकाशन अंतरंग, पुणे
19. खैरनार दिलीप आणि राऊत किशोर २०११ सामाजिक संशोधन पद्धती -चिन्मय प्रकाशन, औरंगाबाद
20. कऱ्हाडे बी .एम. २००९ सामाजिक संशोधन पद्धती- पिंपळापुरे आणि कंपनी प्रकाशन, नागपूर

Semester: IV**Minor Stream**

Course Title	Indian Economy: Issues and Policies
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. To provide an in-depth understanding of the structural characteristics of the Indian economy
	2. To analyze major issues and policy responses concerning growth, development, and sustainability
	3. To analyze major issues and policy responses concerning growth, development, and sustainability
Module 1(Credit 1)	Structure and Development of Indian Economy
Learning Outcomes	After learning the module, learners will be able to
	1. Comprehend developmental structure and key sectors of the Indian economy
	2. Evaluate the trends in national income and sectoral performance
	3. Analyze reforms in shaping India's economic trajectory
Content Outline	1.1 National Income – Trends in GDP and sectoral contribution; methods of estimation; recent growth patterns. 1.2 Economic Planning and Reforms – NITI Aayog and impact of LPG reforms (1991 onwards) 1.3 Agriculture and Rural Development –Trends in agricultural productivity Farm size and Productivity, rural employment programs (MGNREGA, PM-KISAN) 1.4 Industrial Growth – New industrial policy since 1991 and its impact, role of MSMEs, industrial clusters.
Module 2(Credit 1)	Contemporary Issues and Policy Challenges
Learning Outcomes	After learning the module, learners will be able to
	1) Identify and interpret major contemporary challenges in the Indian economy
	2) Assess the impact of fiscal, monetary, and trade policies on growth and stability
	3) Critically analyze policy approaches towards inclusive and sustainable development
Content Outline	2.1 Inclusive growth in India and social sector schemes. 2.2 Fiscal Reforms: tax reforms (GST) and fiscal responsibility 2.3 Monetary and Financial Sector Policies – financial inclusion and digital banking. 2.4 Social and Environmental Issues – Human development, education and health policies, environmental degradation, sustainable development goals (SDGs), and climate policy

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)**Internal Assessment:- Any two activities of any two modules are compulsory**

Module No.	Example	Marks
1	Trends in agricultural productivity Farm size and Productivity	25
2	New industrial policy since 1991 and its impact	25
3	Monetary and Financial Sector Policies – financial inclusion	25

	and digital banking.	
4	Social and Environmental Issues -Human development, education and health policies	25
	Total	50

References:

3. Agrawal A.N. (2023), Indian Economy Problems of Development and Planning 44th Edition, New Age International Publishers. Delhi.
4. Agrawal A.N., (2018), Indian Economy, 41th Edition, New Age International Publishers. Delhi
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6. Datta Gaurav and Mahajan Ashwini (2024), Indian Economy', 73rd Edition, S. Chand & Company Ltd. New Delhi
7. Dr. Chetan K. Indian (2024) Economy A Journey of Transformation-current Publication , Agra.
8. Mascarenes and Johnson (2017) Indian Economy, Manan Prakashan, Mumbai
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26. C.S.Prasad ,VibhaMathur& Anup Chatterjee- (2007),Sixty Years of the Indian Economy-1947- Part- I, 2007-New Century Publication ,New Delhi.
27. Uma Kapila (Edited) (2023-24), Indian Economy since Independence, 34th Edition Academic Foundation, New Delhi.
28. माहोरे रामदास, २०२१, भारतीय अर्थव्यवस्था, साई ज्योती पब्लिकेशन, नागपूर,
29. झामरेजी.एन.२०१५, भारतीय अर्थव्यवस्था विकास व पर्यावरणात्मक अर्थशास्त्र', पिंपळापुरे अँड कंपनी पब्लिशर्स, नागपूर
30. नीलांजन बानिक २०१७, भारतीय अर्थव्यवस्था –स्थूल अर्थशास्त्रीय आढावा, सेज पब्लिकेशन इंडिया प्रा.लि. न्यू दिल्ली
31. रसाळ राजेंद्र २०१५ भारतीय अर्थव्यवस्था,सुधारित व विस्तारित आवृत्ती, सक्सेस पब्लिकेशन्स पुणे
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Course Syllabus

Semester :V

Major (Core)

