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)

Choice Based Credit System (CBCS) Syllabus
Under National Education Policy (NEP)
To be implemented from Academic Year 2026-2027

Level:- 4.5 (First Year) Sem:I

Course Type	Course Code	Course Title	Credits		Teaching Scheme Hr/Week		Evaluation Scheme and Max Marks		
			TH	PR	TH	PR	CE	ESE	Total
Subject 1 T(2)+ (T/P) (2) or T(4)	24Ar***U1101	<<Subject 1 Theory>>	2		2		20	30	50
	24Ar***U1102	<<Subject 1 Practical>>		2		4	20	30	50
Subject 2 T(2)+ (T/P) (2) or T(4)	24Ar***U1201	<<Subject 2 Theory>>	2		2		20	30	50
	24Ar***U1202	<<Subject 2 Practical>>		2		4	20	30	50
Subject 3 T(2)+ (T/P) (2) or T(4)	24ArEcoU1305	Indian Economy I	4		4		40	60	100
IKS T(2)	24CpCopU1901	Generic IKS	2		2		20	30	50
GE/OE (T/P) (2)	24ArEcoU1401	Fundamentals of Economics	2		2		20	30	50
SEC (T) (2)	24ArEngU1601 / 24ArGerU1601 / 24ArHinU1601 / 24ArMarU1601 /	English for Administration and Services I / Commercial German – I (DaF im Unternehmen – I) / कायालयी हंदी / प्रसारमाध्यमआ ण समाज माध्यमांचे प्रकार	2		2		20	30	50
AEC T(2)	24CpCopU1701 / 24CpCopU1702	MIL-I (Hindi) / MIL-I (Marathi)	2		2		20	30	50
VEC T (2)	24CpCopU1801	Environmental Science	2		2		20	30	50
Total			16	06	18	06			550

Level:- 4.5 (First Year) Sem:II

Course Type	Course Code	Course Title	Credits		Teaching Scheme Hr/Week		Evaluation Scheme and Max Marks		
			TH	PR	TH	PR	CE	ESE	Total
Subject 1 T(2)+ T/P(2) or T(4)	24Ar***U2101	<<Subject 1 Theory>>	2		2		20	30	50
	24Ar***U2102	<<Subject 1 Practical>>		2		4	20	30	50
Subject 2 T(2)+ T/P(2) or T(4)	24Ar***U2201	<<Subject 2 Theory>>	2		2		20	30	50
		<<Subject 2 Practical>>							
Subject 3 T(2)+ T/P(2) or T(4)	24ArEcoU2305	Indian Economy II	2		2		20	30	50
	24ArEcoU2306	Lab Course on 24ArEcoU2305		2		4	20	30	50
GE/OE	24ArEcoU2401	Introduction to Micro Economics	2		2		20	30	50
(T/P)(2)									

SEC T(2)	24ArEngU2601 / 24ArGerU2601 / 24ArHinU2601 / 24ArMarU2601 /	English for Administration and Services II / Commercial German – II (DaF im Unternehmen – II) / समाचार संकलन और लेखन / प्रसारमाध्यमआ ण समाज माध्यमांसाठी लेखन	2		2		20	30	50
AEC T(2)	24CpCopU2703	English Communication Skills I	2		2		20	30	50
VEC T(2)	24CpCopU2801	Democracy, Election and Governance	2		2		20	30	50
CC(2)	24CpCopU2001/ 24CpCopU2011 / 24CpCopU2021 / 24CpCopU2031 / 24CpCopU2041 / 24CpCopU2051 / 24CpCopU2061 / 24CpCopU2071	Physical Education / Cultural Activities / NSS / NCC / Fine Arts / Applied Arts / Visual Arts / Performing Arts	2		2		20	30	50
Total			16	04	16	08			550

Level:- 5.0 (Second Year) Sem:III

Course Type	**Course Code**	**Course Title**	**Credits**		**Teaching Scheme Hr/Week**		**Evaluation Scheme and Max Marks**		
			TH	PR	TH	PR	CE	EE	Total
Major Core T(2+2 or 4), (T/P)(2)	24ArEcoU3101	Micro Economics I	4		4		40	60	100
	24ArEcoU3102	Macro Economics I	2		2		20	30	50
VSC P(2)	24ArEcoU3501	Lab Course on Macro Economics I		2		4	20	30	50
IKS (T/P)(2)	24ArEcoU3901	Economic History of India (1850-1947)	2		2		20	30	50
FP P(2)	24ArEcoU3002	Field Project I		2		4	20	30	50
Minor (T/P) (2+2 or 4)	24ArEcoU3301	Indian Economic Environment I	4		4		40	60	100
GE/OE (T/P) (2)	24ArEcoU3401	Indian Economy I	2		2		20	30	50
AEC T(2)	24CpCopU3703	English Communication Skills II	2		2		20	30	50
CC T(2)	24CpCopU3001	Online Course on Yoga	2		2		20	30	50
Total			18	04	18	08			550

Level:- 5.0 (Second Year) Sem:IV

Course Type	Course Code	Course Title	Credits		Teaching Scheme Hr/Week		Evaluation Scheme and Max Marks		
			TH	PR	TH	PR	CE	EE	Total
Major Core T(2+2 or 4), (T/P)(2)	24ArEcoU4101	Micro Economics -II	4		4		40	60	100
	24ArEcoU4102	Macro Economics -II	2		2		20	30	50
VSC P(2)	24ArEcoU4501	Lab Course on Macro Economics II		2		4	20	30	50
CEP P(2)	24CpCopU4003	Community Engagement Project		2		4	20	30	50
Minor (T/P)(2+2 or 4)	24ArEcoU4301	Indian Economic Environment II	4		4		40	60	100
GE/OE (T/P) (2)	24ArEcoU4401	Indian Economy II	2		2		20	30	50
SEC T(2)	24ArEngU4601 / 24ArGerU4601 / 24ArHinU4601 / 24ArMarU4601 /	English for Administration and Services III / Commercial German – III (DaF im Unternehmen – III) / संपादन प्र या और साज सज्जा / व्यि तमत्त्व वकास आ ण कौशल्ये	2		2		20	30	50
AEC T(2)	24CpCopU4701 / 24CpCopU4702	MIL-II (Hindi) / MIL-II (Marathi)	2		2		20	30	50
CC T(2)	24CpCopU4001	Health and Wellness	2		2		20	30	50
Total			18	04	18	08			550

