Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

Structure and Curriculum of Four Year Multidisciplinary Degree (Honors) Programme with Multiple Entry and Exit option

Undergraduate Programme of Humanities & Social Sciences

B.A. (Honors)

in

Economics

Board of Studies
in
Economics
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

w.e.f. June, 2024
(In accordance with NEP-2020)

CERTIFICATE

       I hereby certify that the documents attached are the Bonafide copies of the curriculum of **B.A. (Honors) in Economics** Programme to be effective from the **academic year 2024-25.**

Date: 28/6/2023

Place: Latur

Chairperson
Board of Studies in Economics
Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Members of Board of Studies in the Subject Economics
Under the Faculty of Humanities and Social Sciences

Sr. No.	Name	Designation	In position
1	**Dr B. P. Gadekar** Head, Department of Economics, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	Chairman	HoD
2	**Dr. Kondekar S. S. Assistant** Professor, School of Social Science, SRTMUN, Sub-Center, Peth, Latur.	Member	V.C. Nominee
3	**Dr.Palmante Madhav P.** Associate Professor, Sushiladevi Mahavidyalaya, Latur.	Member	Academic Council Nominee
4	**Dr.Somwanshi Manojkumar** Assistant Professor, Shivneri Mahavidyalaya, Shirur Anantpal, Latur.	Member	Academic Council Nominee
5	**Shri. Tukaram Patil** Dwarkadas Shyamkumar Group, Latur.	Member	Expert from Industry
6	**Priya Londhe** Teacher, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	Member	P.G. Alumni
7	**Mr Gaikwad Jeevan H.** Assistant Professor, Department of Economics, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	Member	Faculty Member
8	**Mrs. Jadhav Rupali N.** Assistant Professor, Department of Economics, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	Member	Faculty Member
9	**Mr R. K. Shaikh** Assistant Professor, Department of Economics, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	Member	Faculty Member
10	**Dr Wavare Mahesh S.** HoD & Associate Professor, Dept. Of Mathematics, Rajarshi Shahu Mahavidyalaya. Lautr, (Autonomous)	Member	Member from same Faculty

OVERVIEW OF THE DEPARTMENT:

The Department of Economics working since the inception of the college i.e. 1970. P.G. program started in June 1979. The department has produced many meritorious students at U.G. and P.G. level by providing quality coaching in the subject. The department has arranged many seminars, conferences, surveys and study tours to create interest and better understanding among the students. The core courses are designed to provide and modify the theoretical and the analytical foundations in Economics. Range of elective courses are offered in applied areas to enable the students to develop their employability and research skills. The skill enhancing courses help students to acquire the required skill for employability. The programme helps students to build their careers in financial services, insurance, human resources, international business, environment management, behavioral economics and research.

The Department of Economics implemented NEP-2020 from the Academic Year 2023-24. As per the guidelines, at 4.5 level i.e. (UG I), two Core courses- DSC - I and DSC- II are introduced. A Vocational Skill Course (VSC) aligned to DSC/Major course is also prescribed. For PG I, three major courses, one Agricultural Economics -I (MEC-I) and one Research Methodology Course (RMC) are introduced.

Head & Research Guide,
Department of Economics
Rajarshi Shahu Mahavidyalaya,
Latur (Autonomous)

Rajarshi Shahu Mahavidyalaya, Latur

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Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Faculty of Humanities and Social Sciences
Structure for Four Year Multidisciplinary Undergraduate Degree Programme in Economics Multiple Entry and Exit (In accordance with NEP-2020)

| Year & Level | Sem | Major | | Minor | GE/OE | VSC/ SEC (VSEC) | AEC/ VEC | OJT,FP,CEP, RP | Credit per Sem. | Cum./Cr. per exit |
		DSC	DSE							
1	2	3		4	5	6	7	8	9	10
I 4.5	III	DSC V: 04 Cr. DSC VI: 04 Cr.	NA	Minor I: 04 Cr.	NA	SEC-I: 02 Cr.	AEC-III Eng. : 02 Cr.	CC-I: 02 Cr. (SSC) Field Project: 02 Cr.	22	44 Cr. UG Certificate
	IV	DSC VII: 04 Cr. DSC VIII: 04 Cr.	NA	Minor II: 04 Cr.	NA	SEC-II: 02 Cr.	AEC-IV Eng. : 02 Cr.	CC-II: 02 Cr. (SSC) Field Project: 02 Cr.	22	
	Cum. Cr.	16	-	08	-	04	04	08	44	
Exit Option: Award of UG Certificate in Major with 44 Credits and Additional 04 Credits Core NSQF Course/Internship or continue with Major and Minor										

