Rajarshi Shahu Mahavidyalaya, (Autonomous) Latur

Structured Work Plan for Teaching –First Term (Academic Year 2020-2021)

Name of Prof.: Prof. J.H. Gaikwad

Name of Department: Economics

Details of Classes to be taught

Sr. No.	Class	Name of Paper
1	B.A. II	1) Economic Growth and Devlopment
2	B.A. III	2) Mathematical Economics
3	M.A. I	3) Micro Economics
4	M.A. I	4) Mathematical Economics
5	M.A. II	5) Quantitative Techniques

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-III)

(July 2021 to November 2021)

1. **Details of Classes to be taught**

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.A. II Sem. III	Jeevan Hanmantrao Gaikwad	Economics	Economic Growth and Development –VI	50 (3-credits)

2. **Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit – 1 Economic Growth and Development:-** Meaning, Difference between growth and development, Indicators of economic development – PCI, HDI, Per capita Consumption expenditure, Food security, Economic Development, Technological Development, Social Development, Features of an underdeveloped Economy, obstacles in economic development, Measurement of Economic Growth, International Countries- Classification of Country wise on the basis of Development.	14	14/07/2020 to 10/08/2021	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 October 2020
2	**Unit – 2 Theories of economic development I:-** Adam Smith's theory of development, Recardian theory of development, Malthus theory of development, Karl Marx's theory of development. A.K. Model.	15	11/08/2020 to 08/09/2020	Power point presentation	
3	**Unit - 3 Theories of economic development II:-** Rostows stages of economic growth, Lewis's theory of unlimited supply of labor, Balanced and unbalanced growth approach, The Big Push Theory, Schumpeter Theory	11	11/09/2020 to 29/09/2020	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 December 2020
4	**Unit – 4 Domestic Measures for Economic Development:-** Capital formation and Economic Development – Meaning, Importance, Reasons for low rate of capital formation, Sources of capital formation, Disguised unemployment as a source of capital formation – meaning and problem, Human Development Index compare to developed countries, Gender Budget.	10	03/10/2020 to 23/10/2020	Seminar	Semester End Exam 12 to 27 January 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-V)

(July 2021 to November 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.A. III Sem. V	Jeevan Hanmantrao Gaikwad	Economics	Mathematical Economics - XI	50 (3-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit – 1 Some basic concepts :** Definition of constants, parameter, Variable and function Types of functions and its applications in Business economics. ii) Logarithm : Definition of Logarithm, Rules of logarithm, (Multiplication, division and power) and its application in business economics. iii) Indices : Definition of Indices The laws of Indices.	14	17/07/2020 to 21/08/2020	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 October 2020
2	**Unit - 2 Differential Calculus:** Rules of differentiation, use of derivative in a numerical calculation, concept of maxima and minima of a single variable, Partial derivative, Rules of partial derivative, use of partial derivative in economics.	15	25/08/2020 to 21/09/2020	Power point presentation	
3	**Unit - 3 Matrix :** Concept of matrix, types of matrices, algebra of matrix, Inverse of matrix, Solution of simultaneous equations by using matrix method.	11	22/09/2020 to 13/10/2020	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 December 2020
4	**Unit- 4 Geometry:** Straight line, slope of the straight line. Intersect of the straight line. Equation - methods of equation	10	16/10/2020 to 31/10/2020	Seminar	Semester End Exam 12 to 27 January 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-I)

(July 2021 to November 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.A. I Sem. I	Jeevan Hanmantrao Gaikwad	Economics	Micro Economics - I	60 (4-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit – 1 Demand Analysis – I :** Indifference curve, marginal rate of substitution, consumer's equilibrium. Income effect, substitution effect and price effect. Engle curve, Slutusky theorem. Revision of demand theory by Hicks, Revealed preference theory,	16	17/07/2020 to 12/08/2020	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 October 2020
2	**Unit – 2 Demand Analysis – II :** Elasticity of demand – Types of Elasticity of demand, Importance of elasticity of demand. The constant elasticity of demand. The Dynamic Demand function. The empirical demand function.	16	13/08/2020 to 10/09/2020	Power point presentation	
3	**Unit – 3 Isoquant & Isocost Approach of Production Function:** Isoquants and its properties, The principle of Diminishing marginal Rate of Technical substitution. Least Cost combination of factors, choice of optimal expansion path.	16	11/09/2020 to 08/10/2020	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 December 2020
4	**Unit – 4 Cost Analysis:** Meaning of cost, costs of Production- Real cost, Opportunity cost, The modern theory of cost.	12	12/10/2020 to 29/10/2020	Seminar	Semester End Exam 12 to 27 January 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-I)