Level:- 5.5 (Third Year) Sem:-V

Course Type	Course Code	Course Title	Credits		Teaching Scheme Hr/Week		Evaluation Scheme and Max Marks		
			TH	PR	TH	PR	CE	EE	Total
Major Core T(2+2+2+2or 4 + 2+2 or 4 + 4) P(2+2 or 4)	24ArEcoU5101	International Economics-I	4		4		40	60	100
	24ArEcoU5102	Elementary Quantitative Techniques-I	4		4		40	60	100
	OR								
	24ArEcoU5104	Economy of Maharashtra I	4		4		40	60	100
	24ArEcoU5103	History of Economic Thought	4		4		40	60	100
Major Elective (T/P) (2+2 or 4)	24ArEcoU5201	Agricultural Economics -I	4		4		40	60	100
	24ArEcoU5203	Industrial Economics -I	4		4		40	60	100
VSC P(2)	24ArEcoU5501	Lab Course on International Economics		2		4	20	30	50
FP (2)	24ArEcoU5001	Field Project II		2		4	20	30	50

Minor (T/P) (2)	24ArEcoU5302	Indian Economic Development	2		2		20	30	50
Total			18	04	18	08			550

Level:- 5.5 (Third Year) Sem:-VI

Course Type	**Course Code**	**Course Title**	**Credits**		**Teaching Scheme Hr/Week**		**Evaluation Scheme and Max Marks**		
			TH	PR	TH	PR	CE	EE	Total
Major Core T(2+2+2+2 or 4+2+2 or 4+4) P(2+2 or 4)	24ArEcoU6101	International Economics-II	4		4		40	60	100
	24ArEcoU6102	Elementary Quantitative Techniques-II	4		4		40	60	100
	OR								
	24ArEcoU6104	Economy of Maharashtra II	4		4		40	60	100
	24ArEcoU6103	Public Finance	4		4		40	60	100
Major Elective (T/P) (2+2 or 4)	24ArEcoU6201	Agricultural Economics-II	4		4		40	60	100
	24ArEcoU6203	Industrial Economics -II	4		4		40	60	100
VSC P(2)	24ArEcoU6501	Lab Course on Public Finance		2		4	20	30	50
OJT (2)	24ArEcoU6004	On Job Training		4		8	40	60	100
Total			16	06	16	12			550

TYBA ECONOMICS
SYLLABUS
SEMESTER – V
2024 PATTERN UNDER (NEP 2020)

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T. Y B.A. Semester-V
(2024 Pattern under NEP 2020)
(Major Core)

Course Code: 24ArEcoU5101 **Course Name:** International Economics-I
Teaching Scheme: TH: 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 International economics theories.
4. To understand the concept of Balance of Payment and measures to correct disequilibrium.

Course Outcomes:

1. Recall the meaning of international trade.
2. Compare between inter-regional and international 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 unfavorable terms of trade to developing countries.

Course Contents

Chapter 1	**Introduction**	**15 lectures**
	1.1 International economics- meaning, scope and importance 1.2 Inter-regional and international trade 1.3 Importance of International Trade	
Chapter 2	**Theories of International Trade**	15 lectures
	2.1 Theory of absolute cost advantage and comparative cost advantage 2.2 Heckscher-Ohlin theory, Leontief's paradox, Rybeczynski theorem, 2.3 Intra-Industry Trade	
Chapter 3	**Gains from Trade**	15 lectures

	3.1 Measurement of gains, static and dynamic gains 3.2 Terms of trade – Importance, types and determinants 3.3 Causes of unfavorable terms of trade to developing countries.	
Chapter 4	**Balance of Payments**	15 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. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, CambridgeUniversity Press, Mass.
2. Dangat Nilesh (2015), 'International Economics' Success Publication, Pune.
3. Gite T.G. (2015), 'International Economics' (Marathi Edition), Success Publication, Pune.
4. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd.,London.
5. Jhingan, M. L., International Economics
6. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001,Oxford University Press, Delhi.
7. Kenan, P.B. (1994), The International Economy, Cambridge University Press,London.
8. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
9. Krugman, P.R. and M. Obstgeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
10. Misra and Puri, Indian Economy, Himalaya Publishing House
11. Panchmukhi, V.R. (1978), Trade Policies of India : A Quantitative Analysis,Concept Publishing Company, New Delhi.
12. Patel, S.J. (1995), Indian Economy Towards the 21st Century, University PressLtd., India.
13. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper SaddleRiver, N.J.
14. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
15. झामरे जी. एन. (१९९९). आंतरराष्ट्रीय अर्थशास्त्र. पिंपळापुरे प्रकाशन, नागपूर

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T. Y B.A. Semester-V

(2024 Pattern under NEP 2020)

Major Core

Course Code: 24ArEcoU5102 **Course Name: Elementary Quantitative Techniques-I**

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

Examination Scheme: CIA: 40 Marks **End-Sem : 60 Marks**

Course Objectives:

1. Train students in the practical application of statistical analysis techniques.
2. Introduce fundamental statistics concepts for analytical thinking.
3. Develop skills for primary and secondary data collection and sampling.
4. To measure and interpret central tendency and data variability.

Course Outcomes:

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

1. Recall the origin, functions, and limitations of statistics within population contexts.
2. Compile data using primary and secondary sources with appropriate sampling methods.
3. Organize information through effective data classification and professional tabulation.
4. Analyze Mean, Median, and Mode for individual, discrete, and continuous series.
5. Determine the economic significance of quartiles, deciles, and various percentiles.
6. Interpret data dispersion and skewness using standard deviation and Karl Pearson's coefficients.

Course Contents

Chapter 1	**Introduction to Statistics**	**15 lectures**
	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	
Chapter 2	**Collection of Data and Sampling**	**15 lectures**
	2.1 Primary data and Secondary data 2.1.1 Methods of collecting primary data 2.1.2 Sources of Secondary data 2.2 Methods of Sampling – Probability and Non- Probability Sampling Methods 2.3 sampling and non-sampling errors. 2.4 Classification of data 2.5 Tabulation of data 2.6 Difference between Classification and Tabulation	
Chapter 3	**Measures of Central Tendency**	**15 lectures**

	3.1 Mean- Arithmetic Mean, Geometric Mean, and Harmonic Mean 3.2 Computation of Arithmetic Mean - Individual, Discrete and Continuous series 3.3 Median- Meaning; Calculation of Median - Individual, Discrete and Continuous series 3.4 Mode- Meaning; Calculation of Mode - Discrete and Continuous series 3.5 Calculation and Economic Significance of Quartile, Deciles and Percentiles 3.6 Relationship among the Averages	
Chapter 4	**Measures of Dispersion & Skewness**	**15 lectures**
	4.1 Dispersion- Meaning; Merits and Demerits 4.2 Mean Deviation- Individual, Discrete and Continuous series 4.3 Standard Deviation- Individual, Discrete and Continuous series 4.4 Co-efficient Variance 4.5 Skewness- Concept and Measurement using Karl Pearson's and Bowley's Coefficient	
TOTAL		**60 LECTURES**

