

*Progressive Education Society's*

**Modern College of Arts, Science and Commerce (Autonomous),**

**Shivajinagar, Pune 5**

**(An Autonomous College Affiliated to Savitribai Phule Pune University)**

# Framework of Syllabus For

## B.A. (Economics)

(Based on NEP 2020 framework)

(To be implemented from the Academic Year 2023-24)

## Semester 1 (First Year)

Course Type	Course	Course / Paper Title	Course Code	Hours / Week	Credit	CI	SE	Total
<b>Major Mandatory (4 + 2)</b>	Major Paper 1 (Theory)	Indian Economic Environment	23ArEcoU1101	4	4	40	60	100
	Major Paper 2 (Theory)	Indian Financial System -I	23ArEcoU1102	2	2	20	30	50
<b>Major Electives</b>	-							
<b>Minor</b>	-							
<b>OE (2 + 2)</b>		Fundamentals of Economics	23ArEcoU1401	2	4	40	60	100
		Democracy, Election and Governance	23ArCopU1402	2				
<b>VSC (2)</b>	Major Specific Practical I	Indian Economic Environment (P)	23ArEcoU1501	4	2	20	30	50
<b>SEC (2)</b>	Skill Paper 1 (Theory)	English for Administration and Services I / Commercial German – I (DaF im Unternehmen – I) / कार्यालयीहिंदी / प्रसारमाध्यम आणि समाजमाध्यमांचे प्रकार	23ArEngU1601 / 23ArGerU1601 / 23ArHinU1601 / 23ArMarU1601 /	2	2	20	30	50
<b>AEC(2),</b>	MIL	MIL (Hindi)/ MIL (Marathi)	23CpCopU1701/ 23CpCopU1702	2	2	20	30	50
<b>VEC (2)</b>	EVS Theory	Environment Science I	23CpCopU1801	2	2	20	30	50
<b>IKS (2)</b>	Major Specific Theory	Economic History of India (1850-1947)	23ArEcoU1901	2	2	20	30	50
<b>CC (2)</b>	CC-I Course	Online Course Based on Yoga	23CpCopU1001	2	2	20	30	50
<b>Total</b>				<b>24</b>	<b>22</b>	<b>240</b>	<b>330</b>	<b>550</b>

## Semester 2 (First Year)

Course Type	Course	Course / Paper Title	Course Code	Hours / Week	Credit	C I A	E S E	Total
<b>Major Mandatory (4 + 2)</b>	Major Paper 3 (Theory)	Indian Economic Development	23ArEcoU2101	4	4	40	60	100
	Major Paper 4 (Theory)	Indian Financial System-II	23ArEcoU2102	2	2	20	30	50
<b>Major Electives</b>	-							
<b>Minor</b>	Minor Paper I(Theory)	Introduction to Economics	23ArEcoU2301	2	2	20	30	50
<b>OE (2 + 2)</b>		Introduction to Micro Economics	23ArEcoU2401	2	4	40	60	100
		Democracy, Election and Governance	23ArCopU2402	2				
<b>VSC (2)</b>	Major Specific Practical II	Indian Financial System (P)	23ArEcoU2501	4	2	20	30	50
<b>SEC (2)</b>	Skill Paper II (Theory)	English for Administration and Services II / Commercial German – II (DaF im Unternehmen – II) / समाचारसंकलन और लेखन / प्रसारमाध्यम आणि समाजमाध्यमांसाठी लेखन	23ArEngU2601 / 23ArGerU2601 / 23ArHinU2601 / 23ArMarU2601 /	2	2	20	30	50
<b>AEC(2),</b>	English Theory	English Communication Skills I	23CpCopU2703	2	2	20	30	50
<b>VEC (2)</b>	EVS Theory	Environment Science II	23CpCopU2801	2	2	20	30	50
<b>IKS (2)</b>								
<b>CC (2)</b>	CC-II Course	Physical Education / Cultural Activities, NSS/NCC and Fine/ Applied/ Visual/ Performing Arts Course	23CpCopU2001	2	2	20	30	50
<b>Total</b>				<b>24</b>	<b>22</b>	<b>220</b>	<b>330</b>	<b>550</b>

### Semester 3 (Second Year)

Course Type	Course	Course / Paper Title	Course Code	Hours / Week	Credit	CI	SE	Total
<b>Major Mandatory (4 + 4)</b>	Major Core Paper 5 (Theory)	Micro Economics -I	23ArEcoU3101	4	4	40	60	100
	Major Paper 6 (Theory)	Macro Economics -I	23ArEncoU3102	2	2	20	30	50
	IKS							
<b>Major Electives</b>	-							
<b>Minor (4)</b>	Minor Paper II	Indian Economic Environment	23ArEcoU3301	4	4	40	60	100
<b>OE (2)</b>		Introduction to Macro Economics	23ArEcoU3401	2	2	20	30	50
<b>VSC (2)</b>	Major Specific Practical II	Macro Economics (P)	23ArEcoU3501	4	2	20	30	50
<b>SEC (2)</b>	--	--		--	--	--	--	--
<b>AEC(2),</b>	English Theory	English Communication Skills II	23CpCopU3703	2	2	20	30	50
<b>VEC (2)</b>	--	--		--	--	--	--	--
<b>IKS (2)</b>	--	--		--	--	--	--	--
<b>FP/CEP (2)</b>	FP –I	Micro and Macro Economics Related Field Project	23ArEcoU3002	2	2	20	30	50
<b>CC(2)</b>	CC-III		23CpCopU3001	2	2	20	30	50
<b>Total</b>				<b>24</b>	<b>22</b>	<b>220</b>	<b>330</b>	<b>550</b>

### Semester 4 (Second Year)

Course Type	Course	Course / Paper Title	Course Code	Hours / Week	Credit	CIA	ESE	Total
<b>Major Mandatory (4 + 4)</b>	Major Paper 7 (Theory)	Micro Economics -II	23ArEcoU4101	4	4	40	60	100
	Major Paper 8 (Theory)	Macro Economics -II	23ArEcoU4102	4	4	40	60	100
<b>Major Electives</b>	-							
<b>Minor (4)</b>	Minor Paper III	Indian Financial System	23ArEcoU4301	4	4	40	60	100
<b>OE (2 + 2)</b>		Indian Economy	23ArEcoU4401	2	2	20	30	50
<b>VSC (2)</b>	--	--		--	--	--	--	--
<b>SEC (2)</b>	Skill Paper III (Theory)	English for Administration and Services III / Commercial German – III (DaF im Unternehmen – III) / संपादनप्रक्रियाऔरसाजसज्जा / व्यक्तिमत्त्वविकासआणिकौशल्ये	23ArEngU4601 / 23ArGerU4601 / 23ArHinU4601 / 23ArMarU4601 /	2	2	20	30	50
<b>AEC(2),</b>	MIL	MI-II (Hindi ) / MIL-II (Marathi)	23CpCopU4701/ 23CpCopU4702	2	2	20	30	50
<b>VEC (2)</b>	--	--		--	--	--	--	--
<b>IKS (2)</b>	--	--		--	--	--	--	--
<b>FP / CEP(2)</b>	CEP –I	Community Engagement Project I Financial Literacy	23ArCopU4003	4	2	20	30	50
<b>CC(2)</b>	CC-IV		23CpCopU4001	2	2	20	30	50
<b>Total</b>				24	22	220	330	550