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Abbreviations:

1. DSC   : Discipline Specific Core (Major)

2. DSE   : Discipline Specific Elective (Major)

3. DSM   : Discipline Specific Minor

4. GE/OE   : Generic/Open Elective

5. VSEC   : Vocational Skill and Skill Enhancement Course

6. VSC   : Vocational Skill Courses

7. SEC   : Skill Enhancement Course

8. AEC   : Ability Enhancement Course

9. MIL   : Modern Indian Languages

10. IKS   : Indian Knowledge System

11. FSRCE   : Fostering Social Responsibility & Community Engagement

12. VEC   : Value Education Courses

13. OJT   : On Job Training

14. FP   : Field Projects

15. CEP   : Community Engagement and Service

16. CC   : Co-Curricular Courses

17. RP   : Research Project/Dissertation

18. SES   : Shahu Extension Services

Rajarshi Shahu Mahavidyalaya, Latur

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Department of Economics

B.A. (Honors) Economics

Year & Level	Semester	Course Code	Course Title	Credits	No. of Hrs.
I 4.5	III	(DSC-V)	Macro Economics-I	04	60
		(DSC-VI)	Basic Statistics-I	04	60
		GE-I	From Basket	04	60
		(Minor- I)	Economy of Maharashtra	04	30
		(SEC-I)	Data Collection & Analysis	02	30
		(AEC-I)	From Basket	02	30
		(VEC-I)	Constitution of India	02	30
		AIPC/OJT-I	Mini Project	02	60
	Total Credits			**22**	
	IV	(DSC-VII)	Macro Economics-II	04	60
		(DSC-VIII)	Basic Statistics-II	04	60
		GE-II	From Basket	04	60
		(Minor- II)	Indian Economy	04	30
		(SEC-II)	Communication and Presentation	02	30
		(AEC-II)	From Basket	02	30
		(VEC-II)	FSRCE (CBPR)	02	30
		AIPC/OJT-II	Mini Project	02	60
	Total Credits			**22**	
Total Credits (Semester III & VI)				**44**	

Rajarshi Shahu Mahavidyalaya, Latur

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Faculty of Humanities and Social Sciences

Programme Outcomes (POs) for B.A. Degree Programme	
PO 1	**Disciplinary Knowledge** Knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough to solve real life problems.
PO 2	**Social Competence** Social skills to develop interpersonal relationship in both personal and Professional life. Effective use of communication skills to demonstrate multicultural sensitivity in large groups.
PO 3	**Self-Directed Life-long Learning** Ability to appear for various competitive examinations or choose the post graduate programme of their choice.
PO 4	**Inter Personal and Social Skills** Ability to think and work with the social, economic, historical, geographical, political, ideological and philosophical tradition and thinking framing the base to deal with people and various problems in life with courage and humanity.
PO 5	**Problem Solving Skills** Problem solving and Analytical skills to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
PO 6	**Professional Competence and Ethics** The students develop an ability to do a job or enter in a profession or become an employee in economic firm, business and organization and work there with human rationale and moral values.

Programme Specific Outcomes (PSOs) for B.A. (Honors) in Economics	
PSO No.	Upon completion of this programme the students will be able to
PSO 1	The students will be able to apply the knowledge of law, history, statistics, Governance, actuarial, foreign exchange, financial, entrepreneurship, data analysis across the discipline of Economics.
PSO 2	Some courses will help the students to develop an understanding of the theoretical, analytical and methodological approaches used within the discipline.
PSO 3	On successful completion of the Programme, the students will be able to develop the ability to explain core economics terms, concepts and theories.
PSO 4	Student will be able to work cooperatively &demonstrate awareness that economic problems may be enable to more than one analytical approach.
PSO 5	Students will also learn current economic situations and economic policies such as monetary and fiscal policy.
PSO 6	To think critically and creatively to respond towards dynamic global business and economic environment.
PSO 7	To conduct preliminary economic analysis.
PSO 8	To develop a multidisciplinary perspective to contribute indicatively towards business, economic and environment sustainability.
PSO 9	To enable students to involve in lifelong learning in the pursuit of excellence.