Recommended Books:

1. Allan R.G.D – Mathematical Analysis of Economists Macmillan Press, London
2. Black J.& J.F. Bradley – Essential Mathematics for Economists, John Wiley and Sons
3. Chiang A.C. Fundamental Methods of Mathematics. McGraw Hill New Delhi
4. Croxton F.D.-Applied General Statistics, Prentice hall, New Delhi
5. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.
6. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons; New Delhi.
7. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, New Delhi.
8. Prof..Ram Deshmukh (2011), 'Mulbhut Sankhiki' (MarathiEdition),Vidya Prakashan Publication, Pune.
9. Ranade Pushpa,(2015), 'Prathmik Sankhyashastriy tantre' (MarathiEdition),Diamand Publication, Pune.
10. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
11. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
12. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
13. Suklaand Gulshan - Statistics, S. Chand &Company Ltd., New Delhi
14. Y. R. Mahajan- Problems in Statistics, Pimpalapure and Company Publishers, Nagpur.

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T.Y.B.A.

Semester V

(2024 pattern under NEP 2020)

Major Core

Course Code: 24ArEcoU5104 **Course Name: Economy of Maharashtra -I**

Teaching Scheme: TH: 4Hours/ Week **Credit: 04**

Examination Scheme: CIA : 40 Marks **End-Sem : 60 Marks**

Course Objectives:

1. To enable student, understand the basic characteristics and important indicators of economy of Maharashtra.
2. To help students acquaint about the demography of Maharashtra.
3. To enable students get an insight about agricultural and cooperative sector of Maharashtra.

Course Outcomes:

After completion of the course, student will be able to

1. Recall characteristics and performance of Maharashtra in selected SDG indicators.
2. Outline concepts of GSDP,GSVA, sectoral composition of state income.
3. Identify the significance of Maharashtra in India's national income.
4. Analyse the demography of Maharashtra.
5. Evaluate various facets of agricultural sector of Maharashtra.
6. Elaborate cooperative movement , structure of various cooperative societies of Maharashtra and defects of cooperative system.

Course Contents

Chapter 1	**INTRODUCTION**	**15 Lectures**
	1.1 Characteristics of the Economy of Maharashtra. 1.2 State Income: GSDP, GSVA, Sectoral composition of State income 1.3 Significance of Maharashtra in India's national income 1.4 Performance of Maharashtra in selected SDG indicators	
Chapter 2	**DEMOGRAPHY OF MAHARASHTRA**	**15 Lectures**
	2.1 Trends in Population Growth in Maharashtra 2.2 Demographic indicators of Maharashtra 2.3 Density of population and rural -Urban Distribution 2.4 Age and Sex Composition of the population 2.5 Literacy rate of population 2.6 Comparison between Maharashtra and India based on selected population characteristics of Maharashtra	
Chapter 3	**AGRICULTURAL SECTOR IN MAHARASHTRA**	**15 Lectures**
	3.1 Role of agriculture in the economy of Maharashtra. 3.2 Agriculture production in Maharashtra: Kharif crops, Rabbi crops, Summer crops and contribution of horticulture crop 3.3 Crop Insurance and Financial Assistance 3.4 Agricultural Marketing 3.5 Various Agricultural Development Schemes implemented in the State	

Chapter 4	CO-OPERATIVE SECTOR IN MAHARASHTRA	15 Lectures
	4.1 Meaning, Objectives, Features of Co-operative Movement. 4.2 Structure of Cooperative Credit System in Maharashtra. 4.3 Co-operative Marketing Societies 4.4 Other Cooperative societies: Fishery Cooperative, Dairy cooperative, Consumer cooperatives, Maharashtra State Housing Cooperatives 4.5 Defects of Co-Operative System	
Total		**60 Lectures**

Recommended Books:

1. Karnik Ajit and Burange L.G. (2004), Perspectives on Maharashtra's Economy, Himalaya Publishing House
2. Munagekar Bhalchandra(2003), The Economy of Maharashtra: Changing Structure and Emerging Issues,Dr. Ambedkar Institute of Social and Economic Change, Mumbai.
3. Mahajan Dhanashri(2017), Industrial Economy: A Macro Study of Maharashtra, IBP Books.
4. बर्वे रा. का, भारतीय अर्थव्यवस्था आणि महाराष्ट्राच्या आर्थिक समस्या ,गाज प्रकाशन, अहमदनगर.
5. दास्तने संतोष , महाराष्ट्र वार्षिक, नितीन प्रकाशन.
6. मठपती नागनाथ(२०२०), महाराष्ट्राची अर्थव्यवस्था , अजिंक्य प्रकाशन.
7. जंगले मंगला(२०१५ महाराष्ट्राची अर्थव्यवस्था,प्रशांत प्रकाशन, जळगाव.
8. साळुंके आर . एस , महाराष्ट्राची अर्थव्यवस्था , कैलाश प्रकाशन , औरंगाबाद.
9. जाधव तुकाराम , घोटाळे विवेक आणि कुलकर्णी मुक्ता (२०२५) महाराष्ट्र वार्षिकी २०२५, युनिक अकॅडेमी.
10. Economic Survey of Maharashtra .

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T.Y.B.A.
Semester - V
(2024 pattern under NEP 2020)
Major Core

Course Code: 24ArEcoU5103 **Course Name: History of Economic Thought**
Teaching Scheme: TH: 4 Hours/ Week **Credit: 04**
Examination Scheme: CIA : 40 Marks **End-Sem : 60 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.
3. To understand the concepts of different school of thoughts.
4. To focus on the ideas of the Indian school of thought.

Course Outcomes:
After completion of the course, student will be able to–
1. Recall the concept of mercantilism and physiocracy.
2. Identify the different theories of pre-classical and classical school of economic thought.
3. Determine the ideas of neo-classical school of economic thought, Karl Marx and welfare economics
4. Explain the concepts of Keynesian economics.
5. Analyze the Drain theory.
6. Elaborate the contribution of Nobel economists and Indian school of economic thought.

