

SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

FACULTY OF HUMANITIES

As per National Education Policy (NEP-2020)



Syllabus

Three Years- Six Semesters Bachelor's Degree Program

Teaching, Learning & Evaluation Scheme: For the
Degree of Bachelor of Arts with the

Major, Minor, IKS-SS & Open Elective - Economics

B.A. II - SEMESTER - III & IV Level - 5.0

Subject Code - 613 (Economics)

Effective from Academic year -2025-26

(Board of Studies Economics, Faculty of Humanities)

Sant Gadge Baba Amravati University

Three Year Six Semesters Programme :Bachelor's of Arts (B.A.) With Major- **Economics** and Minor - **Economics** (NEP)

Faculty: Humanities, B. A. Second Year -Semester - III (NEP), Level - 5.0

Department Specific Core (DSC) /Subject- Major / Minor - **Economics** DSC Code- **613**

Scheme - Teaching - Learning -Examination

S N o.	Semester	Ve r t i c a l	NEP Vertical Type	Course Code	Course Title	Teaching Scheme Hours (Per week)			Learning (Per week)		Teaching Work Load Hours	Marks /Examination		
						L	P	Total	Total Hours	Credit Offered		External	Internal	Total
1	B.A. Semester - III	a	Major-DSC- Economics	613203	Major- III (Theory)-Macro Economics	4	--	4	4	4	4	60	40	100
2				613204	Major- IV (Theory) Introduction of Public Economics	3	--	3	3	3	3	60	40	100
3			IKS - Major-DSC- Economics	613241	Major- IKS - Indian Economic Thinkers'-I	1	-	1	1	1	1	---	25	25
4		b	Minor-DSC- Economics	613261	Minor- III (Theory) Money Income & Employment	4	--	4	4	4	4	60	40	100
5		e	Value Education Course (VEC)-	751201	VEC- I (A) - Understanding India	1	--	1	1	1	1	--	25	25
6				751202	VEC- I (B) - Environmental Education-I	1	-	1	1	1	1	--	25	25
7		d	II) Skill Enhancement Courses(SEC)	751203	SEC- Life skills -III (A) Universal Human Value (love, and Compassion, Truth, Non-Violeance, Righteousness, Pease, Service, Renunciation (Sacrifice) Tyag)	1	--	1	1	1	1	--	25	25
8				751204	SEC- Life skills -III (B) Leadership & Managerial skills (Leadership skills, Managerial skills Entrepreneurship, Innovative Leadership and Design Thinking, Ethics and Integrity)	1	--	1	1	1	1	--	25	25
9		c	Generic/Open Elective (OE)	613275	OE-5- Economics in Competitive Examination (Economics)	2	--	2	2	2	2	30	20	50
10				613276	OE-6 - Financial Institutions (Economics)	2	--	2	2	2	2	30	20	50
11		f	Co-Curricular Courses	NSS/UBA/ NCC cultural / sports /Yoga stc		--	4	4	4	2	4	--	--	--
										22				

L: Lecture, T: Tutorial, P: Practical/ Practicum Total Credits offered : 22(Max), Total credits to be earned : 20 (Min) / Batch-size (16)

Sant Gadge Baba Amravati University

Three Year Six Semesters Programme :Bachelor's of Arts (B.A.) With Major- **Economics** and Minor - **Economics** (NEP)

Faculty: Humanities, B. A. Second Year -Semester - IV (NEP), Level - 5.0

Department Specific Core (DSC) /Subject- Major / Minor - **Economics DSC Code- 613**

Scheme - Teaching - Learning -Examination

S N o.	Semester	Ve rti cal	NEP Vertical Type	Course Code	Course Title	Teaching Scheme Hours (Per week)			Learning (Per week)		Teaching Work Load Hours	Marks /Examination		
						L	P	Total	Total Hours	Credit Offered		External	Internal	Total
1	B. A. Semester- IV	a	Major - DSC Economics	613205	Major- V (Theory) Cooperation	4	--	4	4	4	4	60	40	100
2				613506	Major- VI (Theory) Banking	5	--	5	5	5	5	60	40	100
3			Major - IKS -DSC- Economics	613242	Major- IKS - Indian Economic Thinkers' -II	1	-	1	1	1	1	---	25	25
4		b	Minor- DSC- Economics	613262	Minor - IV (Theory) Economy of Vidarbha	4	--	4	4	4	4	60	40	100
5			Minor- Elective- DSC- Economics (Students select Any One)	613263	Minor Elective - V (A) (Theory) Rural Economics	4	--	4	4	4	4	60	40	100
6				613264	Minor Elective - V (B) (Theory) Demography									
7		e	Value Education Course (VEC)	751205	VEC-II-(A)- Digital Technological solutions	1		1	1	1	1	---	25	25
8				751206	VEC-II-(B)-Environmental Education-II	1		1	1	1	1	---	25	25
9		f	Co-Curricular Courses	NSS/UBA/ NCC cultural / sports /Yoga stc		--	4	4	4	2	4	--	--	--
										22				

L: Lecture, T: Tutorial, P: Practical/ Practicum Total Credits offered : 22(Max), Total credits to be earned : 20 (Min) / Batch-size (16)

Sant Gadge Baba Amravati University, Amravati
As Per NEP 2020 Syllabus Session- 2025-26
Faculty: Humanities
Three Years- Six Semesters Bachelor's Degree Program-
NEP Major Discipline
Department Specific Core (DSC)/Subject - Economics
B.A. Semester III & IV (NEP) Level 5.0

INSTRUCTION TO PAPER SETERS

Total Mark of Theory Papers	Distribution of unit wise Long/Short answers type Questions
60 Marks	<p>Long answers on any Two Unites out of Six Unites (Each question having 10 Marks)</p> <p>2) Long answers Types questions should internal choice bases (i.e Solve any one question from following question)</p> <p>3) Short answers on any Four Unites out of the Six (Each question having 05 Marks)</p> <p>4) Short answers Types question should internal choice based (i.e Solve any Two question from following questions)</p>
Total Mark of Internal Exam	Distribution of Marks
40 Marks	20 Marks Assignment
20+20	<p>20 Marks for MCQ Type Exam</p> <p>This MCQs should ask on all units</p>

Chairperson & Member Bord of Studies in Economics

Sant Gadge Baba Amravati University, Amravati
As Per NEP 2020 Syllabus Session- 2025-26
Faculty: Humanities
Three Years- Six Semesters Bachelor's Degree Program
Syllabus
B. A. SEMESTER – III (NEP) Level – 5.0
Major -DSC- Economics

Course Code – 613203

Course Title - Major -III (Theory) - Macro Economics

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	B.A. Semester III	613203	Major -III (Theory) Macro Economics	4	4	3 Hours	60	40	100

Major Paper - Theory-III - Macro Economics

Course Objectives: The objective of the Macroeconomics syllabus is to provide students with a comprehensive understanding of key economic concepts such as GDP, inflation, unemployment, fiscal and monetary policies, and economic growth. It aims to develop analytical skills to evaluate economic indicators, assess government policies, and understand global economic dynamics.