## Semester 5 (Third Year)

Course Type	Course	Course / Paper Title	Course Code	Hours / Week	Credit	C I A	E S E	Total
<b>Major Mandatory (4 + 4 + 2)</b>	Major Core Paper 9 (Theory)	International Economics-I	23ArEcoU5101	4	4	40	60	100
	Major Paper 10 (Theory)	Elementary Quantitative Techniques-I /Public Finance –I	23ArEcoU5102	4	4	40	60	100
	Major Paper 11 (Theory)	History of Economic Thought-I	23ArEcoU5103	2	2	20	30	50
<b>Major Electives</b>	Elective I	Agricultural Economics -I	23ArEcoU5201	4	4	40	60	100
	Elective II	Industrial Economics -I	23ArEcoU5202	4	4	40	60	100
<b>Minor (4)</b>	Minor Paper IV	Indian Economic Development-I	23ArEcoU5301	4	4	40	60	100
<b>OE (2 + 2)</b>	--	--		--	--	--	--	--
<b>VSC (2)</b>	Major Specific Practical III	Elementary Quantitative Techniques (P)	23ArEcoU5501	4	2	20	30	50
<b>SEC (2)</b>	--	--		--	--	--	--	--
<b>AEC(2),</b>	--	--		--	--	--	--	--
<b>VEC (2)</b>	--	--		--	--	--	--	--
<b>IKS (2)</b>	--	--		--	--	--	--	--
<b>FP / CEP(2)</b>	FP –II	Field Project II ( Related to International Economics and Elementary Quantitative Techniques)	23ArEcoU5001	4	2	20	30	50
<b>Total</b>				26	22	220	330	550

## Semester 6 (Third Year)

Course Type	Course	Course / Paper Title	Course Code	Hours / Week	Credit	C I A	E S E	Total
<b>Major Mandatory (4 + 4 + 2)</b>	Major Paper 12 (Theory)	International Economics-II	23ArEcoU6101	4	4	40	60	100
	Major Paper 13 (Theory)	Elementary Quantitative Techniques-II/Public Finance -II	23ArEcoU6102	4	4	40	60	100
	Major Paper 14 (Theory)	History of Economic Thought-II	23ArEcoU6103	2	2	20	30	50
<b>Major Electives</b>	Elective III	Agricultural Economics-II	23ArEcoU6201	4	4	40	60	100
	Elective IV	Industrial Economics -II	23ArEcoU6202	4	4	40	60	100
<b>Minor (4)</b>	Minor Paper V	Indian Economic Development –II	23ArEcoU6301	4	4	40	60	100
<b>OE (2 + 2)</b>	--	--		--	--	--	--	--
<b>VSC (2)</b>	--	--		--	--	--	--	--
<b>SEC (2)</b>	--	--		--	--	--	--	--
<b>AEC(2),</b>	--	--		--	--	--	--	--
<b>VEC (2)</b>	--	--		--	--	--	--	--
<b>OJT (4)</b>	OJT	On job Training	23ArEcoU6004	8	4	40	60	100
<b>FP / CEP(2)</b>	--	--		--	--	--	--	--
<b>Total</b>				26	22	220	330	550

OE : Open Elective

AEC: Ability Enhancement Course

VEC: Value Education Courses

CC : Co-Curricular Courses

IKS : Indian Knowledge System

OJT : On Job Training

FP : Field Project

VSC : Vocational Skill Courses

CEP : Community Engagement Project



**TYBA SYLLABUS  
SEMESTER V  
2023 PATTERN UNDER (NEP 2020)**

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**T. Y B.A. Semester-V**  
**(2023 pattern under NEP 2020)**  
**(Major Paper-10)**

**Course Code: 23ArEcoU5101**

**Course Name: International Economics-I**

**Teaching Scheme: TH: 4 Hours/Week**

**Examination Scheme: CIA: 40 Marks**

**Credit: 4**

**End-Sem: 60 Marks**

**Course Objectives:**

1. To introduce the students of Arts to basic International Economics concepts and inculcate analytical approach to the subject matter.
2. To understand application of International economics to provide solutions to economic problem.
3. To develop interest of students by establishing the relevance and use of International economics theories.

**Course Outcomes:**

1. Recall the meaning of international trade.
2. Compare between inter-regional and intra-regional trade.
3. Apply international economics theories for solving various economic problems.
4. Distinguish between static and dynamic gains.
5. Evaluate the equilibrium and disequilibrium in balance of payments.
6. Discuss the causes of unfavourable terms of trade to developing countries.

**Course Contents**

<b>Chapter 1</b>	<b>Introduction</b>	<b>12 lectures</b>
	1.1 International economics- meaning, scope and importance 1.2 Inter-regional and international trade 1.3 Importance of International Trade	
<b>Chapter 2</b>	<b>Theories of International Trade</b>	<b>14 lectures</b>
	2.1 Theory of absolute cost advantage and comparative cost advantage 2.2 Heckscher-Ohlin theory, Leontief's paradox, Rybczynski theorem, 2.3 Intra-Industry Trade	
<b>Chapter 3</b>	<b>Gains from Trade</b>	<b>14 lectures</b>

	3.1 Measurement of gains, static and dynamic gains 3.2 Terms of trade – Importance, types and determinants 3.3 Causes of unfavourable terms of trade to developing countries.	
<b>Chapter 4</b>	<b>Balance of Payments</b>	14 lectures
	4.1 Balance of trade and Balance of payments- Concepts and components  4.2 Equilibrium and disequilibrium in balance of payments; causes and consequences  4.3 Measures to correct deficit in the balance of payments	

#### Recommended Books:

1. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
3. Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper Saddle River, N.J.
5. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
6. Jhingan, M. L., International Economics
7. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
8. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
9. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
10. Panchmukhi, V.R. (1978), Trade Policies of India : A Quantitative Analysis, Concept Publishing Company, New Delhi.
11. Patel, S.J. (1995), Indian Economy Towards the 21st Century, University Press Ltd., India.
12. Misra and Puri, Indian Economy, Himalaya Publishing House
13. Dangat Nilesh (2015), 'International Economics' Success Publication, Pune.
14. Gite T.G. (2015), 'International Economics' (Marathi Edition), Success Publication, Pune.

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**T. Y B.A. Semester-V**  
**(2023 Pattern under NEP 2020)**

**Course Code: 23ArEcoU5102**

**Course Name: Elementary Quantitative Techniques-I (Major Paper-11)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem : 60 Marks**

**Course Objectives:**

1. The main objective of this paper is to train the students to use the techniques of statistical analysis
2. To introduce the students of Arts to basic Statistics concepts and inculcate analytical approach to the subject matter.

**Course Outcomes: After the Completion of this Course the Students will be able to:**

1. Recall various concepts of statistics used in Economics.
2. Understand various methods of data collection and sampling
3. Analyze the data in various forms of data collection, sampling, tabulation, central tendency and dispersion.
4. Apply statistical techniques to solve economic problems.
5. Evaluate the data with using various statistical tools.
6. Create awareness in data collection, presentation, analysis and drawing inferences about various statistical methods.

**Course Contents**

<b>Chapter 1</b>	<b>Introduction to Statistics</b>	<b>15 lectures</b>
	1.1 Origin and Growth of Statistics 1.2 Definition of Statistics 1.3 Scope of Statistics 1.4 Functions of Statistics 1.5 Limitations of Statistics 1.6 Basic concept of Population	
<b>Chapter 2</b>	<b>Collection of Data</b>	<b>15 lectures</b>
	2.1 Primary data and Secondary data 2.2 Methods of Collecting Primary data 2.3 Sources of Secondary data 2.4 Methods of Sampling 2.5 Classification of data 2.6 Tabulation of data	
<b>Chapter 3</b>	<b>Measures of Central Tendency</b>	<b>15 lectures</b>
	3.1 Arithmetic Mean- Meaning, Merits and Demerits 3.2 Computation of Arithmetic Mean - Individual, Discrete and Continuous series 3.3 Median- Meaning, Merits and Demerits 3.4 Median - Individual, Discrete and Continuous series	

	3.5 Mode- Meaning, Merits and Demerits 3.6 Calculation of Mode - Discrete and Continuous series	
<b>Chapter 4</b>	<b>Dispersion</b>	<b>15 lectures</b>
	4.1 Dispersion- Meaning 4.2 Dispersion- -Merits and Demerits 4.3 Mean Deviation- Individual, Discrete and Continuous series 4.4 Standard Deviation- Individual, Discrete and Continuous series 4.5 Co-efficient Variance	

### Recommended Books:

#### Basic Reading List

1. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
2. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
3. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons;New Delhi.
4. Suklaand Gulshan - Statistics, S. Chand &Company Ltd., New Delhi
5. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
6. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.
7. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, NewDelhi.
8. Y. R. Mahajan- Problems in Statistics, Pimpalapure and Company Publishers, Nagpur.
9. AllanR.G.D - MathematicalAnalysisofEconomistsMacmillanPress, London
- 10 BlackJ.&J.F.Bradley - EssentialMathematicsforEconomists,John Wileyand Sons
11. ChiangA.C.FundamentalMethodsofMathematics.McGrawHillNewDelhi
12. CroxtionF.D.-AppliedGeneralStatistics,Prenticehall,NewDelhi
13. Ranade Pushpa,(2015), 'Prathmik Sankhyashastriy tantre' (MarathiEdition),Diamand Publication, Pune.
14. Prof..Ram Deshmukh (2011), 'Mulbhut Sankhiki' (MarathiEdition),Vidya Prakashan Publication, Pune.