Course Contents

Chapter 1	**PRE - CLASSICAL AND CLASSICAL SCHOOL OF THOUGHT**	**15 Lectures**
	1.5 Introduction to Mercantilism. 1.6 Introduction to Physiocracy. 1.7 Classical School of Economic Thought: 1.3.1 Adam Smith: Concept of division of labour, free trade, function of state in economic development. 1.3.2 Thomas Robert Malthus: Theory of Population. 1.3.3 David Ricardo: Theory of rent, theory of value.	
Chapter 2	**KARL MARX, WELFARE ECONOMICS AND NEO-CLASSICAL SCHOOL OF THOUGHT**	**15 Lectures**
	2.1 Karl Marx: 2.1.1 Exploitation of Labour 2.1.2 Surplus value theory. 2.2 Arthur Cecil Pigou: Pigou's ideas on welfare maximization 2.3 Dr. Alfred Marshall: Definition of Economics, consumer's surplus, quasi-rent, elasticity of demand.	
Chapter 3	**JOHN MAYNARD KEYNES**	**16 Lectures**

	3.6 John Maynard Keynes : 3.6.1 Criticism of classical theory. 3.6.2 Concept of effective demand. 3.6.3 Marginal propensity to consume and marginal efficiency of capital- concept. 3.6.4 Liquidity Trap - concept. 3.6.5 Views on trade cycle.	
Chapter 4	**INDIAN SCHOOL OF ECONOMIC THOUGHT AND CONTRIBUTION OF NOBEL ECONOMISTS**	**15 Lectures**
	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	
Total		**60 Lectures**

Recommended Books:

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

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T. Y B.A. Semester-V
(2024 pattern under NEP 2020)
Major Elective-I

Course Code: 24ArEcoU5201 **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. To understand the basic concepts, nature and scope of Agricultural Economics.
2. To analyze the need, scope and impact of land reforms in India.
3. To examine issues related to agricultural production, irrigation and inputs.
4. To study the structure and functioning of agricultural marketing in India.

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

1. Understand the concepts of Agricultural Economics and the role of agriculture in Indian economy.
2. Analyze causes of low agricultural productivity and measures to improve it.
3. Apply knowledge of irrigation, water management, and drought remedies to agricultural situations.
4. Evaluate the need, scope, achievements, and limitations of land reforms in India.
5. Analyze the structure, problems, and reforms of agricultural marketing systems in India.
6. Evaluate cooperative marketing and suggest strategies to strengthen agricultural market linkages.

Course Contents

Chapter 1	**INTRODUCTION**	**15 Lectures**
	1.1 Meaning, Nature and scope of Agricultural Economics. 1.2 Features of agriculture in a developing economy. 1.3 Role of agriculture in Indian economy. 1.4 Agriculture as contributor to National income.	
Chapter 2	**LAND REFORMS**	**15 Lectures**
	2.1 The need and scope for land reforms in a developing economy 2.2 Land tenure system during Pre-Independence in India. 2.3 Technical and Institutional land reforms 2.4 Achievement and failures of land reforms in India 2.5 Swaminathan Commission – Recommendations	
Chapter 3	**PRODUCTION, IRRIGATION AND AGRICULTURAL INPUTS**	**15 Lectures**

	3.1 Agricultural Productivity: Causes of low agricultural productivity, measures to increase agricultural productivity. 3.2 Regional variations in agricultural productivity in India. 3.3 Cropping pattern in India. 3.4 Irrigation – meaning, types and importance of irrigation in agriculture 3.5 Role of farmers in Water management 3.6 Drought - Reasons and Remedies	
Chapter 4	**AGRICULTURAL MARKETING**	**15 Lectures**
	4.1 Agriculture marketing - concept 4.2 Agricultural Marketing in India- Problems and measures. 4.3 Salient features of APMC Act, 2004. 4.4 Cooperative Marketing -concept 4.5 Cooperative Marketing in India	
TOTAL		**60 Lectures**

Recommended Books:

1. Datt R. & K.P.M Sundharam (2007) Indian Economy, S.Chand&Co.Ltd.Delhi.
Delhi Agrawal A.N. Indian Economy Problem of Development and Planning
2. Dewett Kewal,(2005), Indian Economy C.Chand&Co.Ltd, New Delhi .
3. Dr. S.Shri. M. Desai and Dr. Mrs. Nirmal Bhalerao -Bhartiya Arthvyavstha- Nirali Prakshan.
4. Gopal Ji &Suman Bhakari 'Indian Economy (2012) Performance and Policies Pearson Publication
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. Mamoria.C.B., Agricultural Problems of India Kitab Mahal Pub..
9. Misra S.K. &V.K.Puri (2007) Bhartiya Arthvyavstha - Himalaya Publication house Mumbai.
10. Misra S.K. &V.K.Puri (2007) Indian Economy – Himalaya Publication house Mumbai.
11. Norten and Allwnding – The Introduction to Economic and Agricultural Development Mac Graw Hill Co. Publication, New Delhi.
12. Singh M.P., (2004), Indian Economy Today- Problems Planning and Development. Deep and Deep Publication.

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T. Y B.A. Semester-V
(2024 pattern under NEP 2020)
Major Elective - II

Course Code: 24ArEcoU5203 **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

Chapter 1	**INTRODUCTION**	**15 Lectures**
	1.1 Industrial Economics – Meaning, Scope and Significance of the study. 1.2 Industrialization: advantages and disadvantages. 1.3 Role of industrial development in economic development	
Chapter 2	**INDUSTRIAL POLICY AND GROWTH**	**15 Lectures**
	2.1 Industrial growth and five-year plans. 2.2 Industrial policy resolution 1991 2.3 Recent initiatives for industrial development 2.3.1 Special Economic Zone 2.3.2 Start Up India Initiatives	
Chapter 3	**INDUSTRIAL IMBALANCE**	**15 Lectures**
	3.1 Meaning of industrial imbalance. 3.2 Causes of industrial imbalance.	

	3.3 Measures for industrial imbalance.	
Chapter 4	**BALANCED REGIONAL DEVELOPMENT**	**15 Lectures**
	4.1 Balanced Regional Development-concept. 4.2 Need for Balanced Regional Development. 4.3 Measures adopted for balanced regional growth.	
Total		**60 Lectures**

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
(2024 pattern under NEP 2020)
(Major specific practical)

Course Code: 24ArEcoU5501 Course Name: Lab Course on International Economics (VSC)
Teaching Scheme: 4 Hours/Week Credit : 2
Examination Scheme: CIA: 20 Marks End-Sem: 30 Marks
Course Objectives:

1. To develop a theoretical and analytical understanding of international trade theories and their practical relevance in the context of India's pre- and post-reform trade experience.
2. To critically examine India's foreign trade policy framework, export promotion measures, and regulatory institutions in the context of global trade dynamics.
3. To understand about various measures undertaken to promote export in India.