Semester - III

Rajarshi Shahu Mahavidyalaya, Latur
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Department of Economics

Course Type : DSC-V
Course Title : Macro Economics- I
Course Code : 201ECO3101
Credits   : 04   **Max. Marks: 100**   **Lectures: 60 Hrs.**
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Learning Objectives:

LO1   To introduce students Meaning, Nature, Scope, Importance and Limitation of Macro Economics
LO2   To inform Meaning of National Income , Methods of National Income Accounting and its Problems
LO3   To understand concepts from macro economics theories of employment – output,
LO4   To provide knowledge about Barter system and its defects .
LO5   To understand meaning, types and functions of money, Money Multiplier and High power Money

Course Outcomes:

After the completion of this course, the stdents will be able to:

CO1   Understand the Differentitate between Micro and Macro Economics,Nature, Scope, Importanceof Macro Economics
CO2   Comprhend the Meaning of National Income, Methods of National Income Accounting and its Problems
CO3   Know the concepts from Macro Economics theories of employment -output,
CO4   Identification of Barter system and its defects , meaning, types and functions of money, Money Multiplier and High power Money.

Unit No.	Title of Unit & Contents	Hrs.
I	**Nature and scope of Macro Economics:-**	**15**
	1 Meaning and Nature of Macro Economics 2 Scope of Macro Economics 3 Importance of Macro Economics 4 Limitation of Macro Economics 5 Difference between Micro and Macro Economics 6 Interdependence of Micro and Macro Economic theory.	
	Unit Outcomes: UO1 Students will understand Meaning, Nature, Scope, Importance and Limitation of Macro Economics.	
II	**National Income:-**	**15**
	1 Meaning and concepts of National Income 2 GNP 3 NNP 4 GDP 5 NDP 6 PCI	

Unit No.	Title of Unit & Contents	Hrs.
	7 Methods of National Income Accounting and its Problems	
	Unit Outcome: UO1 It aims to provide the information about various concepts of National Income, Methods of National Income Accounting and its Problems.	
III	**Theories of Output and Employment:-**	**17**
	1 Say's Law of market 2 Classical theory of Employment 3 Keynes objection to the Classical theory. 4 Aggregate Demand and Supply functions 5 Principal of Effective Demand 6 Consumption function 7 Average propensity to consume 8 Marginal propensity to consume 9 Average propensity to saving 10 Marginal propensity to saving	
	Unit Outcome: UO1 Students will get knowledge about theories of output and employment.	
IV	**Evolution and function of money:-**	**13**
	1 High power Money 2 Definition of money 3 Barter system and its defects 4 Types of Money 5 Money Multiplier 6 Functions of Money.	
	Unit Outcomes: UO1 Students will understand the barter system and its defects, meaning, types and functions of money, high power money and money multiplier.	

Learning Resources:

1. Macro Economics: Theory and Policy, Ackley, G (1976), Macmillan Publishing Company, New York.
2. Outline of Monetary Economics, Day, A.C.L. (1960), Oxford University Pres Oxford.
3. Monetary Economics, Gupta, S.B. (1994) S.Chand and Co.Delhi.
4. Frundations of modern macro economics, Heijdra, B.J. and F.V. Ploeg (2001), Oxford University Press, Oxford.
5. Monetary Economics, Lewis, M.K. and P.D. Mizan (2002), , Oxford University Press, New Delhi.
6. Macro economics Analysis, Shapiro, E. (1996), Galgotia Publcations, New Delhi.
7. Macro Economics, Theory and Policy, Ahuja H.L. (2002), S.Chand and Co.Ltd., New Delhi.
8. The Economics of John Maynard Keynes; Dillard, D. (1960), Cross by lock wood and sons, London.
9. A Guide to Keynes, Hanson, A.H. (1953), McGraw Hill, New York.

Rajarshi Shahu Mahavidyalaya, Latur
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Department of Economics

Course Type : DSC-VI
Course Title : Basic Statistics - I
Course Code : 201ECO3102
Credits   : 04   **Max. Marks: 100**   **Lectures: 60 Hrs.**

Learning Objectives:
After studying this course student will in a position to understand –
LO1   To provide knowledge about Meaning, importance, scope, and Limitations of Statistics.
LO2   It is meant provide knowledge of Introduction, objectives and scope of Enquiry, various methods of collection of data.
LO3   To provide knowledge about concept of central tendency such as- Mean, Median, Mode, Quartiles, Deciles and Percentile.
LO4   To inform students types of Dispersion – Range, Quartile Deviation, Mean Deviation and Standard Deviation and its co-efficient.