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**T. Y B.A. Semester-V**  
**(2023 Pattern under NEP 2020)**

**Course Code: 23ArEcoU**

**Course Name: Public Finance-I (Major Paper-10) (for Blind students)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem : 60 Marks**

**Course Objectives:**

1. To study the role of government in the Indian economy
2. To introduce the students, the basic problems of use of resources, distribution of income etc.

**Course Outcomes: After the Completion of this Course the Students will be able to:**

1. Recall the concept of public finance, public expenditure.
2. Define Public finance, private finance, public expenditure, public revenue and public debt.
3. Understand the use of fiscal instruments in the economy.
4. Explain the role of government in an economy
5. Identify the causes of increase in public expenditure, effects of public debt.
6. Discuss the sources of public debt and its methods of repayment.

**Course Contents**

<b>Chapter 1</b>	<b>Public Finance</b>	<b>12 lectures</b>
	1.1 The role of Government in an economy 1.2 Meaning, Nature, Scope and Importance of Public Finance 1.3 Private Finance and Public Finance 1.4 Principle of Maximum Social Advantage	
<b>Chapter 2</b>	<b>Public Expenditure</b>	<b>14 lectures</b>
	2.1 Meaning and Principle of Public Expenditure 2.2 Classification of Public Expenditure 2.3 Trends of Public Expenditure in India. 2.4 Causes of increase in Public Expenditure 2.5 Effects of Public Expenditure	
<b>Chapter 3</b>	<b>Public Revenue</b>	<b>14 lectures</b>
	3.1 Sources of Public Revenue 3.2 Meaning and Objectives of Taxation 3.3 Principles of taxation- Benefit approach, Ability to pay 3.4 Concepts- Impact of Tax, incidence of Tax, Shifting of Tax and Taxable Capacity 3.5 Indian Tax Structure- Direct and Indirect tax, Progressive, proportional and Regressive	
<b>Chapter 4</b>	<b>Public Debt</b>	<b>14 lectures</b>
	4.1 Meaning and types of Public Debt 4.2 Sources of internal and external Public Debt 4.3 Effects of Public Debt	

	4.4 Methods of repayment	
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### **Recommended Books:**

#### **Basic Reading List**

1. Jha R., (1998) Modern Public Economics, Routledge London
2. Bhargavre P.K., (1984) some Aspects of Indian Public Finance, Uppal Publishing House New Delhi.
3. Government of India (1985) Long Term Fiscal Policy, New Delhi.
4. Government of India (1992) Reports of the tax Reforms committee- interim and Final, (chairman: Raja J. Chelliah).
5. Srivastava, D.K., (Ed) (2000) Fiscal Federalism in India, Har-Anand Publication, Ltd. New Delhi.
6. Datt R., (2001), second Generation Economics Reforms in India, Deep and Deep Publications, New Delhi
7. Bhatia H.L. (1984) Public Finance, Vikas Publishing House Pvt.Ltd. New Delhi

#### **ADDITIONAL READING LIST**

1. Musgrave and Musgrave, (1989) Public Finance in Theory and Practice Mc Graw- Hill International Edition
2. Tyagi B.P., (1992-93), Public Finance, jai Prakash Nath Co. Meerat, U.P.
3. Datta / Sundaram (2009), Indian Economy S.Chand And Co. Ltd New Delhi.
4. Rasal Rajendra ( 2015), 'Public Finance'(Marathi Edition), Success Publication, Pune

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**T. Y B.A. Semester-V**  
**(2023 pattern under NEP 2020)**

**Major Paper - 12**

**Course Code: 23ArEcoU5103**                      **Course Name: History of Economic Thought I**  
**Teaching Scheme: TH: 2 Hours/ Week**                      **Credit: 02**  
**Examination Scheme:**  
**CIA : 20 Marks**                      **End-Sem : 30 Marks**

**Course Objectives:**

1. To study the evolution of economic thought.
2. To learn the philosophies and theories of different thinkers in the subject of economics.

**Course Outcomes:**

**On completion of the course, student will be able to–**

1. Recall the concept of mercantilism and physiocracy.
2. Understand the pre- classical and classical economic thought.
3. Identify the different theories of pre-classical and classical school of economic thought.
4. Analyse the Marxian Economics.
5. Determine the definition of economics.
6. Elaborate the neo-classical school of economic thought.

**Course Contents**

<b>Chapter 1</b>	<b>PRE - CLASSICAL SCHOOL OF THOUGHT</b>	<b>5 Lectures</b>
	1.1 Introduction to Mercantilism.  1.2 Introduction to Physiocracy.	
<b>Chapter 2</b>	<b>CLASSICAL SCHOOL OF THOUGHT</b>	<b>10 Lectures</b>
	2.1 Classical School of Economic Thought: 2.1.1 Adam Smith: Concept of division of labour, free trade, function of state in economic development. 2.1.2 Thomas Robert Malthus: Theory of Population. 2.1.3 David Ricardo: Theory of rent, theory of value.	



<b>Chapter 3</b>	<b>KARL MARX</b>	<b>5 Lectures</b>
	3.1 Karl Marx: Exploitation of Labour, surplus value theory.	
<b>Chapter 4</b>	<b>NEO-CLASSICAL SCHOOL OF THOUGHT</b>	<b>10 Lectures</b>
	4.1 Dr. Alfred Marshall: Definition of Economics, consumer surplus, quasi-rent, elasticity of demand. 4.2 Laws of returns.	
<b>Total</b>		<b>30 Lectures</b>

#### **Recommended Books:**

1. Reddy Y.V., (2009), History of Economic Thought: Ancient Times to Modern Times New Century Publication, New Delhi.
2. Hajela T. N., ( 2008), History of Economic Thought, Ane Books India, New Delhi,
3. Hunt E.K. and Lautzenheiser Mark, (2011), History of Economic Thought: A Critical Perspective, PHI Learning, New Delhi,
4. Juneja L.K., (2018), History of Economic Thought, Anjali Publication and Distribution, New Delhi.
5. Dutt Romesh, (1990), Low Price Publication, New Delhi 1990, The Economic History of India.
6. Robbins Lionnel, (2000), A History of Economic Thought, The LSE Lectures, Princeton University Press.
8. Girija M., Manimekalai., Sasikala L., (2003), Vrinda Publications, History of Economic Thought.
9. Jhingan M.L., Girija M., Sasikala L., (2011), Vrinda Publications, History of Economic Thought.

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**T. Y B.A. Semester-V**  
**(2023 pattern under NEP 2020)**  
**Major Elective -I**

**Course Code: 23ArEcoU5201**

**Course Name: Agricultural Economics – I**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 04**

**Examination Scheme: CIA: 40 Marks**

**End-Sem: 60 Marks**

**Course Objectives:**

1. The basic objective of this paper is to grasp the basic feature and aspects of agricultural economics.
2. To study the current issues of agricultural economics.
3. To study the institutions involved in agriculture marketing.