Course Outcomes:

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

1. Explain the classical and modern theories of international trade.
2. Apply analytical tools to examine trends in India's foreign trade since 2000.
3. Compare India's Foreign Trade Policy 2015-2020 and 2024-25, the role of RBI, SEZ performance, and the impact of FERA and FEMA on India's international trade regulation framework.
4. Design policy suggestions or strategic recommendations to strengthen India's export competitiveness in light of SEZ and Indian MNCs.

Course Contents

Chapter 1	**Theories of International Trade**	**10 lectures**
	1.1 Case study on Importance of International trade (Pre and Post reforms) 1.2 Case study on Comparative advantage 1.3 Comparative study on Intra- industry trade in India and other countries	
Chapter 2	**India's Foreign Trade and Policy**	**10 lectures**
	2.1 Trend Analysis of India's foreign trade since 2000 2.2 Trend Analysis of composition and direction of foreign trade since 2010-2011 2.3 Comparative study of Foreign Trade policy 2015-2020 and 2024-25 2.4 Role of RBI in promoting international trade	

Chapter 3	**Export Promotion measures**	**10 lectures**

	3.1 Comparative study of SEZ and its current status in India and other countries 3.2 FERA and FEMA- provisions and its impact 3.3 Case Study on Indian MNCs	
TOTAL		**30 Lectures**

Recommended Books:

1. Datta / Sundaram (2009), Indian Economy S.Chand And Co. Ltd New Delhi.
2. *DBIE*. (n.d.).
3. Export Promotion Mission: A unified framework for strengthening India's export competitiveness. (n.d.). https://www.pib.gov.in/PressReleasePage.aspx?PRID=2199733®=3&lang=1 https://data.rbi.org.in/DBIE/#/dbie/reports/Statistics/External%20Sector/International%20Trade
4. Jhingan, M. L., International Economics
5. *Reserve Bank of India*. (n.d.). https://www.rbi.org.in/commonman/english/scripts/Notification.aspx?Id=851
6. *Reserve Bank of India*. (n.d.-b). https://www.rbi.org.in/commonman/English/scripts/PressReleases.aspx?Id=3219
7. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper SaddleRiver, N.J.
8. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.
9. झामरे जी. एन. (१९९९). आंतरराष्ट्रीय अर्थशास्त्र. पिंपळापुरे प्रकाशन, नागपू

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T. Y B.A.
Semester-V
(2024 Pattern under NEP 2020)
(MINOR PAPER)

Course Code: 24ArEcoU5302 **Course Name: Indian Economic Development**

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

Examination Scheme: CIA: 20 Marks **End-Sem : 30 Marks**

Course Objectives:

1. The course aims to introduce the main concept in economic growth and development.
2. The course aims to provide an overview of various aspects of economic development with special reference to India.
3. The course aims to provide different constraints in development process.

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

Chapter 1	**Economic Development and Growth**	**10 lectures**
	1.1 Economic Development: Meaning, Definition and Indicators 1.2 Economic Growth: Meaning, Definition and Indicators 1.3 Need and Importance of Economic Development	
Chapter 2	**Developed and Developing Countries**	**10 lectures**
	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	
Chapter 3	**Constraints to Development Process**	**10 lectures**
	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	
TOTAL		**30 Lectures**

Recommended Books –

1. Adelmen, I. (1961), Theories of Economic Growth and Development, Stanford University Press, Stanford.
2. Avhad Suhas (2015), 'Economics of Growth and Development' (Marathi Edition) Success Prakashan, Pune
3. Behrman, S. and T.N Srinivasan,(1995) Handbook of Development Economic, Vol. 1 to 3, Elsevier, Amsterdam,
4. Chenery H. and T.N.Srinivasan, (1989) Handbook of Development Economics Vo1&2, Elsevier. Amsterdam.
5. Dasgupta p. (1993) An Enquiry into Well Being and Destitution.
6. Datir R.K.(2013), Vikas ani Paryavarniy Arthshastra, Nirali Prakashan, Pune.
7. Dhage S.K. (2015),Indian Economy (Marathi Edition) K.S. Publication,Pune.\
8. Ghatak,S.(1986), An Introduction to Development Economics,Allen and Unwin, London,
9. Ghosh. B.N.(1982) Economic Development and Planning National Book House.
10. Grillis M., D H. Perkins, M.Romer and D.R.Snodgrass (1992) Economic of Development (3rdEdition) W.W.Norton, New York.
11. Higgins, Benjamin. (1959) Economic Development, W.W.Norton , New York
12. India Development Reports
13. Jagdish Bhagwati,The Economics Of Underdeveloped Countries.
14. Jennifer A. Elliott, (2013), An Introduction to Sustainable Development (Fourth Edition), Routledge Publication, London and New York.
15. Kindleberger C.P.(1977),Economic Development (3rd Edition) McGraw Hill, New York.
16. Kute Santosh and Rithe (2019) ,Demography , Prashant Publication Jalgaon.
17. Mahata J.K.(1964) Economic of Growth, Asia.
18. Meaer and Baldwin(1970) Economic Development, Asia .
19. Mehata J.K.(1971) Economic Development , Chaitanya.
20. Meier, G.M. (1995) Leading Issue in Economic Development,6ed,Oxford University Press ,New Delhi,
21. Mishra &Puri, Development and Planning- Theory And Practice, Himalaya.
22. Patil J.F.(2014),Growth And Development economics (Vruddhi Va Vikasache Airthshastra, Phadke Prakashan - Marathi Edition)
23. Ragnar Nurkse, Problem of Capital Formation in Underdeveloped Countries.
24. Rasal Rajendra (2020), Indian Economy (Marathi), Success Publication Pune, 7th edn.
25. Sen Amartya (1970), Growth Economics, Penguin.
26. Todaro M.P. (1996) Economic Development (6th Edition) Longman, London.
27. UNDP, Human Development Report [Latest]
28. Wavare A. (2017), Development and Planning Economics (Vikas va Niyojanache Arthshastra - Marathi Edition)
29. World Development Reports
30. Zhingan M.L.(1982), The Economics of Development and Planning. Vrinda Publication

TYBA ECONOMICS

SYLLABUS

SEMESTER - VI

2024 PATTERN UNDER (NEP 2020)

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T. Y B.A. Semester-VI
(2024 pattern under NEP 2020)
(Major Core)

Course Code: 24ArEcoU6101 **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.
4. To aware students on India's relation with international blocs.