Course Title	Theory of Employment
Course Credits	4
Course Outcomes	After going through the course, learners will be able to
	1. Acquire knowledge about classical and Keynesian theories of employment .
	2. Assess the significance of IS-LM model in macroeconomics .
	3. Critically analyze the demand for and supply of money in the context of India.
4. Get acquainted with inflation, its types and causes and the stagflation concept.	
Module 1(Credit 1)	Theories of employment and consumption function
Learning Outcomes	After learning the module, learners will be able to
	1) Evaluate various theories of Employment and consumption function. 2)Analyse the theory of multiplier and its effect on income
Content Outline	1.1 Classical and Keynesian Theories of Employment 1.2Consumption Function: concept and factors affecting it 1.3 Keynesian psychological law of consumption 1.4 Keynesian theory of multiplier and Marginal efficiency of capital
Module 2(Credit 1)	Investment functions and IS-LM model
Learning Outcomes	After learning the module, learners will be able to
	1)Analyze theories and concepts of investment 2)Describe equilibrium through IS-LM model
Content Outline	2.1 Meaning and concept of investment, autonomous and induced investment 2.2 Accelerator theory of investment 2.3 IS-LM model, derivation of IS curve and LM curve 2.4 Factors affecting the steepness of IS and LM curve
Module 3(Credit 1)	Demand for and supply of money
Learning Outcomes	After learning the module, learners will be able to
	1)Analyze various components of money supply and RBI's measures of money supply. 2)Different approaches to demand for money
Content Outline	3.1 Components of money supply. 3.2 RBI's measures of money supply 3.3 High powered money, money multiplier 3.4 Cash transaction and cash balance approach to demand for money
Module 4(Credit 1)	Inflation and control of inflation
Learning Outcomes	After learning the module, learners will be able to
	1) Critically analyze the meaning and types of inflation 2) Assess the meaning and causes of stagflation

Content Outline	4.1 Meaning and definition of inflation and deflation 4.2 Types and causes of inflation: demand pull and cost-push inflation 4.3 Measures to control inflation 4.4 The meaning of stagflation and its causes
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Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Consumption Function	25
2	IS-LM model, derivation of IS curve and LM curve	25
3	RBI's measures of money supply	25
4	Measures to control inflation	25
	Total	50

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Semester : V

Major (Core)

Course Title	Research Methodology in Economics
Course Credits	4
Course Outcomes	After going through the course, learners will be able to 1. Develop the spirit of research among students 2. Differentiate types of research and use different research designs 3. Identify methods of sampling and data collection 4. Get proficiency in report writing
Module 1(Credit 1)	Introduction to Social Science research
Learning Outcomes	After learning the module, learners will be able to 1)Identify and discuss the role and importance of research in the social sciences. 2)Analyze the issues of hypothesis.
Content Outline	1.1 Meaning, concept, significance and types of research in economics 1.2 Steps for research in Economics and review of literature in research 1.3 Formulation of research problem 1.4 Hypothesis: nature, types and sources of hypothesis
Module 2(Credit 1)	Research Design and Sampling
Learning Outcomes	After learning the module, learners will be able to 1)Analyze the issues and concepts salient to the research process. 2)Explain the issues of sampling,
Content Outline	2.1Introduction and content of research design 2.2. Selection of research design 2.3.Sampling: need for sampling, types of sampling with merits and demerits 2.4Sample size and characteristics of a good sample
Module 3(Credit 1)	Sources of data collection
Learning Outcomes	After learning the module, learners will be able to 1)Understand and apply the methods of data collection 2)Identify and discuss the concepts and procedures of data collection and analysis.
Content Outline	3.1 Concept of primary data and Secondary data, their difference and merits 3.2 Sources and techniques of primary data collection: Observation method and interview method and focus Group discussion 3.3 Questionnaire, survey, schedules and case studies 3.4 Secondary data sources.
Module 4(Credit 1)	Report writing
Learning Outcomes	After learning the module, learners will be able to 1.1 Discuss the objectives of report writing. 2.Communicate effectively through Preparations of reports.

Content Outline	4.1 Objectives of report writing 4.2 Layout of research 4.3 Content of a report 4.4 Utilization of report
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Assignments/Activities towards Comprehensive Continuous Evaluation

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Nature, types and sources of hypothesis	25
2	Types of sampling with merits and demerits	25
3	Sources of Primary and Secondary data	25
4	Preparations of report writing	25
	Total	50

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Semester : V
IKS (Major Specific)