Course Outcomes:
After the completion of this course, the stdents will be able to:
CO1   Comprhend the Meaning, importance, scope, and Limitations of Statistics
CO2   Know the meaning of enquiry, objective and scope of Enquiry, various methods of collection of data.
CO3   Understand the knowledge about concept of central tendency and its practical knowledge.
CO4   Comprhend the types of dispersion – range, quartile deviation, mean deviation and standard deviation and its co-efficient

Unit No.	Title of Unit & Contents	Hrs.
I	**Introduction:**	**12**
	1 Meaning & Definition of Statistics 2 Importance of Statistics 3 Functions of statistics. 4 Scope of Statistics 5 Limitations of Statistics	
	Unit Outcome: UO1 Students will understand Meaning, importance, scope, and Limitations of Statistics	
II	**Collections of Data:**	**15**
	1 Introduction and Objectives 2 Scope of Enquiry 3 Methods of Collection of data 4 Primary Data – Methods of collecting of primary data 5 Sources of secondary data.	
	Unit Outcome: UO1 Students will get information about concept of Enquiry, objective and scope of Enquiry, various methods of collection of data.	

Unit No.	Title of Unit & Contents	Hrs.
III	**Measures of Central Tendency:**	18
	1 Types of central tendency : Mean 2 Median 3 Mode 4 Quartiles 5 Deciles 6 Percentile	
	Unit Outcomes: UO1 Students will understand the concepts of central tendency such as- Mean, Median, Mode, Quartiles, Deciles and Percentile.	
IV	**Measures of Dispersion:**	15
	1 Types of Dispersion – Range 2 Quartile Deviation and its co-efficient 3 Mean Deviation and its co-efficient 4 Standard Deviation and its co-efficient.	

	Unit Outcome:
	UO1 Students will get Knowedge about concept of dispersion– range,
	       quartile deviation, mean deviation and standard deviation and its co-
	       efficient.	

Learning Resources:

1. Mathematical Analysis for Economists, Allen, R.G.D. (1974), Macmilian Press, London.
2. Applied general statistics, Croxfon, F.E. Cowden D.J. and Kleins (1973), prentice Hall, New Delhi.
3. Fundamentals and applied statistics, Gupta, S.C. and Kapoor V.K. (1993), S.Chand & Sons; New Delhi.
4. Theory and problems of statistics, Speigal, M.R. (1992), McGraw Hill Book,London.
5. Statistics, M.C. Sukla, S.S. Gulshan, , S.Chand & Company Ltd., New Delhi.
6. Statistical Methods, Gupta S.C.
7. Statistical Methods, Gupta S.P.
8. मूलभूत सांख्यिकी, प्रा. राम देशमुख, विद्या प्रकाशन नागपूर.

Rajarshi Shahu Mahavidyalaya, Latur
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Department of Economics

Course Type : DSM-I
Course Title : Economy of Maharashtra
Course Code : 201ECO3301
Credits   : 04   **Max. Marks: 100**   **Lectures: 60 Hrs.**

Learning Objectives
LO1   To introduce students main characteristics of economy in Maharashtra.
LO2   To aware about role of Agriculture in economy of Maharashtra.
LO3   To study the Issue of farmers suicide in Maharashtra.
LO4   To consider the role of Industry and Service sector in economy of Maharashtra.
LO5   To inform the Human Development in Maharashtra.
LO6   To introduce students Infrastructure in Maharashtra.

Course outcomes
After completion of course the student will be able to-
CO1   Understand the General Characteristics of Economy of Maharashtra
CO2   Understand the Poverty, Unemployment and Human Development in Maharashtra
CO3   Analyze the Role of agriculture and Industry in economy of Maharashtra.
CO4   Comprhend the Service Sector in Maharashtra.
CO5   Identification of Infrastructure in the Economy of Maharashtra

Unit No.	Title of Unit & Contents	Hrs.
I	**Introduction to Economy of Maharashtra**	**15**
	1) General Characteristics of Economy of Maharashtra, 2) Analysis of Current Economic Survey of Maharashtra, 3) Population: Size and growth rates, Sex ratio, Literacy, Density of Population, Causes of growth of Population, 4) Poverty and Unemployment in Maharashtra 5) Human Development in Maharashtra –Concept & Importance, District wise HDI in Maharashtra.	
	Unit Outcome: UO1 Students will understand information about Characteristics of Economy of Maharashtra, Poverty, Unemployment and Human Development in Maharashtra	
II	**Agriculture and Industrial Sector in Maharashtra**	**15**
	1 Role of agriculture in economy of Maharashtra, 2 Significance of Agriculture in budget of Maharashtra, 3 Agriculture Productivity: Meaning, Definition, causes and Remedies of Low Productivity, 4 Issue of Farmer's Suicide and Agricultural Policy in Maharashtra, 5 Industry: Definition, Structure and importance of Industries, 6 New Industrial Policy's of Maharashtra,	
	Unit Outcome: UO1 It aims to provide the information about Role of agriculture and Industry in economy of Maharashtra.	