Course Outcomes:

1. Students will be able to understand and analyze macroeconomic concepts, interpret economic indicators, evaluate the concept of National Income.
2. Students will be able to understand the concept of money, its functions, types, and the factors influencing the value of money.
3. Students will be able to understand the causes, types, and effects of inflation, analyze its impact on the economy, and evaluate policy measures to control it.
4. Students will be able to understand the causes and effects of deflation, analyze its impact on economic growth and employment.
5. Students will be able to understand the concept of output, measure national income and production, analyze factors influencing economic output, and evaluate its impact on economic growth and stability.
6. Students will be able to understand the concepts of investment and saving, analyze their relationship with economic growth, and evaluate factors influencing saving and investment decisions in an economy.

Macro Economics (Major- III Credits 4 Hrs-60)

Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction	10 Hrs	10 Marks
	1 Macro Economics: Definition, Nature & Scope.		
	2 Importance & Limitations of Macro Economics		
	3 Distinction between Micro and Macro Economics		
Unit II	National Income	10 Hrs	10 Marks
	1 National Income: Meaning & Definition		
	2 Concept of National Income (GDP, NDP, GNP, NNP & PCI)		
	3 Methods and Difficulties in Measurement of National Income		
Unit III	Money and Value of Money	10 Hrs	10 Marks
	1 Barter System: Meaning & Difficulties in Barter System		
	2 Money: Definition, Features and Functions		
	3 Value of Money: Meaning of Value of Money, Fisher's Quantity Theory of Money		
Unit IV	Inflation & Deflation	10 Hrs	10 Marks
	1 Inflation: Introduction, Definition & Types.		
	2 Deflation: Introduction & Definition		
	3 Causes and Effects of Deflation & Inflation		
Unit V	Output	10 Hrs	10 Marks
	1 Say's Law of Market		
	2 Consumption Function: Meaning and its Concepts.		
	3 Influencing Factors of Consumption Function		
Unit VI	Investment & Saving	10 Hrs	10 Marks
	1 Investment: Meaning & Types of Investment		
	2 Investment Multiplier: Definition, Leakages and Importance		
	3 Saving: Meaning, Types & Importance		

References:

- 1) Ahuja H.L, Macroeconomics Theory & Policy, S. Chand and co. Ltd., New Delhi
- 2) Blackhouse R. and Salansi A., Macro Economics and The Real World (2nd Volume) Oxford University Press, London
- 3) D'Souza, Errol, Macroeconomics, Pearson Education, Delhi
- 4) Gupta R.D. and Rana A.S., Post- Post-Keynesian Economics, Kalyani Publishers, Ludhiana
- 5) Heijdra B.J. and V.P. Frederick, Foundations of Modern Macro Economics, Oxford University Press, New Delhi
- 6) Jha R., Contemporary Macro Economic Theory and Policy, Wiley Eastern Ltd., New Delhi
- 7) Jhingan M.L, Macro Economics
- 8) Keynes J. M., General Theory of Employment and interest and Money

- 9) Mithani D. M., Money, Banking, International Trade and Public Finance, Himalaya Publications
- 10) Rakshit M., Studies in the Macro Economics of Developing countries, Oxford University Press, New Delhi
- 11) Shukla D. K., Business Cycle Analysis
- 12) Turnovsky, Methods of Macro-Economic Dynamics
- 13) आहुजा एच एल, उच्चतर समष्टि अर्थशास्त्र, एस. चंद्र एण्ड कम्पनी लिमिटेड नई दिल्ली
- 14) झिंगन एम एल, समष्टि अर्थशास्त्र, वृंदा पब्लिकेशन प्रा ली.दिल्ली
- 15) डॉ माहोरे रा य, समष्टि अर्थशास्त्र, हिमालय पब्लिकेशन हाउस मुंबई
- 16) डॉ महादेव रिठे, डॉ संतोष कुटे, स्थूल अर्थशास्त्र, प्रशांत पब्लिकेशन जळगाव
- 17) डॉ राजपूत करमसिंग, स्थूल अर्थशास्त्र, श्री साईनाथ प्रकाशन नागपूर
- 18) डॉ झामरे जी एन, स्थूल अर्थशास्त्र, पिंपळापुरे अंड कं पब्लिशर्स नागपूर
- 19) प्रा नांदे, प्रा महाजन, समग्रलक्ष्मी अर्थशास्त्र, मंगेश प्रकाशन, नागपूर

Syllabus
B. A. SEMESTER - III (NEP) Level – 5.0
Major -DSC - Economics

Course Code – 613204

Course Title - Major -IV (Theory) - Introduction of Public Economics

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	III	613204	Major - IV (Theory) Introduction of Public Economics	3	3	3 Hours	60	40	100

Major -IV (Theory) - Introduction of Public Economics

Course Objectives: Students will be able to understand the role of government in the economy, analyze public revenue and expenditure, evaluate fiscal policies, and assess their impact on economic efficiency and social welfare.

Course Outcomes:

1. Students will be able to understand the principles of public finance and its importance.
2. Students will be able to understand the concepts of public revenue, public expenditure, and public debt, analyze their interrelationships, and evaluate their impact on economic stability, growth, and fiscal policy.
3. Students will be able to understand the concept and components of a budget, analyze its role in economic planning and fiscal policy, and evaluate its impact on economic stability and development.
4. Students will be able to analyze the objectives, instruments, and impact of fiscal policy on economic stability, growth, and income distribution, while evaluating government revenue, expenditure, budgeting, and debt management strategies in national and global contexts.