Course Title	Indian Economic Thought
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Identify the past Economics and Political policy of the Country
	2. Analyze the economic thought Process seek to solve the economic problem faced by India
	3. Interpret the contribution of Nobel laureate in Economics
Module 1(Credit 1)	Economics Thought in Pre-Independent India
Learning Outcomes	After learning the module, learners will be able to
	1) Describe Kautilya's view on political economy, taxation and statecraft
	2) Discuss the contribution of Eminent Indian thinkers in economics
Content Outline	1.1Introduction to Kautilya's Arthashastra- Views on political economy, taxation and statecraft 1.2Dadabhai Naoroji's Economic drain theory 1.3Thoughts of M.G. Ranade on poverty and agricultural economy 1.4 Thoughts of Gopal Krishna Gokhale on Indian Finance, Decentralization of power and public expenditure
Module 2(Credit 1)	Contribution of Gandhiji to Abhijit Banerjee in modern economics
Learning Outcomes	After learning the module, learners will be able to
	1) Evaluate the Gandhian economic thought and its relevance to modern India.
	2) Explain the Contribution of Jagdish Bhagwati Nobel laureate Amartya sen and Abhijit Banerjee in Modern economics
Content Outline	2.1Gandhian economic thought and its relevance to modern India with respect to: a. Consumption (Limitation of wants, Swadeshi) b. Trusteeship Principle and industrial relations c. Technology, industrialization and scale of production 2.2Contribution of Jagdish Bhagwati to international trade, economic development and foreign aid 2.3 Contribution of Amartya Sen to welfare economics (Capability theory approach) 2.4Contribution of Abhijit Banerjee to Development Economics

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)
(Internal Assessment: There will be no internal evaluation for this course)

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Semester : V

Minor Stream

Course Title	Money and Banking
Course Credits	4
Course Outcomes	After going through the course, learners will be able to <ol style="list-style-type: none">1. Comprehend the nature, evolution, and functions of money in the modern economy2. Explain the structure, operations, and importance of the banking system.3. Examine the role of commercial banks and the central bank in credit creation and monetary regulation4. Analyze monetary policy, its tools, and its impact on economic stability.5. Comprehend digital payments and contemporary issues in the money market
Module 1(Credit 1)	Fundamentals of Money and Banking
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none">1)Describe the evolution of money.2)Explain the types and functions of money.3)Identify the role of money in economic transactions.
Content Outline	1.1 Barter System and Its Limitations 1.2 Meaning, Definition of Money and Evolution of Money 1.3 Types of Money – Commodity, Metallic, Paper, Credit, Fiat, and Digital Money 1.4 Functions of Money – Primary, Secondary, and Contingent Functions
Module 2(Credit 1)	Banking System: Structure and Functions
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none">1)Define banking and understand its functions.2)Identify types of banks and their roles.3) Classify the functioning of commercial banks.
Content Outline	2.1 Meaning and Definition of Banking 2.2 Types and Classification of Banks – Commercial, Cooperative, Development Banks, Payment Banks, Small Finance Banks 2.3 Structure of the Indian Banking System 2.4 Functions of Commercial Banks 2.5 Credit Creation by Commercial Banks – Process & Limitations
Module 3 (Credit 1)	Central Banking and Monetary Policy
Course Outcomes	After going through the course, learners will be able to <ol style="list-style-type: none">1)Interpret the role of the central bank.2)Analyze monetary policy instruments.3)Explain how the RBI regulates the financial system
Content Outline	3.1 Central Bank – Meaning, Need, and Functions 3.2 Reserve Bank of India – Organization and Role 3.3 Credit Control Methods – Quantitative and Qualitative 3.4 Monetary Policy – Meaning, Objectives, and Tools 3.5 Recent Monetary Policy Measures by RBI (General Overview)
Module 4 (Credit 1)	Money Market& Digital Banking
Course Outcomes	After going through the course, learners will be able to <ol style="list-style-type: none">1)Discuss the components of the money market.2)Analyze digital banking and Contemporary Issues of digital banking.

Content Outline	4.1 Money Market – Meaning, Features, and Importance. 4.2 Money Market Instruments – Call Money, Treasury Bills, Commercial Paper, Certificate of Deposit, Repo & Reverse Repo. 4.3 Digital Banking – Internet Banking, Mobile Banking, UPI, Wallets 4.5 Role of Payment Systems – NEFT, RTGS, IMPS. 4.6 Contemporary Issues – Financial Inclusion, JAM Trinity, Cyber Security in Banking.
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Assignments/Activities towards Comprehensive Continuous Evaluation

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Meaning, Definition of Money and Evolution of Money	25
2	Functions of Commercial Banks	25
3	Monetary Policy – Meaning, Objectives, and Tools	25
4	Money Market – Meaning, Features, and Importance.	25
	Total	50

Reference Books:

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2. Bhole, L. M., & Mahakud, J. (2017). Financial Institutions and Markets: Structure, Growth, and Innovations (6th ed.). McGraw-Hill Education.
3. Paul, R. R. (2015). Monetary Economics (12th ed.). Kalyani Publishers.
4. Mishkin, F. S. (2018). The Economics of Money, Banking, and Financial Markets (11th ed.). Pearson Education.
5. Sethi, T. T., & Agarwal, J. (2014). Money, Banking, and International Trade. Himalaya Publishing House.
6. Khan, M. Y. (2014). Indian Financial System (8th ed.). McGraw-Hill Education.
7. Pathak, B. V. (2014). The Indian Financial System: Markets, Institutions, and Services (4th ed.). Pearson Education.
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9. Gurusamy, S. (2017). Financial Markets and Institutions. Tata McGraw-Hill.
10. Desai, V. (2015). The Indian Financial System and Development (16th ed.). Himalaya Publishing House.
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14. साळुंके श्याम आणि गावडे निलेश २०२३ बँकिंगची तत्वे आणि भाग- १ अथर्व प्रकाशन, जळगाव
15. साळुंके श्याम/ माटे विजय बी २०१० आधुनिक बँकिंग आणि वित्तीय पद्धती, डायमंड्स बुक डेपो, पुणे
16. बोधनकर आणि कानेटकर २०१० भारतीय बँकिंग प्रणाली, साईनाथ प्रकाशन, नागपूर
17. झामरे जी .एन .२०१० मुद्रा आणि वित्तीय पद्धती-पिंपळापुरे आणि कंपनी प्रकाशन, नागपूर
18. कुलकर्णी एस .आर .आणि बेरड आर .एन .२०११ बँक व्यवहाराची मुलतत्वे विद्या प्रकाशन, औरंगाबाद.
19. दांगट नीलेश आर. २०१० बँकिंग व वित्तीय संस्था यशस्वी प्रकाशन, पुणे
20. शेखर के लेखमी आणि शेखर .सी. २०१४ बँकिंग थिअरी अँड प्रॅक्टिस विकास पब्लिकेशन हाऊस, जंगपुरा

Semester : V

Minor Stream

Course Title	Public Finance and International trade
Course Credits	4
Course Outcomes	After going through the course, learners will be able to <ol style="list-style-type: none">1. To interpret principles of public finance and its impact on economic efficiency and equity.2. Analyze the role of government in the economy, including taxation and public expenditure.3. Evaluate international trade and domestic trade, gains from international trade, terms of trade and theories and their implications for policy-making.4. Assess the free trade versus restricted trade and different trade barriers.
Module 1(Credit 1)	Introduction to Public Finance
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none">1)Know the concept of Public finance, private finance, importance of public finance, scope of public finance.2) Understand the Overview of public finance, role of government in economy
Content Outline	1.1Meaning ,Scope and importance of public finance and public Economics 1.2Public ,Private ,Merit and Mixed Goods 1.3Market, state role, function and market failure 1.4Principal of maximum social advantage
Module 2(Credit 1)	Public Expenditure and Public Revenue, Budget, Taxation
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none">1)Know the concept of Public Expenditure, Public Revenue, Economic effects of public expenditure and public revenue.2)Understand the Overview of Government budgeting, budget deficit and taxation
Content Outline	2.1Public expenditure, types and effects. 2.2Public revenue –different sources and impact on society. 2.3Budget and optimum Budgeting and budget deficits. 2.4 Taxation and types of taxation
Module 3(Credit 1)	Introduction to International Trade
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none">1)Know the concept of International and inter regional trade, difference, gain from international trade..2)Understand the Overview The role of trade in economic growth
Content Outline	3.1 Concept , nature and scope of international economics 3.2 Difference between International and regional trade. 3.3 Gain from International Trade –International trade as an engine of growth 3.4.Balance of payments –Components of balance of payments
Module 4(Credit 1)	Trade Policies and Instruments
Learning Outcomes	After learning the module, learners will be able to <ol style="list-style-type: none">1)Know the concept of free trade and restricted international trade.2)Understand the Overview tariffs, quota ,trade war and protectionism and Globalization.

Content Outline	4.1-Free trade verses Protected trade Different trade barriers 4.2 Tariffs, quotas, and subsidies Impact of tariff and quota 4.3 Trade wars and protectionism 4.4 Impact of globalization on developing economies.
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Assignments/Activities towards Comprehensive Continuous Evaluation

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Scope and importance of public finance and public Economics	25
2	Public expenditure, types and effects	25
3	Difference between International and regional trade.	25
4	Free trade verses Protected trade	25
	Total	50