Unit No.	Title of Unit & Contents	Hrs.
III	**Service Sector in Maharashtra**	**15**
	1 Role of service sector in the economy of Maharashtra 2 Contribution of service sector in Maharashtra 3 Role of service sector in employment 4 Role of service sector in Agriculture and Industrial Development 5 Development of Service Sector in Maharshtra-1950 -2023.	
	Unit Outcomes: UO1 Students will comprehend the Service Sector in Maharashtra.	
IV	**Infrastructure in the Economy Maharashtra:**	**15**
	1 Importance of infrastructure in economic Development, 2 Economic infrastructure Development in Maharashtra: Road, Railway Water and Air Transport: Development in Maharashtra, 3 Problems of Transport Development in Maharashtra and Remedies. 4 Generation of electricity: Generation of electricity in different regions of Maharashtra, Problems and remedies of Generation of electricity, 5 Social infrastructure Development in Maharashtra: Health and education facilities in Maharashtra. 6 Regional Imbalance in Maharashtra	
	Unit Outcome: UO1 Students will understand the Infrastructure in the Economy of Maharashtra.	

Learning Resources:

1. Maharashtrachi Arthvyavastha (Marathi), Solunke R.S., Kailas Publications, Aurangabad.
2. Maharashtrachi Arthvyavastha (Marathi), B.D., Ingle , Aruna Publications, Latur.
3. Maharashtrachi Arthvyavastha (Marathi), Kurulkar R. P. (1997) : VidyaPrakashan,RuikarMarg,Nagpur. Page No. 153 to 179.
4. Suvarna Mahotsavi Maharashtrachi Badalati Arthvyavastha (Marathi), Patil J. F. (2010) : Abhijit Pratap Pawar, Sakal Papers Ltd., 595, BudhwarPeth, Pune-411002Page No. 41 to 57.
5. Maharashtrachi Arthik Pahani – Paryayi Drushtikon (Marathi), Pansare Govind (2012) : ShramikPratishthan, Red Plug Bldg.,BinduChowk,Kolhapur, Page No. 159 to 195.
6. Population Census of Maharashtra-2011.
7. Maharashtra Development Report 2007- Planning Commission, Govt. of India, New Delhi.
8. World Bank (2002) India :Maharashtra Reorienting Govt. to Facilitate Growth and Reduce Poverty.
9. Maharashtra Rajya Niyojan Mandal (2002) :ManavVikasAhawal,Maharashtra.
10. Government of Maharashtra :Economic Survey of Maharashtra, Various Issues.

Semester - IV

Rajarshi Shahu Mahavidyalaya, Latur
(Autonomous)
Department of Economics

Course Type **:** DSC-VII
Course Title **:** Macro Economics- II
Course Code **:** 201ECO4101
Credits   **:** 04   **Max. Marks: 100**   **Lectures: 60 Hrs.**

Learning Objectives:

After studying this course student will in a position to understand –

LO1   To inform students Theory's of Money
LO2   The course will also provide knowledge about demand for money and supply of money.
LO3   To understand meaning of interest rate and various Theory's of interest rate.
LO4   To provide knowledge about concepts and phases of trade cycle, various Theory's of trade cycle.

Course Outcomes:

After the completion of this course, the stdents will be able to:

CO1   Know the various Theory's of Money
CO2   Understand the concepts of money supply and demand for money.
CO3   Comprhend the meaning of interest rate and various Theory's of interest rate.
CO4   Understand the concepts and phases of trade cycle, various Theory's of trade cycle.

Unit No.	Title of Unit & Contents	Hrs.
I	**Theory's of Money: -**	**12**
	1 Fisher's transaction approach 2 Cash balance approach 3 Comparison between Transaction and Cash balance approach 4 Keynesian approach.	
	Unit Outcome: UO1 Students will understand various Theory's of Money.	
II	**Supply and Demand for Money: -**	**18**
	1 Meaning & Concepts of money supply 2 M1 3 M2 4 M3 5 M4 6 Determinates of money supply 7 Fishers approaches demand for money 8 Keynesian approaches demand for money	
	Unit Outcome: UO1 It aims to provide the information about various concepts of supply of money and views on demand for money.	
III	**Theories of Interest Rate :**	**12**
	1 Meaning of Interest Rate 2 Classical Theory of Interest Rate 3 Neo-Classical Theory of Interest Rate 4 Keynesian Theory of Interest Rate.	