Introduction of Public Economics (Major IV -Credits 3 Hrs-45)

Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction of Public Economics	7 Hrs	10 Marks
	1 Public Economics: Meaning, Definitions.		
	2 Public Economics: Nature & Scope		
	3 Importance of Public Economics		
Unit II	Public Revenue	7 Hrs	10 Marks
	1 Public Revenue: Meaning, types & Characteristics.		
	2 Sources of Public Revenue		
	3 Indian Tax Structure (IT-Income Tax & GST – Goods & Services Tax)		
Unit III	Public Expenditure	8 Hrs	10 Marks
	1 Public Expenditure: Meaning & Nature & Classification.		
	2 Causes and Effects of increasing Public Expenditure in India		
	3 Role of Public Expenditure in Developing Economy		
Unit IV	Public Debt	8 Hrs	10 Marks
	1 Public Debt: Meaning, importance & Classification.		
	2 Source of Public Debt		
	3 Causes and Effects of increasing Public Debt.		
Unit V	Budget	8 Hrs	10 Marks
	1 Budget: Meaning, Definition & Importance		
	2 Types of Budgets		
	3 Structure of Union Budget of India.		
Unit VI	Fiscal Policy	7 Hrs	10 Marks
	1 Fiscal Policy: Meaning, Definition & Objectives		
	2 Importance of Fiscal Policy		
	3 NITI Aayog: Objectives, features & functions		

References:

1. Bhatia R.L., Public Finance
2. Chelliah Raja, Fiscal Policy in Underdeveloped Countries.
3. Daltan H, Principles of Public Finance.
4. Hicks Ursula, Development Finance.
5. Misra B., Economics of Public Finance.
6. Saxena and Mathur, Public Finance.
7. Singh S.K., Public Finance in Theory and Practice.
8. Tyagi B.P., Public Finance.
9. Government of India, Reports of the Finance Commission.
10. Bhadane Jaywant (2020), GST: Smart Taxation System, International Publication, New Delhi.
11. ढमढरे एस. व्ही. सार्वजनिक आयव्यय, डायमंड पब्लिकेशन्स, पुणे
12. देव आणि झामरे, राजस्व
13. सिन्हा वी. सी., आंतरराष्ट्रीय अर्थशास्त्र एवं राजस्व, एस वी डी पब्लिकेशन आगरा
14. ओझरकर एस, राजस्व

Syllabus
B. A. SEMESTER - III (NEP) Level – 5.0
Major -IKS- DSC - Economics
Course Code – 613241

Course Title - Major -IKS - Indian Economic Thinkers – I

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Theory Marks	Internal Marks	Total Marks
5.0	III	613241	Major- IKS Indian Economic Thinkers - I	1	1	--	15 (College Level)	10	25

Major -IKS Indian Economic Thinkers - I

Course Objectives:	The course " Indian Economic Thinkers " aims to explore the contributions, theories, and impact of prominent Indian economists and philosophers on economic thought, policy, and development.
Course Outcomes:	<ul style="list-style-type: none"> To analyze and understand the economic policies, administration, and strategies employed by Chhatrapati Shivaji Maharaj, and their impact on the socio-economic structure of his empire. To examine the economic philosophies, social reforms, and contributions of Chhatrapati Shahu Maharaj and Mahatma Jotirao Phule in addressing caste, inequality, and promoting economic justice for marginalized communities.

Major- IKS-- Indian Economic Thinkers-1

Unit System	Contents		Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction to Economics of Chh. Shivaji Maharaj		7 Hrs	5 Marks
	1	Introduction of Shivaji Maharaj’s reign and administrative vision.		
	2	Revenue and Land Administration		
	3	Trade and Commerce		
Unit II	Chh. Shahu Maharaj & Mahatma J Fule Economics View		8 Hrs	10 Marks
	1	Policies to support agriculture and rural development. (Chh. Shahu Maharaj)		
	2	Evaluation of Chh. Shahu Maharaj economic strategies in a modern context.		
	3	Introduction to Mahatma Phule’s Economic Thought		
Total 25 Marks (Assignment 10 Marks , Theory (College Level) = 15 Marks)				
Refere nces:	<div>1. Kulkarni, A. R. (1990). Economic and Social History of the Marathas. Maharashtra Vidya Parishad.</div> <div>2. Mehta, J. L. (2005). Advanced Study in the History of Medieval India: Volume III (Mughal Empire & Marathas). Sterling Publishers.</div> <div>3. Jadhav, V. G. (2016). Economic Policies of Chhatrapati Shivaji Maharaj. Maharashtra Granth Nirmiti Mandal.</div> <div>4. Ranade, M. G. (1991). Rise of the Maratha Power and Other Essays. University of Bombay.</div> <div>5. Sardesai, G. S. (1946). New History of the Marathas – Vol. 1. Phoenix Publications.</div> <div>6. Takakhav, N. S. (1921). The Life of Shivaji Maharaj: Founder of the Maratha Empire. Nabu Press.</div> <div>7. Deshmukh, S. D. (2015). Shivaji and His Economic Administration. Diamond Publications.</div> <div>8. O’Hanlon, R. (1985). Caste, Conflict and Ideology: Mahatma Jotirao Phule and Low Caste Protest in Nineteenth-Century Western India. Cambridge University Press.</div> <div>9. Omvedt, G. (2008). Jyotirao Phule and the Ideology of Social Revolution in India. Critical Quest.</div> <div>10. Desai, A. R. (2016). Social Background of Indian Nationalism. SAGE Publications.</div> <div>11. Keer, D. (1997). Mahatma Jotirao Phule: Father of Indian Social Revolution. Popular Prakashan.</div> <div>12. Pawar, J., & Moon, V. (2008). We Also Made History: Women in the Ambedkarite Movement. Zubaan Books.</div> <div>13. Ghorpade, S. P. (2005). Chhatrapati Shahu and His Economic Reforms. Maharashtra State Gazetteers.</div> <div>14. Gaikwad, J. (2014). Economic Thoughts of Chhatrapati Shahu Maharaj: A Historical Perspective. Shivaji University Publications.</div> <div>15. जाधव नामदेवराव (2013) शिवाजी महाराजांचे अर्थशास्त्र राजमाता प्रकाशन मुंबई</div> <div>16. जाधव नामदेवराव (2011) शिवाजी द मॅनेजमेंट गुरू राजमाता प्रकाशन मुंबई</div>			

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Syllabus
B. A. SEMESTER - III (NEP) Level – 5.0
Minor - DSC - Economics

Course Code – 613261

Course Title - Minor -III (Theory) - Money Income & Employment

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	External Max Marks	Internal Marks	Total Marks
5.0	III	613261	Minor -III (Theory) Money, Income & Employment	4	4	3 Hours	60	40	100

Minor Paper - Theory-III - Money Income & Employment

Course Objectives: The objective of the Macroeconomics syllabus is to provide students with a comprehensive understanding of key economic concepts such as GDP, inflation, unemployment, fiscal and monetary policies, and economic growth. It aims to develop analytical skills to evaluate economic indicators, assess government policies, and understand global economic dynamics.