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1. Rosen, Harvey S., and Ted Gayer. Public Finance. 10th ed., McGraw-Hill Education, 2019.
2. Tresch, Richard W. Public Finance: A Normative Theory. 3rd ed., Academic Press, 2002.
3. Musgrave, Richard A., and Peggy B. Musgrave. Public Finance in Theory and Practice. 5th ed., McGraw-Hill, 1989.
4. Auerbach, Alan J., and Martin S. Feldstein, editors. Fiscal Policy: Theory and Practice. MIT Press, 2002.
5. Musgrave, Richard A. The Theory of Public Finance: A Study in Public Economy. McGraw-Hill, 1959.
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7. Krugman, Paul, Maurice Obstfeld, and Marc Melitz. International Trade: Theory and Policy. 11th ed., Pearson, 2018.
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11. पाटणे आर.एम. २०११ भारतीय सार्वजनिक आयव्यय शार्प पब्लिकेशन, पुणे
12. मुलानी एम .यू. २०१० सार्वजनिक आयव्यय (सार्वजनिक वित्त) केप्रकाशन.एस.,पुणे
13. ढमढेरे एस व्ही आणि तुपे संजय २०१५ सार्वजनिक आयव्यय (सार्वजनिक वित्त) डायमंड पब्लिकेशन, पुणे
14. बोबडे प्रशांत आरआणि साबळे अविनाश जे ., २०२३, सार्वजनिक अर्थशास्त्र- अथर्व प्रकाशन, जळगाव
15. ढगे एस. के., २०१५ आंतरराष्ट्रीय अर्थशास्त्र- के.एस.प्रकाशन, पुणे
16. ढमढेरे एस. व्ही., २०१० आंतरराष्ट्रीय अर्थशास्त्र, डायमंड्स बुक डेपो, पुणे
17. ढमढेरे एस. व्ही. आणि तुपे संजय, २०१५ आंतरराष्ट्रीय अर्थशास्त्र- डायमंड्स बुक डेपो पुणे
18. महाजन धनश्री, २०११ आंतरराष्ट्रीय अर्थशास्त्र- विद्या बुक्स पब्लिशर्स, औरंगाबाद

Semester V

VSC-4 (OR)

Course Title	Taxation
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Explain the basic rules of the new Income tax regime.
	2. Calculate income from salary, house property, and other sources at a basic level.
	3. Apply only those deductions allowed under the new tax regime.
	4. Compute tax liability using new tax slabs.
	5. Prepare a simple mock income tax return (ITR-1) using sample data.
Module 1(Credit 1)	Basics of Income Tax & Income Computation
Learning Outcomes	After learning the module, learners will be able to
	1) Explain the structure and rules of the new tax regime.
	2) Apply only the permitted deductions under the new regime
	3) Prepare total income statements and compute tax liability correctly under the new regime
Content Outline	1.1. New Income Tax Regime: Basic Concepts like Assessment Year and Previous Year 1.2. Assessment procedure for ITR, dispute resolution relating tax, unethical tax practices 1.3. Taxation of digital transactions and tax recovery. 1.4. Tax planning, tax evasion and tax avoidance.
Module 2(Credit 1)	Practical on ITR Filing for both old regime and new regime
Learning Outcomes	After learning the module, learners will be able to
	1) Identify basic documents needed for filing income tax.
	2) Fill a simple ITR-1 form using sample salary and income data.
	3) Calculate tax using new tax regime slabs.
	4) Complete a mock return and check the final summary.
Content Outline	2.1. Basic Documents for Income Tax Filing, Form 16, 26A 2.2 Deductions and exemptions allowed under old regime 2.3 Benefits of old and new regime compared 2.4 Assessment of various entities and Basic Filing Checklist.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Assessment procedure for ITR	25
2	Deductions and exemptions allowed under old regime.	25
3	Basic Concepts like Assessment Year and Previous Year.	25
4	Assessment of various entities and Basic Filing Checklist	25
	Total	50

References

1. Singhanian, V. K., & Singhanian, M. (2024). Students' Guide to Income Tax (University Edition). Taxmann Publications.
2. Ahuja, G., & Gupta, R. (2020). Systematic/Simplified Approach to Income Tax. Wolters Kluwer
3. Mehrotra, H. C., & Goyal, S. P. (2019). Income Tax Law and Practice. Sahitya Bhawan Publications.
4. Income Tax Department Website – www.incometaxindia.gov.in
5. AIS/26AS Portal – <https://insight.gov.in>
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7. डॉ. अविनाश भोसले २०२२करशास्त्र, निराली प्रकाशन, पुणे
8. ओझरकर सु. रा. २०२२ राजस्व, विद्या प्रकाशन, नागपूर
9. आहूजा, एच .एल. 2017. *लोकवित्त .*एस .चंद एंड कंपनी।
10. गुप्ता, एस .पी .2014. *भारतीय कर प्रणाली .*साहित्य भवन।
11. जैन, टी .आर.2016. *लोकवित्त हिंदीमाध्यम .*वी .के .पब्लिकेशन्स।
12. मिश्र, एस .के., एवं पुरी, वी .के .2018. *लोकवित्त .*हिमालय पब्लिशिंग हाउस।
13. सक्सेना, एस .एन. 2015. *कराधान के सिद्धांत .*एस .चंद एंड कंपनी।
14. भट्ट, बी .पी. 2016. *कराधान एवं लोकवित्त .*साहित्य भवन।