Unit No.	Title of Unit & Contents	Hrs.
	5 Modern Theory of Interest Rate.	
	Unit Outcomes:	
	UO1 Students will get information about concept of interest rate and theories of interest rate.	
IV	**Trade Cycles: -**	**18**
	1 Meaning & Concepts of Trade cycle	
	2 Characteristics of Trade cycle	
	3 Phases of trade cycle	
	4 Haw trey's monetary theory of Trade cycle	
	5 Hayek's Over Investment theory of Trade cycle	
	6 Keynes's view on trade cycle	
	7 Hick's multiplier- accelerator interaction model	
	8 Control of trade cycle.	
	Unit Outcomes:	
	UO1 Students will understand the concepts and phases of trade cycle,various Theory's of trade cycle.	

Learning Resources:

1. Macro Economics: Theory and Policy, Ackley, G (1976), Macmillan Publishing Company, New York.
2. Outline of Monetary Economics, Day, A.C.L. (1960), Oxford University Pres Oxford.
3. Monetary Economics, Gupta, S.B. (1994) S.Chand and Co.Delhi.
4. Frundations of modern macro economics, Heijdra, B.J. and F.V. Ploeg (2001), Oxford University Press, Oxford.
5. Monetary Economics, Lewis, M.K. and P.D. Mizan (2002), , Oxford University Press, New Delhi.
6. Macro economics Analysis, Shapiro, E. (1996), Galgotia Publcations, New Delhi.
7. Macro Economics, Theory and Policy, Ahuja H.L. (2002), S.Chand and Co.Ltd., New Delhi.
8. The Economics of John Maynard Keynes; Dillard, D. (1960), Cross by lock wood and sons, London.
9. A Guide to Keynes, Hanson, A.H. (1953), McGraw Hill, New York.

Rajarshi Shahu Mahavidyalaya, Latur
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Department of Economics

Course Type : DSC-VIII
Course Title : Basic Statistics- II
Course Code : 201ECO4102
Credits   : 04   **Max. Marks: 100**   **Lectures: 60 Hrs.**

Learning Objectives
After studying this course student will in a position to understand –
LO1   To provide knowledge to student Diagrammatic and Graphic Presentations of Data.
LO2   To inform to students what is the Difference between tabulation and Classification.
LO3   To introduce to students Rules of Constructing Diagrams and graphs
LO4   To provide knowledge about Meaning of Co-relation, its types and How to calculate Co-relation.
LO5   The course will also provide knowledge about Index Number, its importance and Methods of Constructing Index Numbers.
LO6   To understand Definition and Component of Time Series, Measurement of trend.

Course outcomes
After completion of course the student will be able to-
CO1   Understand the Rules of Constructing Diagrams and Graph.
CO3   Analyze the Graphic and Diagrammatic Presentation of Data.
CO4   Comprehend the Meaning, Significance of studying correlation and types of Co-relation.
CO5   Understand the knowledge about Index Number, its importance and Methods of Constructing Index Numbers.
CO6   Comprehend the Definition and Component of Time Series, Measurement of trend.

Unit No.	Title of Unit & Contents	Hrs.
I	**Diagrammatic and Graphic Representation:**	14
	1 Introduction- Difference between Diagrams and Graphs	
	2 Rules of Constructing Diagrams	
	3 Types of Diagrams- One Dimensional, Two Dimensional & Three Dimensional Diagrams	
	4 Graphic Presentation of Data	
	5 Technique of Construction of Graphs, General Rules of Graphing,	
	6 Histograms.	
	7 Frequency Polygon	
	8 Frequency Curve	
	9 Cumulative Frequency Curve or Ogive Curve.	
	Unit Outcome:	
	UO1 Students will understand Rules of Constructing Diagrams and Graph, Types of Diagrams and Graphic Presentation of Data.	
II	**Co- Relations:**	16
	1 Meaning and Definitions	
	2 Significance of studying correlation	
	3 Types of correlation: Positive and negative correlation, Simple, partial and multiple correlation	
	4 Linear and Non-linear correlation	

Unit No.	Title of Unit & Contents	Hrs.
	5 Methods of studying correlation: Scatter diagram method, Graphic method,	
	6 Karl Pearson's coefficient of correlation.	
	7 Rank Correlation of Co-efficient.	
	Unit Outcome:	
	UO1 Students will get information about Meaning, Significance of studying correlation, types of Co-relation and Methods of studying correlation.	
	UO2 Students will understand Rank Correlation of Co-efficient.	
III	**Index Numbers:**	**15**
	1 Introduction	
	2 Use and importance of Index Number	
	3 Problems in Construction of Index Numbers	
	4 Methods of Constructing Index Numbers: Simple Aggregate Method	
	5 Weighted Aggregate Method	
	6 Laspyer's, Price Index	
	7 Paasche's Price Index	
	8 Fisher's Price Index.	
	Unit Outcomes:	
	UO1 Students will understand Index Number, its importance and Methods of Constructing Index Numbers.	
IV	**Analysis of Time Series:**	**15**
	1 Definition of Time Series	
	2 Component of Time Series	
	3 Secular trend	
	4 Seasonal variations	
	5 cyclical variations	
	6 Irregular variations	
	7 Measurement of trend: Freehand or graphic method	
	8 Method of semi-averages	
	9 Method of moving averages	
	10 Method of least squares.	
	Unit Outcome:	
	UO1 Students will get Knowedge about concept of Time Series Analysis, Component of Time Series and Measurement of trend.	