Course Outcomes:

1. Students will be able to understand and analyse macroeconomic concepts, interpret economic indicators, evaluate the concept of National Income.
2. Students will be able to understand the concept of money, its functions, types, and the factors influencing the value of money.
3. Students will be able to understand the causes, types, and effects of inflation, analyse its impact on the economy, and evaluate policy measures to control it.
4. Students will be able to understand the causes and effects of deflation, analyse its impact on economic growth and employment.
5. Students will be able to understand the concept of output, measure national income and production, analyse factors influencing economic output, and evaluate its impact on economic growth and stability.
6. Students will be able to understand the concepts of investment and saving, analyse their relationship with economic growth, and evaluate factors influencing saving and investment decisions in an economy.

(Minor III) -Money Income and Employment (Credits 4)

Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	Money	10 Hrs	10 Marks
	1 Money: Definition, Features and Functions		
	2 Value of Monay: Meaning		
	3 Fishers Quantity Theory of Money		
Unit II	Inflation	10 Hrs	10 Marks
	1 Inflation: Meaning & Definition & Types		
	2 Causes and Effects of Inflation		
	3 Remedies of Inflations- Disinflation		
Unit III	Deflation	10 Hrs	10 Marks
	1 Deflation: Meaning & Definition		
	2 Causes and Effects of Deflation		
	3 Remedies of Deflation- Reflation		
Unit IV	National Income	10 Hrs	10 Marks
	1 National Income- Introduction and Concept		
	2 Important Factors of National Income		
	3 Methods and Difficulties in Measurement of National Income		
Unit V	Employment	10 Hrs	10 Marks
	1 Employment- Importance in Economy		
	2 Say's Law of Market and Keynes' thoughts on Employment		
	3 Consumption function: Meaning, Concept and Influencing Factors		
Unit VI	Saving & Investment	10 Hrs	10 Marks
	1 Saving: Meaning, Types & Importance		
	2 Investment: Meaning & Types of Investment		
	3 Investment Multiplier: Definition, Leakages and Importance		

References:

1. Ahuja H.L., Macro Economics for Business and Management, S. Chand and co. Ltd., New Delhi
2. Blackhouse, R. and Salansi A., Macro Economics and The Real World, (2nd Volume) Oxford University Press, London
3. D'Souza, Errol, Macro Economics, Pearson Education, Delhi
4. Gupta R.D. and Rana A.S., Post-Keynesian Economics, Kalyani Publishers, Ludhiana
5. Heijdra B. J., and V. P. Frederick, Foundations of Modern Macro Economics, Oxford University Press, New Delhi
6. Jha, R., Contemporary Macro Economic Theory and Policy, Wiley Eastern Ltd., New Delhi

7. Jhingan M.L., Macro Economics
8. Keynes J. M., General Theory of Employment and interest and Money
9. Mithani D. M., Money, Banking, International Trade and Public Finance, Himalaya Publications
10. Rakshit M., Studies in the Macro Economics of Developing countries, Oxford University Press, New Delhi
11. Reddy Y.V., A Review of Monetary and Financial Sector Reforms in India, UBSTD, New Delhi
12. Shukla D. K., Business Cycle Analysis
13. Turnovsky, Methods of Macro-Economic Dynamics
14. आहुजा एच एल उच्चतर समष्टि अर्थशास्त्र, एस. चंद्र एण्ड कम्पनी लिमिटेड नई दिल्ली

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Sant Gadge Baba Amravati University, Amravati
As Per NEP 2020 Syllabus Session- 2025-26
 Faculty: Humanities
 Three Years- Six Semesters Bachelor's Degree Program- NEP
B. A. Semester – IV (NEP) Level - 5.0
Major Discipline

INSTRUCTION TO PAPER SETERS

Total Mark of Theory Papers	Distribution of unit wise Long/Short answers type Questions
60 Marks	Long answers on any Two Unites out of Six Unites (Each question having 10 Marks) 2) Long answers Types questions should internal choice bases (i.e Solve any one question from following question) 3) Short answers on any Four Unites out of the Six (Each question having 05 Marks) 4) Short answers Types question should internal choice based (i.e Solve any Two question from following questions)
Total Mark of Internal Exam	Distribution of Marks
40 Marks 20+20	20 Marks Assignment 20 Marks for MCQ Type Exam This MCQs should ask on all units

Chairperson & Member Bord of Studies in Economics

Sant Gadge Baba Amravati University, Amravati
As Per NEP 2020 Syllabus Session- 2025-26
Faculty: Humanities
Three Years- Six Semesters Bachelor's Degree Program
Syllabus
B. A. SEMESTER – IV (NEP) Level – 5.0
Major- DSC- Economics

Course Code – 613205

Course Title - Major -V (Theory) - Cooperation

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	IV	613205	Major-V (Theory) Cooperation	4	4	3 Hours	60	40	100

Major Paper Theory V - Cooperation

Course Objectives: To develop students' ability to effectively collaborate, communicate, and work towards shared goals in diverse team environments by fostering mutual respect, active listening, and problem-solving skills.

Course Outcomes:

1. Students will be able to understand the fundamental principles of cooperation, demonstrate effective teamwork skills, and apply collaborative strategies to achieve common goals in various contexts.
2. Students will be able to analyse the principles & history of the cooperative movement and apply cooperative models to promote social and economic development.
3. Students will be able to understand the structure, functions, and significance of cooperative societies and evaluate their role in economic and social development.
4. Students will be able to understand the Co-operative accounts & audits.
5. To know the role of Co-operative auditors.