Course Outcomes:

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

1. Describe the fundamental concepts of trade policy, exchange rates, tariffs, quotas, WTO framework, and India's foreign trade policy.
2. Explain the growth, composition, and direction of India's foreign trade since 2010–11 and interpret the provisions of FERA, FEMA, and export promotion measures.
3. Apply theoretical concepts of exchange rate systems, trade policies, and export promotion tools to analyze contemporary trade scenarios in India.
4. Analyze the impact of protectionist policies, WTO agreements, regional trade blocs (SAARC, BRICS, EU), and capital account convertibility on India's economic development.
5. Evaluate the effectiveness of India's Foreign Trade Policy 2024–25, Tarapore Committee recommendations, and India's role in WTO and regional cooperation frameworks.
6. Formulate policy recommendations or strategic trade measures for strengthening India's international trade position in the context of globalization and regional cooperation.

Course Contents

Chapter 1	**Trade policy & Exchange Rate**	**10 lectures**
	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.	
Chapter 2	**India's Foreign Trade and Policy**	**20 lectures**

	2.1 Growth of India's foreign trade 2.2 Changes in the composition and direction of foreign trade since 2010-2011 2.3 Foreign Trade policy 2024-25 2.4 WTO- Origin, Objectives, Functions, Structure 2.5 India and WTO	
Chapter 3	**Export Promotion measures**	**15 lectures**
	3.1 Export promotion – EPZ and SEZ 3.2 Role of multinational corporations in India. 3.3 FERA and FEMA- provisions and impact 3.4 Convertibility of Indian rupee 3.5 Tarapore Committee	
Chapter 4	**Regional and International Co-operation**	**15 lectures**
	4.1 Nature and Functions of- 4.2 South Asian Association for Regional Co- operation (SAARC) 4.3 Brazil, Russia, India, China and South Africa (BRICS) 4.4 European Union (EU)	
TOTAL		**60 lectures**

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. Obstgeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice- Hall, Upper SaddleRiver, 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, CambridgeUniversity 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 : AQuantitative Analysis,Concept Publishing Company,New Delhi.
11. Patel, S.J. (1995), Indian Economy Towards the 21st Century, University PressLtd., 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.

15. *DBIE*. (n.d.).
https://data.rbi.org.in/DBIE/#/dbie/reports/Statistics/External%20Sector/International%20Trade

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T. Y B.A. Semester-VI

(2024 pattern under NEP 2020)

(Major Core)

Course Code: 24ArEcoU6102 **Course Name: Elementary Quantitative Techniques-II**

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

Examination Scheme: CIA: 40 Marks **End-Sem : 60 Marks**

Course Objectives:

1. Advance the student's ability to use statistical techniques for relationship analysis.
2. Introduce mathematical applications of statistics to core economic problems.
3. Train students in formulating and testing scientific hypotheses.
4. Provide a foundation for using regression analysis in economic forecasting.

Course Outcomes:

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

1. Analyze variable relationships using scatter diagrams and Karl Pearson's correlation.
2. Apply Spearman's rank correlation and understand different types of correlation.
3. Find linear regression lines and coefficients using the method of least squares.
4. Solve economic problems regarding interest rates and construction of index numbers.
5. Determine equilibrium price, consumer surplus, and price elasticity using mathematical functions.
6. Formulate statistical hypotheses and perform testing using the Chi-square method.

Course Contents

Chapter 1	**Correlation Analysis**	**15 lectures**
1.1	Meaning & Significance of Correlation	
1.2	Types of correlation	
1.3	Scatter Diagrams and their interpretation.	
1.4	Karl Pearson's Coefficient of Correlation (Simple)	
1.5	Spearman's Rank Correlation Coefficient	
Chapter 2	**Regression Analysis**	**15 lectures**
2.1	Concept of Regression	
2.2	Difference between correlation and regression analysis	
2.3	Linear Regression: Method of Least Squares, Regression Lines of Y on X and X on Y, Regression Coefficients and their properties.	
2.4	Multiple Regression: Concept and application with two independent variables.	
Chapter 3	**Economics Application**	**15 lectures**

3.1	Calculations of rate of interest	
3.2	Simple & compound rate of interest	
3.3	Index Number- Concept	
3.4	Construction of Index Number	
3.5	Equilibrium price determination and Consumer Surplus.	
3.6	Mathematical application to Price Elasticity of Demand.	
3.7	Relationship between Total, Marginal, and Average functions (Revenue and Cost).	
Chapter 4	**Hypothesis**	**15 lectures**
4.1	Definition of Hypothesis	
4.2	Formulation of Hypothesis	
4.3	Testing of Hypothesis - Chi square test	
TOTAL		**60 Lectures**

Recommended Books:

1. Allan R.G.D – Mathematical Analysis of Economists Macmillan Press, London
2. Black J.& J.F. Bradley – Essential Mathematics for Economists, John Wiley and Sons
3. Chiang A.C. Fundamental Methods of Mathematics. McGraw Hill New Delhi
4. Croxton F.D.-Applied General Statistics, Prentice hall, New Delhi
5. Elhance and Aggarwal- Fundamentals of Statistics, Kitab Mahal, Allahabad.
6. Gupta, S.C. and Kapoor V.K.-Fundamentals and Applied statistics, S. Chand & Sons; New Delhi.
7. Pillai and Bagavathi- Statistics Theory and Practice, S. Chand & Company, New Delhi.
8. Prof..Ram Deshmukh (2011), 'Mulbhut Sankhiki' (MarathiEdition),Vidya Prakashan Publication, Pune.
9. Ranade Pushpa,(2015), 'Prathmik Sankhyashastriy tantre' (MarathiEdition),Diamand Publication, Pune.
10. S. P. Gupta - Statistical Methods, Sultan Chand & Sons, New Delhi
11. Shenoy, Srivastav and Sharma- Business Statistics, New Age International Publishers, Mumbai.
12. Spiegel, M.R.-Theory and Problems of Statistics, McGraw Hill Book, London.
13. Suklaand Gulshan - Statistics, S. Chand &Company Ltd., New Delhi
14. Y. R. Mahajan- Problems in Statistics, Pimpalapure and Company Publishers, Nagpur.

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T.Y.B.A.
Semester VI
(2024 pattern under NEP 2020)
(Major Core)

Course Code: 24ArEcoU6104 **Course Name: Economy of Maharashtra-II**
Teaching Scheme: TH: 4Hours/ Week **Credit: 04**
Examination Scheme: CIA : 40 Marks **End-Sem : 60 Marks**

Course Objectives:
1.To enable student, understand the industrial sector and social sector of Maharashtra.
2. To help students acquaint about the infrastructure of Maharashtra.
3.To enable students get an insight about state finances of Maharashtra.