**Course Outcomes:**

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

1. The student will be able to recall the concept of agricultural economics,
2. The student will be able to understand the meaning of agricultural productivity.
3. The student will be able to apply the concept of agricultural marketing, agricultural pricing, etc.
4. The student will be able to compare between the technical and institutional land reforms.
5. The student will be able to determine the problems and measures of agricultural marketing.
6. The student will be able to maximize his/her understanding of agricultural sector.

**Course Contents**

Chapter 1	INTRODUCTION	15 Lectures
	1.1 Meaning, and importance of Agricultural Economics. 1.2 Features of agriculture in a developing economy. 1.3 Role of agriculture in Indian economy.	
Chapter 2	PRODUCTION AND PRODUCTIVITY	20 Lectures
	2.1 Agricultural Productivity: Causes of low agricultural productivity, measures to increase agricultural productivity. 2.2 Production and Productivity trends:	

	Growth rates in Indian agriculture, regional variations in agricultural productivity in India. 2.3 Cropping pattern in India.	
<b>Chapter 3</b>	<b>LAND REFORMS</b>	<b>10 Lectures</b>
	3.1 The concepts of land reforms 3.2 Technical and Institutional land reforms 3.3 Achievement and failures of land reforms in India 3.4 Swaminathan Commission – Recommendations	
<b>Chapter 4</b>	<b>AGRICULTURAL MARKETING</b>	<b>15 Lectures</b>
	4.1 Agriculture marketing - concept. 4.2 Agricultural Marketing in India- Problems and measures. 4.3 Salient features of APMC Act, 2004.	
<b>TOTAL</b>		<b>60 Lectures</b>

#### **Recommended Books:**

1. Datt R. & K.P.M Sundharam (2007) Indian Economy, S.Chand&Co.Ltd.Delhi.
2. Dewett Kewal,( 2005), Indian Economy C.Chand&Co.Ltd, New Delhi .
3. Gopal Ji &Suman Bhakari ‘Indian Economy (2012) Performance and Policies Pearson Publication Delhi
4. Agrawal A.N. Indian Economy Problem of Development and Planning 06.
5. Hansra Parumal and Chandrakarn – Modernization of Indian Agriculture in 21stcentury challenges, opportunity and strategies, Concept Publication Co. New Delhi.
6. Johnson P.A, (2003), Development Issues of Indian Economy Manan Prakashan.
7. Kapila Uma, (2003), Indian Economy Since Independence, Academic Foundation
8. Singh M.P., (2004), Indian Economy Today- Problems Planning and Development. Deep and Deep Publication.
9. Mamoria.C.B., Agricultural Problems of India Kitab Mahal Pub..
10. Misra S.K. &V.K.Puri (2007) Indian Economy – Himalaya Publication house Mumbai.
11. Norten and Allwending – The Introduction to Economic and Agricultural Development Mac Graw Hill Co. Publication, New Delhi.

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**T. Y B.A. Semester-V**  
**(2023 pattern under NEP 2020)**

**Major Elective -II**

**Course Code: 23ArEcoU5202**

**Course Name: Industrial Economics -I**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem: 60 Marks**

**Course Objectives:**

1. To study the basic concepts of Industrial Economics.
2. To understand the theories of industrial location.
3. To provide students the knowledge about industrial imbalance.
4. To provide students with the concept of balanced regional development..

**Course Outcomes:**

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

1. Define industrial economics.
2. Understand the advantages and disadvantages of industrialization.
3. Make use of the concepts of industrial finance in real life.
4. Compare different sources of industrial finance.
5. Evaluate the measures adopted for balanced regional development.
6. Create link between the industrial location theories and industrial location trends in India.

**Course Contents**

<b>Chapter 1</b>	<b>INTRODUCTION</b>	<b>15 Lectures</b>
	1.1 Industrial Economics – Meaning, Scope and Significance of the study. 1.2 Industrialization: advantages and disadvantages.	
<b>Chapter 2</b>	<b>INDUSTRIAL PATTERNS AND PLANS</b>	<b>15 Lectures</b>
	2.1 Role of industrialization. 2.2 Pattern of industrialization. 2.3 Industrial pattern and five-year plans.	
<b>Chapter 3</b>	<b>INDUSTRIAL IMBALANCE</b>	<b>10 Lectures</b>
	3.1 Meaning of industrial imbalance. 3.2 Causes and solution of industrial imbalance.	

<b>Chapter 4</b>	<b>BALANCED REGIONAL DEVELOPMENT</b>	<b>20 Lectures</b>
	4.1 Balanced Regional Development-concept. 4.2 Need for Balanced Regional Development and measures adopted for balanced regional growth.	
<b>Total</b>		<b>60 Lectures</b>

### Recommended Books:

1. Ahluwalia I.J (1985) Industrial Growth in India, Oxford University Press, New Delhi
2. Barthwal R.R. (2021) Industrial Economics, New Age International Publishers, New Delhi.
3. Bagchi Amiya and Banerjee Nirmala (1981), Change and Choice in Indian industry, Centre for Studies in Social Science in Kolkatta
4. Cherunilam Francis (1989), Industrial Economics- Indian Perspective, Himalaya Publishing House, Delhi
5. Datta Ruddar and Sundaram K.P.M (2023) Indian Economy, S.Chand and Co. New Delhi
6. Desai Vasant (1987), Indian Industry: Profile and Related Issues, Himalaya Publishing House, Mumbai.
7. Divine P.J. ,Lee N., Jones R.M. and Tyson W.J. (2018), An Introduction to Industrial Economics ,Routledge London
8. Gadgil D.R.(2007) Industrial Evolution in India in Recent Times , Read Books
9. Hay, Donald A (1979)Industrial Economics : Theory and Evidence, Oxford University Press
10. Kuchhal S.C.(1980) Industrial Economy of India, Himalaya Publishing House, Mumbai
11. Kuchal S.C(1974) Major Industries in India, Chaitanya Publishing House, Allahabad
12. Mani N.(2020)Industrial Economics, New Century Publications, New Delhi
13. Misra S.K. and Puri V.K. (2023) Indian Economy, Himalaya Publishing House, New Delhi
14. Prasad K.N.(2003) Indian Economy Before and Since the Reform, Atlantic Publishers, New Delhi
15. Singh A and Sadhu A.N. (1988)Himalaya Publishing House, Mumbai
16. Sivayya K.V. and Das V.B.M.(1975) Indian Industrial Economy, S. Chand and Co.Ltd., New Delhi.

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**T. Y B.A. Semester-V**  
**(2025 Course under NEP 2020)**  
**(Major Specific Practical III)**

**Course Code: 23ArEcoU5501**

**Course Name: Elementary Quantitative Techniques (P) (Major Specific Practical III)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 2**

**Examination Scheme: CIA: 20 Marks**

**End-Sem : 30 Marks**

**Course Objectives:**

1. The main objective of this paper is to train the students to use the techniques of statistical analysis
2. To introduce the students of Arts to basic Statistics concepts and inculcate analytical approach to the subject matter.

**Course Outcomes: After the Completion of this Course the Students will be able to:**

1. Understand the use of statistics in Economic analysis.
2. Apply statistical techniques to solve economic problems.
3. Analyse data using bar diagram, pie-charts and histogram
4. Evaluate basic mathematical and statistical investigations within the context of economics.