(Major -V) Cooperation (Credits 4)

Unit System	Contents		Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction		10 Hrs	10 Marks
	1	Co-operation – Meaning, Definition and Characteristics		
	2	Basic and General Principles of Co-operation		
	3	Need, Importance & Problems of Co-operation		
Unit II	Co-operative Movement		10 Hrs	10 Marks
	1	Co-operative Movement: Background and Scope		
	2	Aims of Co-operative Movement		
	3	Progress & Problems of Co-operative Movement in India		
Unit III	Co-operative Society		10 Hrs	10 Marks
	1	Co-operative Society: Meaning and Structure		
	2	Marketing Co-operative Societies: Meaning, Problems and Remedies		
	3	Consumer Co-operative Societies: Meaning, Problems and Remedies		
Unit IV	Co-operative Bank		10 Hrs	10 Marks
	1	Co-operative Banks: Meaning, Structure and Importance		
	2	District Central Co-operatives Bank: Meaning, Importance and Function		
	3	State Co-operative Bank: Meaning, Importance and Function		
Unit V	Co-operative Accounts		10 Hrs	10 Marks
	1	Book Keeping: Meaning, Advantages and Disadvantages		
	2	Format of Trading Account & Profit and Loss		
	3	Balance Sheet: Meaning and Definition		
Unit VI	Co-operative Audit and Auditors Role		10 Hrs	10 Marks
	1	Audit: Objectives and Importance		
	2	Problems of Audit and Its Remedies		
	3	Role of cooperative auditor		

References:

1. Joseph Clayton, Co-opration, Franklin Classics Publisher, United States of America.
2. Kulkarni R.K., Theory and Practice cooperation in India and Abroad Volume – I, II, III.
3. Mammoria C.B., and Saxena R. D., Cooperation In India.
4. Martyn Caroline E D, Co-opration, Classic Reprint Series, Forgotten Books Publisher, India.
5. Mathur B. S., Co-oprative in India, Rajeev's Sahitya Bhawan, SBPD Publication, Agra, Uttar Pradesh.
6. Raikhalkar A. R. and Dange Ashok, Cooperation: Principles and Practice,
7. Shah Rupa and Damji B.H., Cooperation, Fadke Prakashan, Kolhapur
8. गव्हाळे राजेंद्र आर, सहकाराची तत्वे, ज्योतीचंद्र प्रकाशन लातूर
9. रायखेलकर ए. आर., व डांगे अशोक, सहकार, तत्वे आणि व्यवहार
10. वानेकर विद्या, सहकार कायदा
11. जाधव टी एस, सहकारी संस्थांचे संरचना व कार्ये

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Syllabus
B.A. SEMESTER – IV (NEP) Level – 5.0
Major Discipline / Subject - Economics

Course Code – 613206

Course Title - Major -VI (Theory) - Banking

Level	Sem ester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	IV	613206	Major VI (Theory-) Banking	5	5	3 Hours	60	40	100

Major Theory VI - Banking

Course Objectives: The objective of the Banking & Money Market syllabus is to provide a comprehensive understanding of banking operations, financial institutions, monetary policies, and the structure and functioning of money markets, equipping students with the knowledge to analyze and evaluate financial instruments, interest rates, and market dynamics.

Course Outcomes:

1. Students will be able to understand the fundamental concepts of banking and the impact of banking on the economy.
2. Students will be able to understand the structure, functions, and objectives of central banks, their role in monetary policy implementation, financial stability, currency issuance, and regulation of the banking system
3. Students will be able to understand the structure, functions, and significance of co-operative banks and NABARD in rural and agricultural finance, their role in financial inclusion, credit delivery, and economic development.
4. Students will be able to understand the roles, functions, and impact of these global financial institutions in economic stability, poverty reduction, financial assistance, and policy guidance for global economic development.
5. Students will be able to understand the structure, functions, and components of financial markets, including capital and money markets, their role in economic growth, investment opportunities, and regulatory frameworks.
6. Students will be able to analyze emerging trends, technological advancements, regulatory changes, and challenges in banking and financial markets, along with their impact on financial services and economic stability.

Banking (Major VI Credits 5 Hrs-75)

Unit System	Contents		Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction to Banking		12 Hrs	10 Marks
	1	Bank: Meaning, Definitions & Types of Banks		
	2	Commercial Bank: Definition and Functions		
	3	Credit Creation: Meaning, Process, Sources and Limitations		
Unit II	Central Bank (RBI- Reserve Bank of India)		12 Hrs	10 Marks
	1	Central Bank: Definition, Functions & Importance.		
	2	Credit Control: Meaning, Quantitative and Qualitative Measures		
	3	Monetary Policy: Objectives and Limitations.		
Unit III	NABARD		13 Hrs	10 Marks
	1	NABARD: Meaning, Definitions and Historical Background.		
	2	Objectives and Functions of NABARD		
	3	ADB- Asian Development Bank		
Unit IV	IMF		13 Hrs	10 Marks
	1	IMF: Historical Background & Structure		
	2	IMF: Objectives, Importance and Functions		
	3	Role of IMF in Indian Development		
Unit V	World Bank (IBRD)		13 Hrs	10 Marks
	1	World Bank: Historical Background & Structure		
	2	World Bank: Objectives, Importance and Functions		
	3	Role of World Bank in Indian Development		
Unit VI	Innovations and Challenges in Banking		12 Hrs	10 Marks
	1	Technological Advances in Banking: Digital banking, Mobile banking, Plastic Money		
	2	Emerging Trends in the Money Market: Financial innovations, green bonds, and alternative investments.		
	3	Challenges for Banks: Cybersecurity Threats		

References:

- 1) R.B.I. (1985), Report of the Committee to Review the, Wording of the Monetary system (Chakravarty Committee), Bombay.
- 2) Gupta I. C. (1999), Indias Financial Markets and Institution, Society for Capital