Course Outcomes:
After completion of the course, student will be able to
1. Recall role of industrial sector, service sector and infrastructure in the economy of Maharashtra.
2. Outline the progress of different infrastructural facilities and services sector.
3. Identify the industrial production of Maharashtra.
4. Analyse the institutional support, FDI in industrial sector of Maharashtra.
5. Evaluate various facets of state fiancé of Maharashtra.
6. Elaborate programs of industrial development and industrial policy of Maharashtra,2019

Course Contents

Chapter 1	INDUSTRIAL SECTOR IN MAHARASHTRA	15 Lectures
	1.1 Role of industrial sector in the economy of Maharashtra 1.2 Industrial production in Maharashtra. 1.3 Foreign Direct Investment in industries of Maharashtra 1.4 Institutional Support for industrial development of Maharashtra: MIDC, SICOM, SICOM MSFC, MSSIDC, MSInS 1.5 Programs for Industrial Development and New Industrial Policy of Maharashtra, 2019	
Chapter 2	**INFRASTRUCTURE IN MAHARASHTRA**	**15 Lectures**
	2.1 Role of Infrastructure in the development of the economy of Maharashtra. 2.2 Progress in Transport facilities 2.3 Progress in Communication facilities 2.4 Progress in Irrigation facilities 2.5 Progress in Banking facilities	
Chapter 3	**SOCIAL SECTOR IN MAHARASHTRA**	**17 Lectures**
	3.1 Role of Social Sector in the development of the economy of Maharashtra 3.2 Progress in Health Sector of Maharashtra 3.3 Progress in Education Sector of Maharashtra 3.4 Progress in Women and Child Development Sector of Maharashtra 3.5 Progress in Housing Sector of Maharashtra	

Chapter 4	STATE FINANCE OF MAHARASHTRA	15 Lectures
	4.1 Major sources of revenue of Maharashtra State government 4.2 Major items of expenditure of Maharashtra State government 4.3 Functions of State Finance Commission 4.4 Structure of Local government in the State 4.5 Highlights of recent State Budget of Maharashtra	
Total		**60 Lectures**

Recommended Books:

1. Karnik Ajit and Burange L.G.(2004), Perspectives on Maharashtra's Economy, Himalaya Publishing House.
2. Munagekar Bhalchandra(2003), The Economy of Maharashtra: Changing Structure and Emerging Issues,Dr. Ambedkar Institute of Social and Economic Change, Mumbai.
3. Mahajan Dhanashri(2017), Industrial Economy: A Macro Study of Maharashtra, IBP Books.
4. बर्वे रा. का, भारतीय अर्थव्यवस्था आणि महाराष्ट्राच्या आर्थिक समस्या ,गाज प्रकाशन, अहमदनगर.
5. दास्तने संतोष , महाराष्ट्र वार्षिक, नितीन प्रकाशन.
6. मठपती नागनाथ(२०२०), महाराष्ट्राची अर्थव्यवस्था , अजिंक्य प्रकाशन.
7. जंगले मंगला(२०१५ महाराष्ट्राची अर्थव्यवस्था,प्रशांत प्रकाशन, जळगाव.
8. साळुंके आर . एस , महाराष्ट्राची अर्थव्यवस्था , कैलाश प्रकाशन , औरंगाबाद.
9. जाधव तुकाराम , घोटाळे विवेक आणि कुलकर्णी मुक्ता (२०२५) महाराष्ट्र वार्षिकी २०२५, युनिक अकॅडेमी .
10. Economic Survey of Maharashtra .

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T. Y B.A. Semester-VI
(2024 pattern under NEP 2020)
(Major Core)

Course Code: 24ArEcoU6103 **Course Name: Public Finance**
Teaching Scheme: TH: 4 Hours/Week **Credit: 04**
Examination Scheme: CIA: 40 Marks **End-Sem: 60 Marks**

Course Objectives:

1. To develop a conceptual understanding of the meaning, nature and scope of public finance, including the role of government and market failures in modern economies
2. To enable students to analyze public revenue and expenditure patterns, their classification, causes, effects, and principles guiding government financial decisions.
3. To familiarize students with the structure, components and types of government budgets, including deficit indicators and fiscal responsibility mechanisms.
4. To help students evaluate fiscal policy tools, deficit financing trends, and fiscal federalism.

Course Outcomes:

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

1. Understand the fundamental concepts and scope of Public Finance.
2. Analyze the structure and principles of Public Revenue and Public Expenditure.
3. Apply concepts of government budgeting and budgetary components.
4. Evaluate deficit financing trends and its impact on the Indian economy.
5. Examine fiscal policy and its role in economic stabilization and growth.
6. Analyze fiscal federalism and the Centre–State financial relations in India.

Course Contents

Chapter 1	**INTRODUCTION**	**15 Lectures**
	1.1 Meaning, Nature and scope of Public Finance. 1.2 Role of government in an economy 1.3 Private Finance and Public Finance 1.4 Principle of Maximum Social Advantage	
Chapter 2	**PUBLIC REVENUE AND PUBLIC EXPENDITURE**	**15 Lectures**
	2.1 Public Revenue – Meaning and Sources . 2.2 Classification of Public Revenue 2.3 Meaning and principles of Public Expenditure 2.4 Classification of Public Expenditure 2.5 Causes of increasing Public Expenditure 2.6 Effects of Public Expenditure	
Chapter 3	**GOVERNMENT BUDGET**	**15 Lectures**

	3.1 Meaning, nature and objectives of Budget 3.2 Types of Budget – Revenue, Capital, Surplus, Deficit and Balance Budget 3.3 Budget Components – Revenue Account, Capital Account 3.4 Budget Deficit – Revenue, Fiscal, Primary Deficit 3.5 FRBM Act – Objectives & Limitations	
Chapter 4	**DEFICIT FINANCING AND FISCAL POLICY**	**15 Lectures**
	4.1 Meaning, Objectives of Deficit Financing 4.2 Causes and Effects of Deficit Financing 4.3 Trends in India Deficit finance since 2001 4.4 Meaning , Objectives &Instruments of Fiscal Policy 4.5 Fiscal Federalism – Centre–State Financial Relations in India	
TOTAL		**60 Lectures**

Recommended Books:

Basic Reading List

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

Additional Reading List:

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

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T. Y B.A. Semester-VI
(2024 pattern under NEP 2020)
(Major Elective – III)

Course Code: 24ArEcoU6201 **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.
4. To study about agricultural insurance.