**Course Contents**

<b>Chapter 1</b>	<b>Analysis of Data</b>	<b>10 Lectures</b>
	<b>1.1</b> Case study of Diagrammatic Representation through Bar Diagram, Rectangular Diagram, Square Diagram, Pie Diagram. <b>1.2</b> Graphical Representation-Techniques of Constructing Graph <b>1.3</b> Types of Graph – Histogram, Frequency Polygon, Frequency Curve and its application	
<b>Chapter 2</b>	<b>Economics Application-I</b>	<b>10 Lectures</b>
	<b>2.1</b> Demand Forecasting-Concept <b>2.2</b> Demand Forecasting Using Statistical Methods-Time Series and Regression Analysis <b>2.3</b> Demand Forecasting Using with Survey Method	
<b>Chapter 3</b>	<b>Economics Application-II</b>	<b>10 Lectures</b>
	<b>3.1</b> Slope-Concept <b>3.2</b> Measuring The Slope of Demand Function <b>3.3</b> Measuring The Slope of Supply Function	

**Recommended Books:**

**Basic Reading List**

1. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
2. Mike Rosser, Basic Mathematics for Economists Second Edition, published 2003 by Routledge 11 New Fetter Lane, London EC4P4EE

3. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
4. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons;New Delhi.
5. Suklaand Gulshan - Statistics, S. Chand &Company Ltd., New Delhi
6. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
7. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.
8. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, NewDelhi.
9. Y. R. Mahajan- Problems in Statistics, Pimpalapure and Company Publishers,Nagpur.
10. AllanR.G.D - MathematicalAnalysisofEconomistsMacmillanPress, London
11. 10 BlackJ.&J.F.Bradley - EssentialMathematicsforEconomists,John Wileyand Sons
12. ChiangA.C.FundamentalMethodsofMathematics.McGrawHillNewDelhi
13. CroxtionF.D.-AppliedGeneralStatistics,Prenticehall,NewDelhi
14. Ranade Pushpa,(2015), 'Prathmik Sankhyashastriy tantre' (MarathiEdition),Diamand a. Publication, Pune.
15. Prof..Ram Deshmukh (2011), 'Mulbhut Sankhiki' (MarathiEdition),Vidya Prakashan a. Publication, Pune.

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**T. Y B.A. Semester-V**  
**(2023 Pattern under NEP 2020)**

**Course Code: 23ArEcoU5301**

**Course Name: Indian Economic Development -I (Minor Paper-IV)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem : 60 Marks**

**Course Objectives:**

1. The course aims to introduce the main concept in economic and human resources.
2. The course aims to give an overview of the aspects of economic development with special reference to India.

**Course Outcomes:**

**After the Completion of this Course the Students will be able to:**

1. Recall the concept and indicator of economic development.
2. Understand the need and importance of economic development.
3. Identify the constraints to development process.
4. Compare the characteristics of developing and developed countries.
5. Determine the role of human resources in economic development.
6. Elaborate the concept HDI, GDI, GII and MPI.

**Course Contents**

<b>Chapter 1</b>	<b>Economic Development and Growth</b>	<b>15 lectures</b>
	1.1 Economic Development: Meaning, Definition and Indicators 1.2 Economic Growth: Meaning, Definition and Indicators 1.3 Need and Importance of Economic Development	
<b>Chapter 2</b>	<b>Developed and Developing Countries</b>	<b>15 lectures</b>
	2.1 Concepts of Developed and Developing Countries 2.2 Characteristics of Developed Countries 2.3 Characteristics of Developing Countries : Economic, Demographic, Technological, Social and Political 2.4 India as an Emerging Economy	
<b>Chapter 3</b>	<b>Constraints to Development Process</b>	<b>15 lectures</b>
	3.1 Vicious Circle of Poverty 3.2 Capital Constraints 3.3 Technology Constraints 3.4 Socio- Cultural Constraints 3.5 Political and Administrative Constraints 3.6 External Bottlenecks	
<b>Chapter 4</b>	<b>Human Resources and Economic Development</b>	<b>15 lectures</b>



	<b>4.1 Role of Human Resources in Economic Development</b> <b>4.2 Human Development Index and India</b> <b>4.3 Concepts of Physical Quality of Life Index:</b> <b>4.3.1 Gender Development Index</b> <b>4.3.2 Gender Inequality Index</b> <b>4.3.3 Multidimensional Poverty Index</b>	
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## Recommended Books -

1. Ragnar Nurkse, Problem of Capital Formation in Underdeveloped Countries.
2. Sen Amartya (1970), Growth Economics, Penguin.
3. Zhingan M.L.(1982), The Economics of Development and Planning. Vrinda Publication a. (P) Ltd.
4. Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
5. Avhad Suhas (2015), 'Economics of Growth and Development' (Marathi Edition) Success Prakashan, Pune
6. Behrman, S. and T.N Srinivasan,(1995) Handbook of Development Economic, Vol. 1 to 3, Elsevier, Amsterdam,
7. Chenery H. and T.N.Srinivasan, (1989) Handbook of Development Economics Vol1&2, Elsevier. Amsterdam.
8. Dasgupta p. (1993) An Enquiry into Well Being and Destitution.
9. Dhage S.K. (2015), Indian Economy ( Marathi Edition) K.S. Publication,Pune.\
10. Wavare A. (2017), Development and Planning Economics (Vikas va Niyojanache Arthshastra - Marathi Edition )
11. Datir R.K.(2013), Vikas ani Paryavarniy Arthshastra, Nirali Prakashan, Pune.
12. Rasal Rajendra (2020), Indian Economy (Marathi), Success Publication Pune, 7<sup>th</sup> edn.
13. Ghatak,S.(1986), An Introduction to Development Economics,Allen and Unwin, London,
14. Ghosh. B.N.(1982) Economic Development and Planning National Book House.
15. Grillis M., D H. Perkins, M.Romer and D.R.Snodgrass (1992) Economic of Development (3rdEdition) W.W.Norton, New York.
16. Patil J.F.(2014),Growth And Development economics (Vruddhi Va Vikasache Airthshastra, Phadke Prakashan - Marathi Edition)
17. Higgins, Benjamin. (1959) Economic Development, W.W.Norton , New York
18. Jennifer A. Elliott, (2013), An Introduction to Sustainable Development (Fourth Edition), Routledge Publication, London and New York.
19. Kindleberger C.P.(1977),Economic Development (3rd Edition ) McGraw Hill, New York.
20. Jagdish Bhagwati,The Economics Of Underdeveloped Countries.
21. Mahata J.K.(1964) Economic of Growth, Asia.
22. Meaer and Baldwin(1970) Economic Development, Asia .
23. Mehata J.K.(1971) Economic Development , Chaitanya.
24. Kute Santosh and Rithe (2019) ,Demography , Prashant Publication Jalgaon.
25. Mishra &Puri, Development and Planning- Theory And Practice, Himalaya.
26. Meier, G.M. (1995) Leading Issue in Economic Development,6ed,Oxford University Press ,New Delhi,
27. Todaro M.P. (1996) Economic Development (6th Edition) Longman, London.

28. UNDP, Human Development Report [Latest]
29. World Development Reports
30. India Development Reports

**TYBA SYLLABUS**  
**SEMESTER VI**  
**2023 PATTERN UNDER**  
**(NEP 2020)**

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**T. Y B.A. Semester-VI**  
**(2023 pattern under NEP 2020)**  
**(Major paper 13)**

**Course Code: 23ArEcoU6101**

**Course Name: International Economics-II**

**Teaching Scheme: 4 Hours/Week**

**Credit : 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem: 60 Marks**

**Course Objectives:**

1. To introduce the students of Arts to basic International Economics concepts and inculcate analytical approach to the subject matter.
2. To understand application of International economics to provide solutions to economic problem.
3. To develop interest of students by establishing the relevance and use of economic theories.

**Course Outcomes:**

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

1. Recall the concept of trade policy and exchange rate.
2. Understand India's foreign trade and policy.
3. Apply case for and against protection policy, tariffs and quotas.
4. Analyze changes in the composition and direction of foreign trade since 2000-2001.
5. Evaluate the export promotion measures.
6. Discuss the regional and international co-operation.