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- 3) Research and Development, Delhi.
 - 4) MF. Loan and India's Economic Future, Himalaya Publishing House, Bombay.
 - 5) R.B.I. (1995), Report of the Working Group on Foreign Exchange Market in India, (Sodhani Group) Mumbai.
 - 6) Avadhani V.A. (2002), Marketing of Financial Services, Himalaya Publishing House, Mumbai.
 - 7) Basu, S. K., Theory & Practice of Developmental Banking.
 - 8) Chandler L. V., Central Banking & Economics Development.
 - 9) De Cock M. H., Central Banking
 - 10) Desai Vasant, Indian Banking Nature & Problems.
 - 11) Paredh H.T., The Bombay Money Market.
 - 12) देशपांडे एस.ए. अधिकोषण, व नाणेबाजार
 - 13) पाटील कृ.ए. अधिकोषण व मुद्रा बाजार
 - 14) डॉ गुर्जर सुभाष, बँकिंग:संरचना आणि कार्यप्रणाली, प्रशांत पब्लिकेशन, जळगाव
 - 15) डॉ रिठे महादेव, डॉ कुटे संतोष, आधुनिक बँकिंग प्रणाली, प्रशांत पब्लिकेशन, जळगाव
 - 16) डॉ महादेव रिठे, डॉ संतोष कुटे, डिजिटल बँकिंग, प्रशांत पब्लिकेशन जळगाव
 - 17) डॉ राजपूत करमसिंग, बँकिंग, साई ज्योती पब्लिकेशन, नागपूर
 - 18) बोधनकर सुधीर, कानेटकर मेघा, भारतीय बँकिंग प्रणाली, श्री साईनाथ प्रकाशन, नागपूर
 - 19) दातीर आर के, आधुनिक बँक व्यवसाय, निराली प्रकाशन, धुळे
 - 20) कोलते शरद, बँकिंग तत्वे व भारतीय बँका, विधा प्रकाशन नागपूर
 - 21) मुलांती एम यु, भारतातील आधुनिक वित्तीय व्यवस्था, सक्सेस पब्लिकेशन पुणे
 - 22) पाटील कायंदे गंगाधर, पैसा बँकिंग आणि राजस्व, चैतन्य पब्लिकेशन नाशिक
 - 23) कुटे विष्णू पांडुरंग, आधुनिक अधिकोषण प्रणाली, मानस पब्लिकेशन अमरावती
 - 24) राचेलवार संजय, काळमेघ प्रतिभा, डिजिटल बँकिंग, पिंपळापुरे पब्लिकेशन नागपूर
 - 25) नन्नावरे एम के, डिजिटल बँकिंग, अथर्व पब्लिकेशन, धुळे

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Syllabus
B. A. SEMESTER - IV (NEP) Level – 5.0
Major - IKS - DSC Economics

Course Code – 613242

Course Title - Major -IKS - Indian Economic Thinkers – II

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Theory Marks	Internal Marks	Total Marks
5.0	IV	613242	Major -IKS Indian Economic Thinkers - II	1	1	-	15 (College Level)	10	25

Indian Economic Thinkers – II (613242)

Course Objectives:	The course " Indian Economic Thinkers " aims to explore the contributions, theories, and impact of prominent Indian economists and philosophers on economic thought, policy, and development.
Course Outcomes:	<ul style="list-style-type: none"> To critically analyze Dr. Ambedkar's economic ideas, focusing on his advocacy for social and economic justice, the upliftment of marginalized communities, and his contributions to the shaping of India's economic policies. To explore the economic principles and policies of Mahatma Gandhi and Dr. Panjabrao Deshmukh, focusing on their emphasis on rural development, self-sufficiency, and equitable growth for a just society.

Major IKS - Indian Economic Thinkers-II

Unit System	Contents		Workload Allotted	Weightage of Marks Allotted	
Unit I	The Economics of Dr. Babasaheb Ambedkar		7 Hrs	Marks	
	1	Introduction to Ambedkar's Economic Thought			
	2	Agricultural Thoughts of Dr Babasaheb Ambedkar.			
	3	Dr Ambedkar's view of devaluation of the Rupee.			
Unit II	Economic thoughts of Mahatma Gandhi & Dr Panjabrao Deshmukh		8 Hrs		
	1	Mahatma Gandhi: Rural Development (Gram Swaraj)			
	2	Mahatma Gandhi's thoughts on Swadeshi Movement.			
	3	Dr Panjabrao Deshmukh's: Agricultural Thoughts			
Total = 25 Marks (Assignment 10 Marks , Theory (College Level) = 15 Marks)					
References	<ol style="list-style-type: none">1. Ambedkar, B. R. (1947). The Problem of the Rupee: Its Origin and Its Solution. Thacker & Co.2. Ambedkar, B. R. (2014). Dr. Babasaheb Ambedkar: Writings and Speeches (Volumes 1-17). Government of Maharashtra.3. Jadhav, N. (1991). Neglected Economic Thought of Dr. B. R. Ambedkar. Konark Publishers.4. Moon, V. (Ed.). (2002). Dr. Babasaheb Ambedkar: Writings and Speeches on Economics and Social Justice. Government of Maharashtra.5. Kamble, N. D. (1982). Economic Philosophy of Dr. B. R. Ambedkar. B. R. Publishing Corporation.6. Omvedt, G. (2004). Ambedkar: Towards an Enlightened India. Penguin Books.7. Rathod, B. S. (2010). Economic Ideas of Dr. B. R. Ambedkar and Their Relevance in the Present Era. Shivaji University Publications.8. Gandhi, M. K. (1959). Sarvodaya (The Welfare of All). Navajivan Publishing House.9. Gandhi, M. K. (1997). Hind Swaraj or Indian Home Rule. Navajivan Publishing House.10. Dantwala, M. L. (1978). Gandhism Reconsidered. Macmillan India.11. Deshmukh, P. K. (1956). Economic Policies for Rural Development. Maharashtra Government Press.12. Mungekar, B. (2012). Panjabrao Deshmukh: Agricultural Reforms and Economic Vision. Maharashtra State Gazetteers.13. Patil, S. S. (2015). Dr. Panjabrao Deshmukh and His Contributions to Indian Agriculture. Shivaji University Publications.14. Gaikwad, J. (2018). Economic Thoughts of Dr. Panjabrao Deshmukh: A Historical Analysis. Vidarbha Sahitya Sangh.15. Shinde, P. (2020). Agricultural and Cooperative Development in India: Vision of Dr. Panjabrao Deshmukh. Academic Research Publishers.16. ढाले आर डब्ल्यू , डॉ पंजाबराव देशमुख यांचे कृषिविषयक आणि आर्थिक विचार, नभ प्रकाशन अमरावती17. श्रीरामे राजू, आर्थिक विचारांचा इतिहास, सर साहित्य केंद्र नागपूर				

Syllabus
B. A. SEMESTER - IV (NEP) Level – 5.0
Minor -DSC - Economics

Course Code – 613262

Course Title - Minor -IV (Theory) - Economy of Vidarbha

Level	Sem ester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	IV	613262	Minor - IV (Theory)- Economy of Vidarbha	4	4	3 Hours	60	40	100

Minor Paper - Theory-IV - Economy of Vidarbha

Course Objectives: The objective of the Economy of Vidarbha syllabus is to analyses the region's economic structure, key industries, agricultural development, challenges, and growth prospects within the broader framework of Maharashtra and India's economy.