Semester V
VSC-4

Course Title	Environmental Economics
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Recognize the key issues related to Environmental Economics and sustainable development.
	2. Discuss the sources and types of pollution.
	3. Describe the policies related to Environmental regulation in India
	4. Understand the relationship between climate change and global warming
Module 1(Credit 1)	Basic Environmental Issues
Learning Outcomes	After learning the module, learners will be able to
	1) Understand the basic concepts of Environmental Economics
	2) Comprehend the principles of Sustainable Economic Development and SDG goals.
Content Outline	1.1 Definition, scope and importance of Environmental Economics 1.2 Interrelationship between Environmental economics and economics 1.3 Public Good, Market failures and externalities 1.2 Environment and sustainable Development. 1.5 Sustainable Development Goals (SDG) of United Nations with reference to Environment
Module 2(Credit 1)	Pollution and Environmental Policy
Learning Outcomes	After learning the module, learners will be able to
	1) Describe the meaning, sources types, causes and impact of pollution in economy
	2) Analyze the policies involved in meeting the challenges of climate change.
	3) Discuss the relation between climate change and global warming.
Content Outline	2.1 Pollution- Meaning, sources of pollution, types of pollution and their status in India 2.2 Causes of pollution and its effects on economic decisions. 2.3 Environmental regulation and policies- central, state and local government in India 2.4 Climate change and global warming

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Interrelationship between Environmental economics and economics	25
2	Causes of pollution and its effects on economic decisions.	25
3	Environment and sustainable Development	25
4	Climate change and global warming	25
	Total	50

References

A. Essential Reading:

1. Dodo J. Thampapillai, Matthias Ruth (2019,) Environmental Economics Concepts, Methods and Policies By Routledge publication
DM Karpagam, Kindle (2019) Environmental Economics: (2019)
2. Sengupta, R. (2013): Ecological Limits and Economic Development: Creating Space, Oxford University Press, New Delhi.
3. Muthukrishnan, S. (2010): Economics of Environment, PHI Learning Private Ltd, New Delhi
4. Arrow, K.J. and P.Dasgupta, I.H.Goulder, K.J. Mumford and K.Oleson (2012): Sustainability and Measurement of Wealth”, Environment and Development Economics, 17(3):317-53.
5. Bhattacharya Rabindranath,(2002) Environmental Economics: An Indian Perspective paperback, , Kindle
6. J. and A.D. Zeeuw (Ed.) (2002): Recent Advances in Environmental Economics, Edward Elgar, Cheltenham, U.K. 10.
7. प्रा. संदीप तांबे-२०२० पर्यावरणीय अर्थशास्त्र- फडके प्रकाशक,कोल्हापूर
8. आहूजा, एच .एल . 2018. *पर्यावरणीय अर्थशास्त्र .*एस .चंद एंड कंपनी।
9. गुप्ता, एस .पी. 2016. *पर्यावरण एवं विकास .*साहित्य भवन।
10. जैन, टी .आर .2017. *पर्यावरणीय अर्थशास्त्र हिंदी माध्यम .*वी .के .पब्लिकेशन्स।
11. मिश्र, एस .के., एवं पुरी, वी .के.2017 *पर्यावरणीय अर्थशास्त्र .*हिमालय पब्लिशिंग हाउस।
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13. वर्मा, आर .के. 2015. *पर्यावरणीय समस्याएँ एवं आर्थिक विकास .*विश्व विद्यालय प्रकाशन।
14. राहुलकुमारश्रीमानी 2022 पर्यावरणनुंअर्थशास्त्र, अक्षरभुज्जेन्सी, अमदावाद

B. Additional Reading:

1. EPW
2. E-books from EBSCO
3. Yojana Journal
4. Kurukshetra Journal
5. RBI bulletin
6. Economic Survey
7. Economic Times Newspaper

Semester : V

Major (Core)