Learning Resources:

1. Mathematical Analysis for Economists, Allen, R.G.D. (1974), Macmilian Press, London.
2. Applied general statistics, Croxfon, F.E. Cowden D.J. and Kleins (1973), prentice Hall, New Delhi.
3. Fundamentals and applied statistics, Gupta, S.C. and Kapoor V.K. (1993), S.Chand & Sons; New Delhi.
4. Theory and problems of statistics, Speigal, M.R. (1992), McGraw Hill Book,London.
5. Statistics, M.C. Sukla, S.S. Gulshan, , S.Chand & Company Ltd., New Delhi.

6. Statistical Methods, Gupta S.C.
7. Statistical Methods, Gupta S.P.
8. मूलभूत सांख्यिकी, प्रा. राम देशमुख, विद्या प्रकाशन नागपूर.

Rajarshi Shahu Mahavidyalaya, Latur
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Department of Economics

Course Type : DSM-II
Course Title : Indian Economy -I
Course Code : 201ECO4301
Credits   : 04   **Max. Marks: 100**   **Lectures: 60 Hrs.**

Learning Objectives
LO1   Students will able to comprehend and appraise current Indian economic problems.
LO2   Students to have an understanding of the various issues/components of the Indian economy.
LO3   Students to have an understanding the concept of national income.
LO4   To give idea to student about agriculture and Industry infrastructure.
LO5   To students get whole information about our economy.

Course outcomes
After completion of course the student will be able to-

CO1   Students to learn about the features of Indian economy.
CO2   Students got the knowledge of basic concept of economy.
CO3   Students got knowledge about challenges before of Indian economyEx. poverty, black money etc.
CO4   Students understood the information of challenges of Indian economy**.**

Unit No.	Title of Unit & Contents	Hrs.
I	**Basic Concept of Economy and National Income**	**15**
	1 Meaning and definition of Economy 2 Types of Economy- Traditional Economy, Mixed Economy, socialist Economic, Market Economy 3 Features of Economy 4 Characteristics of Indian Economy. 5 Structure of Indian Economy 6 India Economic development.	
	Unit Outcome: UO1 Students understood information about traditional, mixed and socialist Economy.	
II	**National Income in India**	**15**
	1 Definition of National Income 2 Categories of National Income - GDP, GNP, NNP, NDP, PCI 3 Methods of Measuring National income 4 Major limitation of National Income account 5 Importance of national Income 6 Measures of national income	
	Unit Outcome: UO1 Students noticed that GNP, GNI, GDP, methods of measuring National income.	
III	**Economic Growth and Development**	**15**
	1 Meaning and Definition 2 Features 3 Difference between growth and development	

Unit No.	Title of Unit & Contents	Hrs.
	4 Indicators of development - HDI, GNI, GII	
	5 Sources of Energy -conventional and non-conventional energy sources	
	6 Transport system in India - Air, Railways, Road, Water and Communication	
	Unit Outcomes:	
	UO1 Student got that knowledge about Economic growth, indicators of development like HDI, GNI.	
IV	**Challenges of Indian Economy**	**15**
	1 Poverty - Definition ,causes of poverty, Types of poverty - Relative and Absolute, Measures of poverty alleviation	
	2 Unemployment-Definitions and Types of Unemployment , causes of Unemployment	
	3 Explosion of population	
	4 Black money	
	5 Inflation - causes of inflation ,Alternative indicators of inflation, Anti inflationary policy of the Government	

Learning Resources:

1. भारतीय अर्थव्यवस्था विकास व पर्यावरणीय अर्थशास्त्र, डॉ. जी. एन. झामरे, , पिंपळापुरे प्रकाशन, नागपूर.

2. भारतीय अर्थव्यवस्था, रायखेलकर, दामजी, विद्या प्रकाशन, औरंगाबाद.

3. भारतीय अर्थकारण अर्थव्यवस्था, भालेराव, देसाई, निराळी प्रकाशन, दिल्ली.