Course Outcomes:

1. To enable students to understand the region's economic characteristics, key sectors, developmental challenges, and potential growth opportunities within Maharashtra and India.
2. To provide students with an understanding of the region's agricultural practices, crop patterns, challenges, government policies, and their impact on rural development and farmers' livelihoods.
3. To equip students with knowledge of the region's industrial landscape, key sectors, policies, challenges, and opportunities for sustainable economic.
4. To enable students to understand the role, growth, and impact of the service industry and infrastructure development in economic progress and regional development.
5. To equip students with an understanding of the region's environmental, social, and economic sustainability challenges and strategies for balanced and inclusive growth.
6. To help students analyse the region's key social and economic issues, including poverty, unemployment, farmer distress, and regional disparities, while exploring potential policy solutions.

Economy of Vidarbha (Minor- IV) (Credits 4)

Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction	10 Hrs	10 Marks
	1 Historical Background of Vidarbha		
	2 Geographical features of Vidarbha		
	3 Economic Features & Importance of Vidarbha		
Unit II	Demography of Vidarbha	10 Hrs	10 Marks
	1 Demographic trends and patterns		
	2 Literacy rates and educational attainment		
	3 Migration patterns and their economic impact		
Unit III	Agricultural Economy of Vidarbha	10 Hrs	10 Marks
	1 Cropping pattern		
	2 Role of irrigation in the Economy of Vidarbha		
	3 Agrarian Distress and Farmer Suicides		
Unit IV	Industrial Development in Vidarbha	10 Hrs	10 Marks
	1 Resources and Industries		
	2 Energy production and distribution		
	3 MIHAN		
Unit V	Service Sector and Infrastructure	10 Hrs	10 Marks
	1 Service Sector: Education, healthcare, and IT		
	2 Tourism and cultural heritage		
	3 Infrastructure: Rail, Road, and Air connectivity		
Unit VI	Socio-Economic issues in Vidarbha	10 Hrs	10 Marks
	1 Irrigation Backlog		
	2 Regional disparities.		
	3 Poverty		

References:

1. Dandekar V. M., Agricultural Economy of Maharashtra
2. B. R. Kurulkar, Economic Development of Maharashtra with Special Reference to Vidarbha
3. Kamble Gautam, Khandewale Shreenivas & Khwaja G S Politics of Regional Development, Rawat Publication, Jaipur
4. Mishra S., Farmer Suicides in India: Causes and Policy Suggestions
5. गावंडे विनोद, कुटे संतोष, विदर्भाची अर्थव्यवस्था, लक्ष्मी प्रकाशन सोलापूर
6. वैद्य एन बी, विदर्भाची अर्थव्यवस्था, मंगेश प्रकाशन नागपूर
7. सदार संतोष, विदर्भाचा औद्योगिक विकास, बोके प्रकाशन अमरावती
8. कोलारकर श गो, आधुनिक विदर्भाचा इतिहास (१८८५-१९४७), श्री मंगेश प्रकाशन नागपूर
9. Economic Survey of Maharashtra, Directorate of Economics and Statistics, Government of Maharashtra

10. Vidarbha Development Reports, Planning Commission & State Government Publications
11. Maharashtra Industrial Development Corporation (MIDC) reports on industrial growth in Vidarbha
12. डॉ नन्नावरे एम के, गव्हाळे आर आर, महाराष्ट्राची अर्थव्यवस्था, श्री साईनाथ प्रकाशन, नागपूर
13. भांडवलकर आर बी, लहान राज्याची संकल्पना आणि आव्हाने (विशेष संदर्भ : विदर्भ राज्य)
14. डॉ महादेव रिठे, डॉ संतोष कुटे, महाराष्ट्राची अर्थव्यवस्था, प्रशांत पब्लिकेशन जळगाव

Syllabus
B. A. SEMESTER - IV (NEP) Level – 5.0

Minor - DSC - Economics
Course Code – 613263

Course Title - Minor Elective-V (A) (Theory) - Rural Economics

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	IV	613263	Minor Elective V(A) (Theory) Rural Economics	4	4	3 Hours	60	40	100

Minor Elective -V(A) (Theory) - Rural Economics

- Course Objectives:** To provide students with an understanding of rural economic structures, agricultural development, rural industries, employment patterns, and policies for sustainable rural growth.
- Course Outcomes:**
1. Students understand the fundamental concepts, characteristics, and dynamics of rural economies, including agriculture, rural industries, and development policies.
 2. To equip students with an understanding of the fundamental principles of rural and agricultural economies, their interdependence, key challenges, and policy measures for sustainable development.
 3. To help students understand the structure, dynamics, and challenges of rural labour markets, employment patterns, wage determination, and government policies for rural workforce development.
 4. To enable students to understand rural infrastructure and institutions' role, development, and impact in enhancing economic growth, improving livelihoods, and promoting sustainable rural development.
 5. To help students understand the functioning of rural markets, their role in economic development, and the linkages between agriculture, industry, and services in rural areas.
 6. To equip students with knowledge of rural development policies, planning strategies, and government initiatives to foster sustainable economic growth and improve living standards in rural areas.