Course Title	Industrial Economics
Course Credits	2
Course Outcomes	After going through the course, learners will be able to 1. Classify different types of industries . 2. Acquire knowledge about industrial production and productivity. 3. Discuss sources of Industrial Finance.
Module 1(Credit 1)Introduction of Industrial Economics	
Learning Outcomes	After learning the module, learners will be able to 1.Explain about Industrial Economics and its significance. 2.Interpret classification of industries. 3.Explore the problems and prospects of MSMEs sector in India.
Content Outline	1.1 Industrial Economics: Meaning, definition and significance. 1.2 Role of Industrialization in Economic Development. 1.3. Classification of industries: MSMEs, and large-scale industries. 1.4 Performance and problems of MSMEs sector in India.
Module 2(Credit 1) Industrial Finance	
Learning Outcomes	After learning the module, learners will be able to 1.Evaluate different sources of Industrial finance. 2.Appraise various government schemes for startups in India.
Content Outline	2.1 Concept and need for industrial Finance. 2.2 Nature and types of industrial finance. 2.3 Banking and non-banking financial sources of industry. 2.4 Government schemes for startup: Pradhan Mantri Mudra Yojna, credit guarantee scheme, startup India scheme.

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Analyze the performance and challenges faced by MSMEs in India.	25
2	Investigate government schemes for startups (e.g., Pradhan Mantri Mudra Yojana) and their effectiveness	25
3	Nature and types of industrial finance.	25
4	Banking and non-banking financial sources of industry	25
	Total	50

References:

1. Barthwal, R. R. (2021) Industrial Economics: An Introductory Textbook, Delhi: New Age International
2. Dhingra I.C., Dhingra Nitin, Industrial Economics, (2013) Book Age Publication, Delhi.
3. Desai B (2021), Industrial Economics, Mumbai: Himalaya Publishing House.

4. Jotwani Kiran, Patil Ameya ,(2023) *Industrial Economics* ,Pragati Online, Pune, India.
5. Kapila, Uma (2024) *Indian Economy: Performance and Policies*, Delhi: Academic Publications.
6. Mittal A.C.,Sharma Sanjay Prakash,(2004) *Industrial Economics* , Book Age Publication ,Delhi.
7. Mishra &Puri 2024, *Indian Economy*, Mumbai: Himalaya Publications.
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9. Sankaran A. & M. Ravichandran (2010) *Industrial Economy of India*, Delhi: Serial Publication.
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12. डॉ. मंगला जंगले, २०११ औद्योगिक अर्थशास्त्र -प्रशांत पब्लिकेशन,जळगाव.
13. प्रा. रायखेलकर व डॉ. दामाजी, २०१४ औद्योगिक अर्थशास्त्र -विद्या बुक्स पब्लिशर्स, औरंगाबाद.
14. सेठ रंजना २०१० औद्योगिक अर्थशास्त्र ,अने बुक हाउस , जुईनगर, दर्यागंज
15. वनगल किशोर, २०१५ उद्योगकता आणि विकास- साई ज्योती प्रकाशन, नागपूर

Semester :V

Major (Core)

Course Title	Economics of Media
Course Credits	2
Course Outcomes	After going through the course, learners will be able to
	1. Analyse the structure, functioning and economic importance of media industries.
	2. Interpret economic data and convert it into simple, student-friendly media content.
	3. Apply communication skills to write news articles, prepare short videos, podcasts and infographics.
	4. Identify biases, misinformation, fake news and unethical media practices and Explore career opportunities in media.
Module 1(Credit 1)	Introduction to Media Economics
Learning Outcomes	After learning the module, learners will be able to
	1)Discuss the economic structure of media industries
	2)Identify major components of media markets
	3)Explain supply–demand forces in the media sector
Content Outline	1.1Concept of Media Economics & characteristics, Media as information and knowledge industry 1.2Types of Media and Their Economic Roles, Print media, Electronic media, Digital and social media 1.3Media Market Structures and Competition, ownership pattern 1.4Media and Economic Development, Media’s role in economic awareness and financial literacy,Media careers and start-ups
Module 2(Credit 1)	Media Business Models & Economic Reporting
Learning Outcomes	After learning the module, learners will be able to
	1. Explain business models and revenue generation of media houses
	2. Gain skills in economic data interpretation
	3. Write and produce simple, accurate economic content
	4. Develop basic media editing and reporting skills
Content Outline	2.1Digital business models- sale, advertise and Influencer economy and monetization (YouTube, Instagram, Reels, Podcasts) 2.2Economics of News Production; Cost structure of newspapers, TV channels and digital media, s Economics of content creation 2.3 Basics of Economic Reporting, Writing short economic articles, news, content 2.4 Basics of audio, video scripting, Google Trends, Data Portal for economic storytelling

Assignments/Activities towards Comprehensive Continuous Evaluation

Internal Assessment:- Any two activities of any two modules are compulsory

Module No.	Example	Marks
1	Media market characteristics	25
2	Role of media in shaping public opinion	25
3	Sale, Advertising-based model	25
4	Digital Tools for Media Production	25
	Total	50

References:

1. Albarran, A. B. (2010). Media Economics: Understanding Markets, Industries and Concepts, Publisher: Wiley-Blackwell, Malden, MA, USA
2. Doyle, G. (2013). Understanding Media Economics (2nd Edition), Publisher: SAGE Publications, London, UK
3. Croteau, D., & Hoynes, W. (2014). The Business of Media: Corporate Media and the Public Interest (2nd Edition), Publisher: SAGE Publications, Thousand Oaks, California, USA
4. McQuail, D. (2010). McQuail's Mass Communication Theory (6th Edition), Publisher: SAGE Publications, London, UK
5. Picard, R. G. (2002). The Economics and Financing of Media Companies, Publisher: Fordham University Press, New York, USA
6. Briggs, A., & Burke, P. (2009). A Social History of the Media: From Gutenberg to the Internet (3rd Edition), Publisher: Polity Press, Cambridge, UK
7. Thussu, D. K. (2007). News as Entertainment: The Rise of Global Infotainment, Publisher: SAGE Publications, London, UK
8. Jeffres, L. (1997). Mass Media Processes and Effects, Publisher: Waveland Press, Illinois, USA
9. Parthasarathy, Rangaswami (1994). Journalism in India, Publisher: Sterling Publishers Pvt. Ltd., New Delhi, India
10. Sainath, P. (1996). Everybody Loves a Good Drought: Stories from India's Poorest Districts, Publisher: Penguin Books India, New Delhi, India

Online Sources / Databases

1. RBI Publications
2. NITI Aayog Reports
3. Economic Survey of India
4. Ministry of I&B publications
5. Reuters Institute Digital News Report
6. Press Information Bureau (PIB)
7. PRS Legislative Research

Semester : VI

Apprenticeship

Course Title	Apprenticeship
Course Credits	20
Course Outcomes	After going through the course, learners will be able to
	1.Learn the basics of production and trade related tools, machinery, and equipment
	2.Perform the tasks according to industry standards.
	3.Apply the theoretical knowledge in to work place and day today life
	4.Get the Exposures of modern technologies and production techniques.
	5.Develop the ability of troubleshooting and problem-solving .
	6.Familiar with workplace environment and organizational structure
	7.Gain the knowledge of workflow, quality standards, and deadlines.
Learning Outcomes	After going through the course, learners will be able to
	1.Acquiring practical knowledge of a particular profession or occupation
	2.Develop the ability to operate tools, machinery, and equipment safely and efficiently.
	3.Practically learn the institution standards and industrial production processes
	4.Operat the new technologies and production methods.
	5.Identify the organizational structure and workflow.
	6.Prepare basic technical reports and documentation processing.
	7.Demonstrate workplace safety standards and procedures.
8.Use of modern digital tools and software relevant to the trade.	

Guidelines:

1. Direct training at industry/ institution
2. Guidance based learning (Guidance by teacher or supervisor)
3. Observation, demonstration and task Based learning
4. Problem-based learning
5. Learning exploration
6. Review meeting and presentation

INTERNAL MARKING SCHEME:

Sr. No	Details	Mark
01	Attendance & Punctuality	25
02	Work Performance & Skill Development	50
03	Practical Competency	50
04	Record Maintenance	25
05	Professional Behaviour & Discipline	25
06	Industry Supervisor Report	25
07	Internal Viva Voce	50
	Total	250

EXTERNAL MARKING SCHME

Sr. No	Details	Mark
01	Practical Examination	100
02	Project /Assignment	50
03	Viva Voce	50
04	Seminar / Presentation	50
	Total	250

Semester: VI

Community engagement in Economics (C E) Major Core

Course Title	Community engagement in Economics
Course Credits	2
Outcomes	After Community engagement, learners will be able to:
	1. Identify the issues of community
	2. Analyze the causes and effects of the issues.
	3. Recommend some remedies to resolve the issues.
	4. Create awareness about the various government schemes among the community.
5. Sensitize about deprived people 's issues.	

Objectives: Community engagement increases the visibility and understanding of the students their villages/towns/cities needy community issues and empowers their say over decisions that affect their lives.

Guidelines:

Community engagement of any kind- Health and literacy awareness program, awareness of schemes under Central and State Governments.

For the Community Engagement students can follow the following procedures:

1. Identification of needy community.
2. Significance of Community Engagement.
3. Active Service task.
4. Summary.
5. Learning Experience and feedback.

Evaluation will be done on the Basis of the presentation

MARKING SCHEME:

Sr.No.	Details	Total Mark
1.	Identification of needy community	10
2.	Significance of Community Engagement	10
3.	Active Service task	10
4.	Summary	10
5.	Learning Experience and feedback	10
Total		50