(July 2021 to November 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.A. I Sem. I	Jeevan Hanmantrao Gaikwad	Economics	Mathematical Economics - IV	60 (4-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit – 1 Calculus :** Relation between Mathematics and Economics. Concept of derivatives, Rules of differentiation, Partial derivatives. Applications of simple and partial derivatives in economics. Concept of Maximum and Minimum values and its applications in business and economics.	16	17/07/2020 to 14/08/2021	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 October 2020
2	**Unit – 2 Demand Theory :** Ordinal and Cardinal utility approach. Ordinal utility maximization. Lagrengian multiplier. Concept of elasticity of demand and its application.	16	17/08/2020 to 15/09/2020	Power point presentation	
3	**Unit – 3 Theory of Production :** Meaning of production function, Cobb – Douglas and CES production function and its properties. Least cost combination of inputs, MRTSLK	14	18/09/2020 to 10/10/2020	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 December 2020
4	**Unit – 4 Linear Programme Analysis :** Concept of Input – output Analysis. Linear Programming : Concept of linear programme, solution of LPP by graphical method, application of LPP In Business Economics	14	12/10/2020 to 03/11/2021	Seminar	Semester End Exam 12 to 27 January 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-III)

(July 2021 to November 2021)

3. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.A. II Sem. III	Jeevan Hanmantrao Gaikwad	Economics	Quantitative Techniques – XII	60 (4-credits)

4. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit - 1 Quantitative Techniques :-** Meaning of quantitative techniques, various tools of quantitative techniques, importance of quantitative techniques in economics, management and business.	10	17/07/2020 to 31/07/2020	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 October 2020
2	**Unit - 2 Mathematical Methods :** Rules of differentiation, partial derivatives, maximum and minimum values in single.	16	03/08/2020 to 04/09/2020	Power point presentation	
3	**Unit – 3 a) Correlation analysis :-** Meaning, Definition of correlation, Types of correlation – simple, partial and multiple correlation, significance of the correlation coefficient. **b) Linear programming problem (LPP) :-** Concept of Linear programming problem, Formulation of Linear programming problem, solution of Linear programming problem by graphic method.	18	05/09/2020 to 16/10/2020	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 December 2020
4	**Unit – 4 a) Regression Analysis :-** Meaning of simple regression, Characteristics of regression coefficient, Regression line and equation testing for significance of regression equation estimation of regression coefficient. Concept of multiple regression.	16	17/10/2020 to 10/01/2021	Seminar	Semester End Exam 12 to 27 January 2021

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Rajarshi Shahu Mahavidyalaya, (Autonomous) Latur

Structured Work Plan for Teaching – Second Term (Academic Year 2020-2021)

Name of Prof.: Prof. J.H. Gaikwad

Name of Department: Economics

Details of Classes to be taught

Sr. No.	Class	Name of Paper
1	B.A. II	1) Economic Growth and Devlopment
2	B.A. III	2) Mathematical Economics
3	M.A. I	3) Micro Economics
4	M.A. I	4) Mathematical Economics
5	M.A. II	5) Quantitative Techniques

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-IV)

(January 2021 to April 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.A. II Sem. IV	Jeevan Hanmantrao Gaikwad	Economics	Economic Growth and Development – VIII	50 (3-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit - 1 Sectoral aspect of Development:-** Role of agriculture in economic development, new technology and sustainable agriculture, globalization and agricultural growth, Role of industrialization in economic development growth, Terms of trade between agriculture and industry.	15	28/01/2021 to 25/02/2021	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 February 2021
2	**Unit – 2 Choice and pattern of investment :-** Need of investment criteria in less developing countries Present vs future growth, alternative investment criteria, Cost benefit analysis.	14	01/03/2021 to 25/03/2021	Power point presentation	
3	**Unit - 3 Macro Economic policy and economic development :-** Role of monetary and fiscal policies in developing countries, External resources – FDI merit and demerit, Trade Vs Aid, MNC activity in developing countries .	11	30/03/2021 to 22/04/2021	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 April 2021
4	**Unit – 4 International aspect of economic development:-** International trade as an engine of economic development, Static and Dynamic gains from trade, IMF, world bank, WTO – establishes and functions.	10	26/04/2021 to 11/05/2021	Seminar	Semester End Exam 12 to 27 May 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-VI)

(January 2021 to April 2021)

1. Details of Classes to be taught

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	B.A. III Sem. VI	Jeevan Hanmantrao Gaikwad	Economics	Mathematical Economics - XIV	50 (3-credits)

2. Summary of Lesson Plan

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit -1 Theory of Consumer's behavior.** Relation between mathematics and economics, concept of cardinal utility approaches. Graphic Method of consumer's equilibrium, derivation of consumer's surplus.	12	29/01/2021 to 16/02/2021	Power point presentation	Unit Test – I Assignment Chapters 1, 2 20 to 28 February 2021
2	**Unit -2 Theory of demand and cost:** Definition of elasticity of demand, price, income and cross elasticity of demand, relation between, AR, MR and elasticity of demand, Concept of cost, relation between Average Cost and Marginal Cost in short period, and its applications in economics.	14	20/02/2021 to 15/03/2021	Group Discussion	
3	**Unit -3 Production Function :** Concept of production function and its features, Cob-Douglas production function, producers equilibrium, mathematically application for production function	12	16/03/2021 to 09/04/2021	Quiz Contest	Unit Test – II MCQ Chapter 3 ,4 22 to 30 April 2021
4	**Unit 4 Market Equilibrium :** Single commodity market model, Price and output determination in perfect competition, monopoly and imperfect competition and application.	12	10/04/2021 to 30/04/2021	Seminar	Semester End Exam 12 to 27 May 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-II)