**Course Contents**

<b>Chapter 1</b>	<b>Trade policy &amp; Exchange Rate</b>	<b>15 lectures</b>
	1.1 Free trade policy 1.2 Case for and against Protection Policy 1.3 Case for and against types of tariffs and quotas 1.4 Exchange rates-Fixed and flexible.	
<b>Chapter 2</b>	<b>India's Foreign Trade and Policy</b>	<b>15 lectures</b>
	2.1 Growth of India's foreign trade 2.2 Changes in the composition and direction of foreign trade since 2000-2001 2.3 Foreign Trade policy 2023 2.4 India and WTO	

<b>Chapter 3</b>	<b>Export Promotion measures</b>	<b>15 lectures</b>
	3.1 Export promotion - Contribution of SEZ 3.2 Role of multinational corporations in India. 3.3 FEMA- provisions and impact 3.4 Convertibility of Indian rupee	
<b>Chapter 4</b>	<b>Regional and International Co-operation</b>	<b>15 lectures</b>
	Nature and Functions of-  4.1 South Asian Association for Regional Co-operation (SAARC) 4.2 Brazil, Russia, India, China and South Africa (BRICS) 4.3 European Economic Community (EEC)	
<b>TOTAL</b>		<b>60 lectures</b>

### Recommended Books:

1. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
3. Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice- Hall, Upper Saddle River, N.J.
5. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
6. Jhingan, M. L., International Economics
7. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
8. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
9. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
10. Panchmukhi, V.R. (1978), Trade Policies of India : A Quantitative Analysis, Concept Publishing Company, New Delhi.
11. Patel, S.J. (1995), Indian Economy Towards the 21<sup>st</sup> Century, University Press Ltd., India.
12. Misra and Puri, Indian Economy, Himalaya Publishing House
13. Dangat Nilesh (2015), 'International Economics' Success Publication, Pune.
14. Gite T.G. (2015), 'International Economics' (Marathi Edition), Success Publication, Pune.

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**T. Y B.A. Semester-VI**  
**(2023 pattern under NEP 2020)**

**Course Code: 23ArEcoU6102**

**Course Name: Elementary Quantitative Techniques-II (Major Paper-14)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem : 60 Marks**

**Course Objectives:**

1. The main objective of this paper is to train the students to use the techniques of statistical analysis
2. To introduce the students of Arts to basic Statistics concepts and inculcate analytical approach to the subject matter.

**Course Outcomes: After the Completion of this Course the Students will be able to:**

1. Recall various concepts of statistics used in Economics.
2. Understand the application and relevance of quantitative techniques in the field of economics
3. Analyze the data in various forms Correlation, Regression
4. Distinguish Correlation and Regression Analysis.
5. Evaluate the economic data with using various statistical tools.
6. Create awareness in data analysis and drawing inferences about various statistical hypotheses.

**Course Contents**

<b>Chapter 1</b>	<b>Correlation Analysis</b>	<b>15 lectures</b>
<b>1.1</b>	Meaning of correlation	
<b>1.2</b>	Significance of Correlation	
<b>1.3</b>	Types of correlation	
<b>1.4</b>	Karl Pearson's Coefficient of Correlation (Simple)	
<b>Chapter 2</b>	<b>Regression Analysis</b>	<b>15 lectures</b>
<b>2.1</b>	Concept of Regression	
<b>2.2</b>	Difference between correlation and regression analysis	
<b>2.3</b>	Regression lines	
<b>2.4</b>	Regression Equations	
<b>Chapter 3</b>	<b>Economics Application</b>	<b>15 lectures</b>
<b>3.1</b>	Calculations of rate of interest	
<b>3.2</b>	Simple & compound rate of interest	
<b>3.3</b>	Index Number- Concept	
<b>3.4</b>	Construction of Index Number	
<b>3.5</b>	Concept of equilibrium application to consumer surplus	
<b>3.6</b>	Application to elasticity of Demand	
<b>3.7</b>	Relationship among total marginal & average function	
<b>Chapter 4</b>	<b>Hypothesis</b>	<b>15 lectures</b>

4.1	Definition of Hypothesis	
4.2	Formulation of Hypothesis	
4.3	Testing of Hypothesis - Chi square test	

### Recommended Books:

#### Basic Reading List

1. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
2. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
3. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons;New Delhi.
4. Suklaand Gulshan - Statistics, S. Chand &Company Ltd., New Delhi
5. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
6. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.
7. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, NewDelhi.
8. Y. R. Mahajan- Problems in Statistics, Pimpalapure and Company Publishers, Nagpur.
9. AllanR.G.D - MathematicalAnalysisofEconomistsMacmillanPress, London
10. 10 BlackJ.&J.F.Bradley - EssentialMathematicsforEconomists,John Wileyand Sons
11. ChiangA.C.FundamentalMethodsofMathematics.McGrawHillNewDelhi
12. CroxtionF.D.-AppliedGeneralStatistics,Prenticehall,NewDelhi
13. Ranade Pushpa,(2015), 'Prathmik Sankhyashastriy tantre' (MarathiEdition),Diamand Publication, Pune.
14. Prof..Ram Deshmukh (2011), 'Mulbhut Sankhiki' (MarathiEdition),Vidya Prakashan Publication, Pune.

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**T. Y B.A. Semester-VI**  
**(2023 pattern under NEP 2020)**

**Course Code: 23ArEcoU**

**Course Name: Public Finance-II (Major Paper-14) (for blind students)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem : 60 Marks**

**Course Objectives:**

1. To study the role of government in the Indian economy.
2. To introduce the students, the basic problems of use of resources, distribution of income etc.

**Course Outcomes:**

1. Recall various concepts of Budget.
2. Understand the process and causes of deficit financing.
3. Identify the role and working of finance commission.
4. Analyze the Central state financial relationship
5. Evaluate the role and objectives of Fiscal policy
6. Discuss the Budget preparation and presentation

**Course Contents**

<b>Chapter 1</b>	<b>Budget</b>	<b>12 lectures</b>
1.1	Meaning, nature and objectives of Budget	
1.2	Types of Budget – Revenue, Capital, Surplus, Deficit and Balance Budget	
1.3	Preparation of Indian Central Budget	
1.4	Gender Budget	
<b>Chapter 2</b>	<b>Deficit Financing</b>	<b>14 lectures</b>
2.1	Meaning, Objectives	
2.2	Need, Process and Causes	
2.3	Trends in India Deficit finance since 2001	
2.4	Effects of Deficit Financing	
<b>Chapter 3</b>	<b>Centre-State Financial Relationship</b>	<b>14 lectures</b>
3.1	Constitutional Provisions	
3.2	Role and Working of finance Commission	
3.3	Recommendation of 13th and 14th finance Commission	
3.4	Central- State Conflict	
<b>Chapter 4</b>	<b>Fiscal Policy</b>	<b>14lectures</b>
4.1	Meaning, Role and Objectives of Fiscal Policy	
4.2	Review of Indian Fiscal Policy since 2001	
4.3	Fiscal Policy in developing economy	
4.4	Limitations of Fiscal policy	



**Recommended Books:****Basic Reading List**

1. Jha R., (1998) Modern Public Economics, Routledge London
2. Bhargavre P.K., (1984) some Aspects of Indian Public Finance, Uppal Publishing House New Delhi.
3. Government of India (1985) Long Term Fiscal Policy, New Delhi.
4. Government of India (1992) Reports of the tax Reforms committee- interim and Final, (chairman: Raja J. Chelliah).
5. Srivastava, D.K., (Ed) (2000) Fiscal Federalism in India, Har-Anand Publication, Ltd. New Delhi.
6. Datt R., (2001), second Generation Economics Reforms in India, Deep and Deep Publications, New Delhi
7. Bhatia H.L. (1984) Public Finance, Vikas Publishing House Pvt.Ltd. New Delhi

**Additional Reading List:**

1. Musgrave and Musgrave, (1989) Public Finance in Theory and Practice McGraw-Hill International Edition
2. Tyagi B.P., (1992-93), Public Finance, jai Prakash Nath Co. Meerat, U.P.
3. Datta / Sundaram (2009), Indian Economy S.Chand And Co. Ltd New Delhi.
4. Rasal Rajendra ( 2015), 'Public Finance'(Marathi Edition), Success Publication, Pune

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**T. Y B.A. Semester-VI**  
**(2023 pattern under NEP 2020)**  
**(Major paper 15)**

**Course Code: 23ArEcoU6103**

**Course Name: History of Economic Thought II**

**Teaching Scheme: TH: 2 Hours/ Week**

**Credit: 02**

**Examination Scheme:**

**CIA: 20 Marks**

**End-Sem: 30 Marks**

**Course Objectives:**

1. To study the evolution of economic thought.
2. To study the philosophies and theories of different thinkers in the subject of Economics.