Rural Economics (Minor V-A) (Credits 4)

Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction	10 Hrs	10 Marks
	1 Rural Economy: Definition, Nature and Scope		
	2 Characteristics of Rural Economy and difference between Rural and Urban Economy		
	3 The role of agriculture and allied sectors in the rural economy		
Unit II	Rural Resources and Infrastructure	10 Hrs	10 Marks
	1 Importance of Land, Water supply, and Forest in Rural Economy		
	2 Role of Road Transport and Power in Rural Economy		
	3 Role of MANREGA in rural infrastructure (Importance, difficulties and remedies)		
Unit III	Rural Population and Employment	10 Hrs	10 Marks
	1 Rural demography: Broad Features		
	2 Rural Migration: Causes, Effects and Remedies		
	3 Rural Unemployment: Types, Causes and Remedies		
Unit IV	Rural Market	10 Hrs	10 Marks
	1 Rural Market: Meaning, Types and Importance		
	2 APMC: Objectives, Functions, Difficulties and Remedies		
	3 Sale Purchase Society: Objectives, Functions and Difficulties and Remedies		
Unit V	Rural Industries and Entrepreneurship	10 Hrs	10 Marks
	1 Types of Agro-based Industries		
	2 Small Scale Industry: Importance, Difficulties and Remedies		
	3 Rural Entrepreneurship: Opportunities and challenges		
Unit VI	Rural Credit and Financial Inclusion	10 Hrs	10 Marks
	1 Rural Credit: Types, Problems and Remedies		
	2 Role of Societies, Banks, and Micro Finance Institutions in rural economy		
	3 Self Help Groups: Concept, Objectives and Government schemes for development of SHG		

References:

1. Datt, Gaurav & Mahajan, Ashwani, Indian Economy (S. Chand & Co.)
2. Singh Katar, Rural Development: Principles, Policies, and Management (SAGE Publications)
3. Tyagi B.P., Agricultural Economics and Rural Development (Jaiprakash Nath & Co.)

4. Mellor John W., The Economics of Agricultural Development (Cornell University Press)
5. Desai Vasant, Rural Development in India: Past, Present, and Future (Himalaya Publishing House)
6. Misra S.K. & Puri V. K., Indian Economy: Its Development Experience (Himalaya Publishing House)
7. Lekhi R.K., & Singh Joginder, Agricultural Economics (Kalyani Publishers)
8. जोगी कुमिदिनी, ग्रामीण विकासाची वाटचाल, सेंटर फोर इकॉनॉमिक्स अंड सोशल स्टडीज अमरावती
9. रात्रलवार संजय, भांडवलकर आर बी, ग्रामीण विकास, वर्ल्ड पब्लिकेशन कानपूर
10. पांगुळ-बारहाते नंदा, भारतीय ग्रामीण समुदाय विकास, आर बी प्रकाशन नागपूर
11. कानेटकर मेघा, रुईकर वैशाली, सहकार आणि ग्रामीण विकास श्री साईनाथ प्रकाशन, नागपूर

Syllabus
B. A. SEMESTER - IV (NEP) Level – 5.0
Minor - DSC - Economics
Course Code – 613264

Course Title - Minor Elective-V (B) (Theory) - Demography

Level	Semester	Course Code	Course Name	Credits	Teaching Hours	Exam Duration	Max Marks	Internal Marks	Total Marks
5.0	IV	613264	Minor Elective -V(B) (Theory) Demography	4	4	3 Hours	60	40	100

Minor Elective - -V(B) Theory - Demography

Course Outcomes:

1. Demonstrate a comprehensive understanding of key concepts, theories, and methods in demography, including population dynamics, demographic transition, fertility, mortality, migration, and population structure.
2. Understand the determinants of fertility & Mortality
3. Explore patterns and drivers of migration, including internal migration, international migration, refugee movements, and urbanization trends, and analyse the social, economic, and environmental implications of migration for sending and receiving communities.
4. Evaluate population policies, programs, and interventions aimed at addressing demographic challenges, such as population growth, aging, youth bulges, and demographic imbalances, and assess their effectiveness and ethical implications.

Demography (Minor V -B) (Credits 4)

Unit System	Contents	Workload Allotted	Weightage of Marks Allotted
Unit I	Introduction to Demography	10 Hrs	10 Marks
	1 Demography: Meaning, Definition, Nature and Scope.		
	2 Importance of the study of Demography		
	3 Population Census		
Unit II	Theories of Populations	10 Hrs	10 Marks
	1 The Malthusian Theory of Population		
	2 Optimum Theory of Population		
	3 Theory of Demographic Transition		
Unit III	Fertility & Mortality	10 Hrs	10 Marks
	1 Importance of the study of fertility		
	2 Fertility: Factors affecting and causes		
	3 Mortality: death rate, birth and infant mortality rate, factors for decline in mortality in recent years.		
Unit IV	Migration of Population	10 Hrs	10 Marks
	1 Migration: Concept and Types		
	2 Effects of Migration on Population		
	3 Affecting Factors of Migration.		
Unit V	Population and Development	10 Hrs	10 Marks
	1 Population and Economic Development		
	2 Human Resource Development		
	3 Evaluation of Population Policy in India		
Unit VI	Population Quality	10 Hrs	10 Marks
	1 Concept of Population Quality		
	2 Effective Factors of Population Quality		
	3 Importance of Population Quality		

References:

1. Agrawal S.N., (1972) - 'Indian Population Problems', Tata McGraw Hill Com., Bombay.
2. Boque D.J., (1971) - Principles of Demography, John Willey New York.
3. Srinivasan K. and A. Shariff, India, Towards Population and Demographic Goals, Oxford (1998) - University Press, New Delhi.
4. Srinivasan K. (1998), Basic Demographic Techniques and Applications, Sage, Publication, New Delhi.
5. श्रीवास्तव एस एम (१९९९), जनांकीय अध्ययन के प्रारूप, हिमालया पब्लिशिंग हाउस मुंबई
6. तिवारी विजयकुमार (१९९७), भारत का जनसंख्या भूगोल भाग २ हिमालया पब्लिशिंग हाउस मुंबई

7. बघेल डी. एस. (२००५), जनांकिकी, विवेक प्रकाशन, दिल्ली
8. रिठे महादेव, कुटे संतोष (२०१९), लोकसंख्याशास्त्र, प्रशांत प्रब्लिकेशन, जळगाव
9. राजपुत करमसिंग (२०२०), लोकसंख्याशास्त्र, साईज्योती पब्लिकेशन, नागपूर
10. नन्नावरे एम के (२०२३), लोकसंख्या शास्त्र सिध्दांत व विकास, अथर्व पब्लिकेशन, धुळे
11. नन्नावरे एम के (२०२३), लोकसंख्या शास्त्र सिध्दांत व विकास, अथर्व पब्लिकेशन, धुळे
12. कुलकर्णी शिल्पा (२००८), लोकसंख्या शिक्षण, डायमंड पब्लिकेशन, पुणे
13. सवदी ए.बी. आणि कोळेकर पी. एस. (१९९५), मानवी लोकसंख्या भूगोल, नीराली प्रकाशन, पुणे--

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