Course Outcomes:
After completion of this course, the student will be able to:
1. Understand the fundamental concepts of agricultural credit and its importance in rural development.
2. Analyze the functioning of microfinance and its role in improving rural livelihoods..
3. Evaluate the socio-economic conditions of agricultural labour in India.
4. Analyze agricultural pricing systems and agricultural price policies in India.
5. Explain the concept of food security and the role of the Public Distribution System (PDS).
6. Evaluate agricultural insurance mechanisms, with focus on crop insurance programs in India.

Course Contents

Chapter 1	**AGRICULTURAL CREDIT**	**15 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 Present position of agricultural labour in India – Wages and earnings of agricultural labour 2.3 Causes of poor conditions agricultural labour and measure adopted by the government 2.4 Recommendation of National Commission on Rural Labour (NCRL)	
Chapter 3	**AGRICULTURAL PRICES and FOOD SECURITY**	**15 Lectures**

	3.1 Agricultural Prices : Important factors influencing pricing of agricultural produce. 3.2 Need for agricultural price policy. 3.3 Agricultural Price system in India. 3.4 Evaluation of government's agricultural price policy 3.5 Food Security- Concept 3.6 Public Distribution System and its Impact on poverty	
Chapter 4	**AGRICULTURAL INSURANCE**	**15 Lectures**
	4.1 Agricultural Insurance : Definition and Concept 4.2 Crop insurance in India 4.3 Issues and Challenges in Implementation of crop insurance in India 4.4 Measures to stabilize-crop Insurance for crop protection 4.5 Pradhan Mantri Fasal Bima Yojana(PMFBY)	
TOTAL		**60 Lectures**

Recommended Books:

1. Datt R. & K.P.M Sundharam (2007) Indian Economy, S.Chand&Co.Ltd.Delhi.
Delhi Agrawal A.N. Indian Economy Problem of Development and Planning 06.
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
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. Mamoria.C.B., Agricultural Problems of India Kitab Mahal Pub..
8. Misra S.K. &V.K.Puri (2007) Indian Economy – Himalaya Publication house Mumbai.
9. Norten and Allwnding – The Introduction to Economic and Agricultural Development Mac Graw Hill Co. Publication, New Delhi.
10. Singh M.P., (2004), Indian Economy Today- Problems Planning and Development. Deep and Deep Publication.

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T. Y B.A. Semester-VI

(2024 pattern under NEP 2020)

(Major Elective-IV)

Course Code: 24ArEcoU6203 **Course Name: Industrial Economics - II**
Teaching Scheme: TH: 4 Hours/Week **Credit: 04**
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

Chapter 1	**INDUSTRIAL FINANCE AND SOURCES OF INDUSTRIAL FINANCE**	**15 Lectures**
	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.	
Chapter 2	**FOREIGN CAPITAL**	**15 Lectures**
	2.1 Foreign Capital: Meaning and need. 2.2 Forms of foreign capital: FDI, FII, ADR, GDR. 2.3 Trends in foreign capital in India since 2010	
Chapter 3	**INDUSTRIAL RELATIONS**	**15 Lectures**
	3.1 Industrial Relations: Concept and importance 3.2 Factors affecting industrial relations. 3.3 Industrial relation code 2020	

Chapter 4	INDUSTRIAL DISPUTES	15 Lectures
	4.1 Meaning and Causes of industrial disputes. 4.2 Machinery for the settlement of industrial disputes. 4.2.1 Conciliation 4.2.2 Arbitration 4.2.3 Adjudication	
Total		**60 Lectures**

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
17. Industrial relations Code, 2020 : Promoting harmony and Ease of Doing Business .(n.d.2025).https://www.pib.gov.in/PressReleseDetailm.aspx?PRID=2193100®=3&lang=2.

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T. Y B.A. Semester-VI
(2024 pattern under NEP 2020)
(Major Specific Practical)

Course Code: 24ArEcoU6501
Course Name: Lab Course on Public Finance (VSC)
Teaching Scheme: TH: 4 Hours/Week **Credit: 02**
Examination Scheme: CIA: 20 Marks **End-Sem: 30 Marks**

Course Objectives:

1. Understand the structure of public finance, market failure, and government intervention.
2. Interpret government fiscal data from budget documents.
3. Apply analytical tools to evaluate taxation, deficits, and sectoral public spending.

Course Outcomes:

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

1. Understand Public and Private Finance & Government Intervention.
2. Apply Concepts of Market Failure to Real Indian Examples.
3. Analyze India's Fiscal Federalism and Budget Trends.
4. Evaluate Fiscal Policies, Tax System Issues.

Course Contents

Chapter 1	**PUBLIC REVENUE ANALYSIS**	**10 Lectures**
	1.1 Comparative study on Public Finance and Private Finance 1.2 Case Studies on the role of government in various sectors: Health and Education 1.3 Types of goods -Case study of market failure in Indian economy	
Chapter 2	**ISSUES FROM INDIAN PUBLIC FINANCE**	**10 Lectures**
	2.1 Analysis of Indian tax system 2.2 Analysis of Budget 2.3 Analysis of different types of Deficit in budget 2.4 Fiscal Federalism in India - State and Local Finances	
Chapter 3	**GOVERNMENT BUDGET**	**10 Lectures**
	3.1 Evaluate the Central Government Budget 3.2 Union Budget and its application on Indian Economy 3.3 Analysis of Gender Budgeting	
TOTAL		**30 LECTURES**

Recommended Books:

1. Alan J. Auerbach (Editor), *Public Economics: Principles and Practice*, published by Harvard University Press.
2. B.P. Tyagi, *Public Finance – Theory and Practice*, published by Jai Prakash Nath & Co.
3. C. Rangarajan, *Fiscal Federalism in India*, published by Oxford University Press.
4. Economic Survey of India, published by the Ministry of Finance, Government of India.
5. H.L. Bhatia, *Public Finance*, published by Vikas Publishing House.
6. Handbook of Statistics on Indian Economy, published by the Reserve Bank of India.
7. Joseph E. Stiglitz and Jay K. Rosengard, *Public Economics*, published by W.W. Norton & Company.
8. M. Govinda Rao and Sudipto Mundle, *Indian Public Finance and Policy*, published by Oxford University Press.
9. Ramesh Singh, *Indian Economy*, published by McGraw Hill.
10. Richard A. Musgrave and Peggy Musgrave, *Public Finance in Theory and Practice*, published by McGraw Hill.
11. S.K. Singh, *Theory and Practice of Public Finance*, published by Himalaya Publishing House.
12. Shankar Acharya, *The Indian Economy: A Macroeconomic Perspective*, published by Oxford University Press.
13. Union Budget Documents, published annually by the Ministry of Finance, Government