4. Indian Economy, Datt & Sundaram, S. Chand Publication, Delhi

5. Indian Economy, Mishra & Puri, Himalaya Publication, Mumbai.

6. Indian Economy, Pratiyogita Drapan, Pratiyogiya Sahity Sreries.

7. Economic Planning in India ,Jain,A.K., Ashish Publishing House ,New Delhi (1986)

8. Economic Survey (Annual) ,Government of India ,Ministry of Finance , New Delhi.

9. India:Macro Economics and Political Economy,Joshi,V.and I.M.D.Little,Oxford University Press ,New Delhi (1999)

10. Pratiyogita Darpan ,Himalya Publication,Delhi (2017).

Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

UG First Year

Extra Credit Activities

Sr. No.	Course Title	Course Code	Credits	Hours T/P
1	MOOCs		Min. of 02 credits	Min. of 30 Hrs.
2	Certificate Courses		Min. of 02 credits	Min. of 30 Hrs.
3	IIT Spoken English Courses		Min. of 02 credits	Min. of 30 Hrs.

Guidelines:

Extra -academic activities

- All extra credits claimed under this heading will require sufficient academic input/ contribution from the students concerned.
- Maximum 04 extra credits in each academic year will be allotted.
- These extra academic activity credits will not be considered for calculation of SGPA/CGPA but will be indicated on the grade card.

Additional Credits for Online Courses:

1. Courses only from SWAYAM and NPTEL platform are eligible for claiming credits.
2. Students should get the consent from the concerned subject Teacher/Mentor/Vice Principal and Principal prior to starting of the course.
3. Students who complete such online courses for additional credits will be examined/verified by the concerned mentor/internal faculty member before awarding credits.
4. Credit allotted to the course by SWAYAM and NPTEL platform will be considered as it is.

Additional Credits for Other Academic Activities:

1. One credit for presentation and publication of paper in International/National/State level seminars/workshops.
2. One credit for measurable research work undertaken and field trips amounting to 30 hours of recorded work.
3. One credit for creating models in sponsored exhibitions/other exhibits, which are approved by the concerned department.
4. One credit for any voluntary social service/Nation building exercise which is in collaboration with the outreach center, equivalent to 30 hours
5. All these credits must be approved by the College Committee.

Additional Credits for Certificate Courses:

- Students can get additional credits (number of credits will depend on the course duration) from certificate courses offered by the college.
- The student must successfully complete the course. These credits must be approved by the Course Coordinators.
- Students who undertake summer projects/ internships/ training in institutions of repute through a national selection process, will get 2 credits for each such activity. This must be done under the supervision of the concerned faculty/mentor.

Note:

- The respective documents should be submitted within 10 days after completion of Semester End Examination.
- No credits can be granted for organizing or for serving as office bearers/ volunteers for Inter-Class / Associations / Sports / Social Service activities.
- The office bearers and volunteers may be given a letter of appreciation by the respective staff coordinators. Besides, no credits can be claimed for any services/activities conducted or attended within the college.
- All claims for the credits by the students should be made and approved by the mentor in the same academic year of completing the activity.
- Any grievances of denial/rejection of credits should be addressed to Additional Credits Coordinator in the same academic year.
- Students having a shortage of additional credits at the end of the third year can meet the Additional Credits Coordinator, who will provide the right advice on the activities that can help them earn credits required for graduation.

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Examination Framework

Theory:

40% Continuous Assessment Tests (CATs) and 60% Semester End Examination (SEE)

Practical:

50% Continuous Assessment Tests (CATs) and 50% Semester End Examination (SEE)

Course	Marks	CAT & Mid Term Theory				CAT Practical		Best Scored CAT & Mid Term	SEE	Total
1	**2**	**3**				**4**		**5**	**6**	**5 + 6**
		Att.	CAT I	Mid Term	CAT II	Att.	CAT			
DSC/DSE/ GE/OE/Minor	100	10	10	20	10	-	-	40	60	100
DSC	75	05	10	15	10	-	-	30	45	75
Lab Course/AIPC/ OJT/FP	50	-	-	-	-	05	20	-	25	50
VSC/SEC/ AEC/VEC/CC	50	05	05	10	05	-	-	20	30	50

Note:

1. All Internal Exams are compulsory
2. Out of 02 CATs, best score will be considered
3. Mid Term Exam will be conducted by the Exam Section
4. Mid Term Exam is of Objective nature (MCQ)
5. Semester End Exam is of descriptive in nature (Long & Short Answer)
6. CAT Practical (20 Marks): Lab Journal (Record Book) 10 Marks, Overall Performance 10 Marks.