**Course Outcomes:**

**On completion of the course, student will be able to–**

1. Recall the concepts of Keynesian economics.
2. Understand the ideas and theories of Arthur Cecil Pigou and Joseph Schumpeter.
3. Identify the concept of marginal propensity to consume, marginal efficiency of capital, liquidity trap.
4. Analyse the Drain theory .
5. Determine the contribution of Nobel economists.
6. Elaborate the Indian school of economic thought.

**Course Contents**

Chapter 1	WELFARE ECONOMICS	5 Lectures
	1.1 Arthur Cecil Pigou : Pigou's ideas on welfare maximization.	
Chapter 2	JOHN MAYNARD KEYNES	10 Lectures
	1.1 John Maynard Keynes : 2.1.1 Criticism of classical theory. 2.1.2 Concept of effective demand. 2.1.3 Marginal propensity to consume and marginal efficiency of capital- concept. 2.1.4 Liquidity Trap - concept. 2.1.5 Views on trade cycle.	

<b>Chapter 3</b>	<b>JOSEPH ALOIS SCHUMPETER</b>	<b>5 Lectures</b>
	3.1 Innovation theory 3.2 Theory of economic development	
<b>Chapter 4</b>	<b>INDIAN SCHOOL OF ECONOMIC THOUGHT AND CONTRIBUTION OF NOBEL ECONOMISTS</b>	<b>10 Lectures</b>
	3.1 Dadabhai Naoroji: Drain theory 3.2 Mahatma Gandhi: Concept of Village swaraj, Swadeshi and trusteeship 3.3 Dr. Babasaheb Ambedkar's economic Thought 3.4 Amartya Sen: Views on poverty and women empowerment	
<b>Total</b>		<b>30 Lectures</b>

#### **Recommended Books:**

1. Reddy Y.V., (2009), History of Economic Thought: Ancient Times to Modern Times New Century Publication, New Delhi.
2. Hajela T. N., ( 2008), History of Economic Thought, Ane Books India, New Delhi,
3. Hunt E.K. and Lautzenheiser Mark, (2011), History of Economic Thought: A Critical Perspective, PHI Learning, New Delhi,
4. Juneja L.K., (2018), History of Economic Thought, Anjali Publication and Distribution, New Delhi.
5. Dutt Romesh, (1990), Low Price Publication, New Delhi 1990, The Economic History of India.
6. Robbins Lionnel, (2000), A History of Economic Thought, The LSE Lectures, Princeton University Press.
8. Girija M., Manimekalai., Sasikala L., (2003), Vrinda Publications, History of Economic Thought.
9. Jhingan M.L., Girija M., Sasikala L., (2011), Vrinda Publications, History of Economic Thought.

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**T. Y B.A. Semester-VI**  
**(2023 pattern under NEP 2020)**  
**Major Elective -III**

**Course Code: 23ArEcoU6201**

**Course Name: Agricultural Economics – II**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 04**

**Examination Scheme: CIA: 40 Marks**

**End-Sem: 60 Marks**

**Course Objectives:**

1. The basic objective of this paper is to grasp the basic feature and aspects of agricultural economics.
2. To study the current issues of agricultural economics.
3. To study the institutions involved in agriculture credit.

**Course Outcomes:**

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

1. The student will be able to recall the concept of Agricultural Economics.
2. The student will be able to understand the meaning of agricultural credit.
3. The student will be able to apply the concept of agricultural pricing.
4. The student will be able to compare between the institutional and non-institutional sources of agricultural credit.
5. The student will be able to determine the concept of crop insurance.
6. The student will be able to maximize his understanding of agricultural sector.

**Course Contents**

Chapter 1	AGRICULTURAL CREDIT	20 Lectures
	1.1 Agricultural Credit: Need and importance of agricultural credit. 1.2 Sources of Agricultural Credit in India. 1.2.1 Non-Institutional Sources : Relatives-Moneylenders, Traders and Commission Agents 1.2.2 Institutional Sources : Credit Co-operatives, Commercial Banks, Regional Rural Banks. 1.3 Micro Finance - Meaning, Role and Trends.	
Chapter 2	AGRICULTURAL LABOUR	15 Lectures

	2.1 Agricultural Labour : Meaning and characteristics of agricultural labour. 2.2 Social Status of agricultural labour, 2.3 Earning of agricultural labour, standard of living, indebtedness and housing conditions.	
<b>Chapter 3</b>	<b>AGRICULTURAL PRICES</b>	<b>15 Lectures</b>
	3.1 Agricultural Prices : Important factors influencing pricing of agricultural produce. 3.3 Need for agricultural price policy. 3.3 Agricultural Price system in India.	
<b>Chapter 4</b>	<b>CROP INSURANCE</b>	<b>10 Lectures</b>
	4.1 Instabilities in agricultural sector 4.2 Crop insurance in India. 4.3 Measures to stabilize-crop Insurance for Crop Protection-	
<b>TOTAL</b>		<b>60 Lectures</b>

### Recommended Books:

1. Datt R. & K.P.M Sundharam (2007) Indian Economy, S.Chand&Co.Ltd.Delhi.
2. Dewett Kewal,( 2005), Indian Economy C.Chand&Co.Ltd, New Delhi .
3. Gopal Ji &Suman Bhakari 'Indian Economy (2012) Performance and Policies Pearson Publication Delhi
- Agrawal A.N. Indian Economy Problem of Development and Planning 06.
4. Hansra Parumal and Chandrakarn – Modernization of Indian Agriculture in 21stcentury challenges, opportunity and strategies, Concept Publication Co. New Delhi.
5. Johnson P.A, (2003), Development Issues of Indian Economy Manan Prakashan.
6. Kapila Uma, (2003), Indian Economy Since Independence, Academic Foundation
7. Singh M.P., (2004), Indian Economy Today- Problems Planning and Development. Deep and Deep Publication.
8. Mamoria.C.B., Agricultural Problems of India Kitab Mahal Pub..
9. Misra S.K. &V.K.Puri (2007) Indian Economy – Himalaya Publication house Mumbai.
10. Norten and Allwning – The Introduction to Economic and Agricultural Development Mac Graw Hill Co. Publication, New Delhi.

***Progressive Education Society's***  
**Modern College of Arts, Science and Commerce, (Autonomous)**  
**Shivajinagar, Pune - 5**  
**T. Y B.A. Semester-VI**  
**(2023 pattern under NEP 2020)**  
**Major Elective - IV**

**Course Code: 23ArEcoU6202**

**Course Name: Industrial Economics - II**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem: 60 Marks**

**Course Objectives:**

1. To study the basic concepts of Industrial Economics.
2. To understand the concept of industrial disputes.
3. To provide students knowledge about foreign capital.
4. To acquaint students with various sources of industrial finance.

**Course Outcomes:**

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

1. Define industrial finance.
2. Understand the meaning of industrial finance .
3. Make use of the concepts of industrial finance in real life.
4. Compare different sources of industrial finance.
5. Evaluate the measures adopted for industrial disputes.
6. Discuss the importance of industrial relations in India.