(January 2021 to April 2021)

1. **Details of Classes to be taught**

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.A. I Sem. II	Jeevan Hanmantrao Gaikwad	Economics	Micro Economics - v	60 (4-credits)

2. **Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit – 1 Monopolistic Competition :** Introduction; Features of monopolistic competition; Price and output determination, Short run and long run equilibrium of firm, selling costs and their implications on equilibrium. Wastes under monopolistic competition.	14	28/01/2021 to 23/02/2021	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 February 2021
2	**Unit – 2 Duopoly and Oligopoly :** A) Duopoly – meaning and features. The Cournot model. The Bertrand model. The Edgewoth model. B) Oligopoly – Meaning and features, Price determination under oligopoly. The Sweezy model of kinked demand curve, Collusive oligopoly, the low – cost price leadership model, the dominant firm price leadership model.	16	24/02/2021 to 25/03/2021	Power point presentation	
3	**Unit – 3 Limit Pricing Theories :** Bain's Limit pricing theory, Theory of full cost. Williamson's managerial discretion model. Boumol's sales maximization model. Morris Model.	16	30/03/2021 to 29/04/2021	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 April 2021
4	**Unit – 4 Welfare Economics :** Meaning of welfare – Role of value judgments in welfare economics. Pigovian welfare conditions, Pareto optimality – Externalities and Pareto Optimality. Amartya Sen's Approach	14	03/05/2021 to 25/05/2021	Seminar	Semester End Exam 12 to 27 May 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-II)

(January 2021 to April 2021)

1. **Details of Classes to be taught**

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.A. I Sem. II	Jeevan Hanmantrao Gaikwad	Economics	Mathematical Economics - VIII	60 (4-credits)

2. **Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit – 1 Market Structure :** a) Types of various market, output and price determination in Perfect competition, Monopoly, Monopolistic competition. b) Oligopoly and Duopoly Market Approach - Price and output determination in Oligopoly and Duopoly. Applications of mathematics in Business Economics.	20	29/01/2021 to 05/03/2021	Group Discussion	Unit Test – I Assignment Chapters 1, 2 20 to 28 February 2021
2	**Unit – 2 Theory of Game :** Basic Concepts in game theory Two person's zero sum game, constant sum game, pay-off matrix, oligopoly and game theory.	16	06/03/2021 to 03/04/2021	Power point presentation	
3	**Unit – 3 Market Equilibrium :** Single and Two Commodity Market Model and its application; Lagged market equilibrium.	12	05/04/2021 to 26/04/2021	Class Seminar	Unit Test – II MCQ Chapter 3 ,4 22 to 30 April 2021
4	**Unit – 4 Theory of Distribution :** Adding up theorem, Ricardian theory of Distribution, Marxian theory of distribution, Kaldor's theory of distribution.	14	27/04/2021 to 24/05/2021	Seminar	Semester End Exam 12 to 27 May 2021

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Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

Teaching Plan (Semester-IV)

(January 2021 to April 2021)

1. **Details of Classes to be taught**

Sr. No.	Class	Name of Assist. Professor	Subject	Paper	Total Lecturers:
1	M.A. II Sem. IV	Jeevan Hanmantrao Gaikwad	Economics	Quantitative Techniques – XVII	60 (4-credits)

2. **Summary of Lesson Plan**

Sr. No.	Unit and Chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test / Assignment with topic and date
1	**Unit - 1 Probability Theory:-** a) Concept of Probability, Classical and empirical definition of Probability – meaning of event, types of event. b) Laws of addition and multiplication theory of Probability	14	29/01/2021 to 22/02/2021	Power point presentation	Unit Test – I Assignment Chapters 1, 2 20 to 28 February 2021
2	**Unit – 2 Theoretical distributions:-** a) Binomial distribution: - Meaning, Characteristics of Binomial distribution, Fitting of Binomial distribution b) Poisson distribution: - Meaning, Characteristics of Poisson distribution, Fitting of Poisson distribution, Mean and variance of Poisson distribution. c) Normal Distribution :- Meaning and characteristics of normal Distribution, application of the normal distribution	15	23/02/2021 to 20/03/2021	Group Discussion	
3	**Unit - 3 a) Hypothesis:-** Meaning and types of hypothesis b) Continuous Distribution :- i) Students "t" distribution ii) Chi-Squares (2) distribution iii) "F" distribution iv) Analysis of variance(ANOVA)	15	22/03/2021 to 20/04/2021	Quiz Contest	Unit Test – II MCQ Chapter 3 ,4 22 to 30 April 2021
4	**Unit – 4 Analysis of Times series:-** Introduction, Meaning, components of times series, measurement of trend 1. Graphic of freehand method 2. Method of semi average 3. Principle of least square method 4. Method of moving average a. Measurement of seasonal variation b. Measurement of cyclical variation c. Measurement of irregular variation	16	23/04/2021 to 22/05/2021	Seminar	Semester End Exam 12 to 27 May 2021

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