**Course Contents**

<b>Chapter 1</b>	<b>INDUSTRIAL FINANCE AND SOURCES OF INDUSTRIAL FINANCE</b>	<b>20 Lectures</b>
	1.1 Meaning and importance of industrial finance 1.2 Sources of industrial finance: 1.2.1 Internal Sources: Retained Earnings, Depreciation provisions, Taxation provisions. 1.2.2 External Sources: Bank Credit, Trade Credit, Shares, Debentures, Bonds.	
<b>Chapter 2</b>	<b>FOREIGN CAPITAL</b>	<b>15 Lectures</b>
	2.1 Foreign Capital: Meaning and need. 2.2 Forms of foreign capital: FDI, FII, ADR, GDR.	
<b>Chapter 3</b>	<b>INDUSTRIAL RELATIONS</b>	<b>10 Lectures</b>

	3.1 Industrial Relations: Concept and importance 3.2 Factors affecting industrial relations.	
<b>Chapter 4</b>	<b>INDUSTRIAL DISPUTES</b>	<b>15 Lectures</b>
	4.1 Meaning and Causes of industrial disputes. 4.2 Machinery for the settlement of industrial disputes.	
<b>Total</b>		<b>60 Lectures</b>

#### **Recommended Books:**

1. Ahluwalia I.J (1985) Industrial Growth in India, Oxford University Press, New Delhi
2. Barthwal R.R. (2021) Industrial Economics, New Age International Publishers, New Delhi.
3. Bagchi Amiya and Banerjee Nirmala (1981), Change and Choice in Indian industry, Centre for Studies in Social Science in Kolkatta
4. Cherunilam Francis (1989), Industrial Economics- Indian Perspective, Himalaya Publishing House, Delhi
5. Datta Ruddar and Sundaram K.P.M (2023) Indian Economy, S.Chand and Co. New Delhi
6. Desai Vasant (1987), Indian Industry: Profile and Related Issues, Himalaya Publishing House, Mumbai.
7. Divine P.J. ,Lee N., Jones R.M. and Tyson W.J. (2018), An Introduction to Industrial Economics ,Routledge London
8. Gadgil D.R.(2007) Industrial Evolution in India in Recent Times , Read Books
9. Hay, Donald A (1979)Industrial Economics : Theory and Evidence, Oxford University Press
10. Kuchhal S.C.(1980) Industrial Economy of India, Himalaya Publishing House, Mumbai
11. Kuchal S.C(1974) Major Industries in India, Chaitanya Publishing House, Allahabad
12. Mani N.(2020)Industrial Economics, New Century Publications, New Delhi
13. Misra S.K. and Puri V.K. (2023) Indian Economy, Himalaya Publishing House, New Delhi
14. Prasad K.N.(2003) Indian Economy Before and Since the Reform, Atlantic Publishers, New Delhi
15. Singh A and Sadhu A.N. (1988)Himalaya Publishing House, Mumbai
16. Sivayya K.V. and Das V.B.M.(1975) Indian Industrial Economy, S. Chand and Co.Ltd., New Delhi.

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**Shivajinagar, Pune - 5**  
**T. Y B.A. Semester-VI**  
**(2023 Pattern under NEP 2020)**

**Course Code: 23ArEcoU6301**

**Course Name: Indian Economic Development -II (Minor Paper-V)**

**Teaching Scheme: TH: 4 Hours/Week**

**Credit: 4**

**Examination Scheme: CIA: 40 Marks**

**End-Sem : 60 Marks**

**Course Objectives:**

1. The course aims to describe and explain the process of economic planning
2. The course aims to describe the changing structure of planning process in India

**Course Outcomes:**

**After the Completion of this Course the Students will be able to:**

1. Recall the concept of economic planning.
2. Understand the role, objectives and structure of NITI Aayog.
3. Identify the 17 sustainable development goals
4. Analyse the sustainable development goals in India.
5. Determine the relation between environment and economic development.
6. Discuss about global warming and environmental policies in India.

**Course Contents**

<b>Chapter 1</b>	<b>Economic Planning</b>	<b>15 lectures</b>
	<b>1.1</b> Economic Planning – Meaning, Definition and Features <b>1.2</b> Need of Economic Planning <b>1.3</b> Objectives of Economic Planning in India	
<b>Chapter 2</b>	<b>National Institution for Transforming India Aayog (NITI Aayog)</b>	<b>15 lectures</b>
	<b>2.1</b> NITI Aayog- Objectives and Structure <b>2.2</b> Role of NITI Aayog <b>2.3</b> Difference between Planning Commission and NITI Aayog	
<b>Chapter 3</b>	<b>Sustainable Development</b>	<b>15 lectures</b>
	<b>3.1</b> Sustainable Development : Meaning and Importance <b>3.2</b> 17 SDGs (Sustainable Development Goals) <b>3.3</b> Measures for Sustainable Development <b>3.4</b> Current Scenario of SDG in India	
<b>Chapter 4</b>	<b>Environment and Economic Development</b>	<b>15 lectures</b>
	<b>4.1</b> Relation between Environment and Economic Development <b>4.2</b> Environment and Sustainable Development	



	<b>4.3 Environmental Policies in India:</b> <b>4.3.1 National Conservation Strategy (1992) - Highlights</b> <b>4.3.2 National Environmental Policy (2006) – Highlights</b> <b>4.4 Global Warming</b>	
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## Recommended Books -

31. Ragnar Nurkse, Problem of Capital Formation in Underdeveloped Countries.
32. Sen Amartya (1970), Growth Economics, Penguin.
33. Zingnan M.L.(1982), The Economics of Development and Planning. Vrinda Publication a. (P) Ltd.
34. Adelman, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
35. Avhad Suhas (2015), 'Economics of Growth and Development' (Marathi Edition) Success Prakashan, Pune
36. Behrman, S. and T.N Srinivasan,(1995) Handbook of Development Economic, Vol. 1 to 3, Elsevier, Amsterdam,
37. Chenery H. and T.N.Srinivasan, (1989) Handbook of Development Economics Vol1&2, Elsevier. Amsterdam.
38. Dasgupta p. (1993) An Enquiry into Well Being and Destitution.
39. Dhage S.K. (2015), Indian Economy ( Marathi Edition) K.S. Publication,Pune.\
40. Wavare A. (2017), Development and Planning Economics (Vikas va Niyojanache Arthshastra - Marathi Edition )
41. Datir R.K.(2013), Vikas ani Paryavarniy Arthshastra, Nirali Prakashan, Pune.
42. Rasal Rajendra (2020), Indian Economy (Marathi), Success Publication Pune, 7<sup>th</sup> edn.
43. Ghatak,S.(1986), An Introduction to Development Economics,Allen and Unwin, London,
44. Ghosh. B.N.(1982) Economic Development and Planning National Book House.
45. Grillis M., D H. Perkins, M.Romer and D.R.Snodgrass (1992) Economic of Development (3rdEdition) W.W.Norton, New York.
46. Patil J.F.(2014),Growth And Development economics (Vruddhi Va Vikasache Airthshastra, Phadke Prakashan - Marathi Edition)
47. Higgins, Benjamin. (1959) Economic Development, W.W.Norton , New York
48. Jennifer A. Elliott, (2013), An Introduction to Sustainable Development (Fourth Edition), Routledge Publication, London and New York.
49. Kindleberger C.P.(1977),Economic Development (3rd Edition ) McGraw Hill, New York.
50. Jagdish Bhagwati,The Economics Of Underdeveloped Countries.
51. Mahata J.K.(1964) Economic of Growth, Asia.
52. Meaer and Baldwin(1970) Economic Development, Asia .
53. Mehata J.K.(1971) Economic Development , Chaitanya.
54. Kute Santosh and Rithe (2019) ,Demography , Prashant Publication Jalgaon.
55. Mishra &Puri, Development and Planning- Theory And Practice, Himalaya.
56. Meier, G.M. (1995) Leading Issue in Economic Development,6ed,Oxford University Press ,New Delhi,
57. Todaro M.P. (1996) Economic Development (6th Edition) Longman, London.

58. UNDP, Human Development Report [Latest]
59. World Development Reports
60. India Development Reports