

ECONOMICS



Hem
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Hemchandracharya
North Gujarat University
PATAN

Course-CC-101 (Core Compulsory)

Micro Economics-1

Objective:

The objective of this paper is to introduce the basic concepts of economics to the students so as to able them for further learning in economics

Unit - 1 Introduction :

Definition of Economics, Nature & Scope of Economics, Methodology in economics ,choice as an economics problems, Basic postulates.

Unit - 2 Demand and Supply :

Meaning and laws of Demand, Extension of demand and contraction of demand, Increase and decrease of demand; Meaning and laws of Supply, Extension of supply and contraction of supply, Increase and decrease of supply.

Unit-3: Introduction of Utility analysis:

Definition of Utility, Cardinal utility analysis-assumption, Concept of marginal utility, Concept of total utility, Difference between marginal and total utility; Ordinal Utility analysis-Concepts of scale of preference, concept of Indifference schedule and indifference curve, Marginal rate of substitution.

Unit - 4 Elasticity of Demand :

Meaning of Elasticity of Demand, Meanings and Types of Price Elasticity of demand , Importance of Price Elasticity of demand, Factor determining of price elasticity.

Basic Reading:

1. Ahuja H.L : Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S.: Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Micha (1990) :I Micro Economics,Addison Willey Publishing Co., New York.
6. અમીન આર.કે. મુલ્યાનાં સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ.




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Course-CC-102

(Core Compulsory)

Money & Banking

Objective:

The main objective of this paper is to introduce the students to basic understanding of macro economics and public finance.

Unit – 1: Basic Concepts :

Money - meanings, functions and classification. Gresham's law, Role of money in capitalist, socialist and mixed economies; Monetary standards - Metallic and paper system of note issue.

Unit-2: Inflation-1 :

Concept of Inflation, deflation and reflation , types and causes of inflation; effects of inflation of the different sectors of the economy.

Unit-3: Inflation-2

Demand-pull and cost-push inflation, Measures to control inflation, Trade off between inflation and unemployment(Philipps Curve).

Unit-4: Commercial Banking :

Meaning and types of bank, Functions of commercial banks, The process of credit creation - Purpose and limitations, Liabilities and assets of banks.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K.,:Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.




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Course-CE (I) -103 (Subject Elective)

Micro Economics-1

Objective:

The objective of this paper is to introduce the basic concepts of economics to the students so as to able them for further learning in economics

Unit - 1 Introduction :

Definition of Economics, Nature & Scope of Economics, Methodology in economics ,choice as an economics problems, Basic postulates.

Unit - 2 Demand and Supply :

Meaning and laws of Demand, Extension of demand and contraction of demand, Increase and decrease of demand; Meaning and laws of Supply, Extension of supply and contraction of supply, Increase and decrease of supply.

Unit-3: Introduction of Utility analysis:

Definition of Utility, Cardinal utility analysis-assumption, Concept of marginal utility, Concept of total utility, Difference between marginal and total utility; Ordinal Utility analysis-Concepts of scale of preference, concept of Indifference schedule and indifference curve, Marginal rate of substitution.

Unit - 4 Elasticity of Demand :

Meaning of Elasticity of Demand, Meanings and Types of Price Elasticity of demand , Importance of Price Elasticity of demand, Factor determining of price elasticity.

Basic Reading:

1. Ahuja H.L : Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S.: Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Micha (1990) :I Micro Economics,Addison Willey Publishing Co., New York.
6. અમીન આર.કે. મુલ્યાનાં સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ.




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Course-CE (I) -103 (a) (Subject Elective)

Co-operative in India : 1

- Unit : 1** : Meaning and definitions of co-operation and its origin and development, co-operative development in India during five years plans.
- Unit : 2** : Position of co-operation in developing countries, Panchayat Rajya and co-operative movement, Achievements and limitations, gained through Indian co-operative movement.
- Unit : 3** : Recommendation of All India Rural credit Inspection and Review Committee. Function of Agricultural credit co-operative societies.
- Unit : 4** : Objects and function of co-operative societies : Spinning Mills, sugar factories, co-operatives of milk producers, Union Co-operative Ginning, oil and rice Mills.



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Course-CE (I)-104 (Subject Elective)

Money & Banking

Objective:

The main objective of this paper is to introduce the students to basic understanding of macro economics and public finance.

Unit – 1: Basic Concepts :

Money - meanings, functions and classification. Gresham's law, Role of money in capitalist, socialist and mixed economies; Monetary standards - Metallic and paper system of note issue.

Unit-2: Inflation-1 :

Concept of Inflation, deflation and reflation , types and causes of inflation; effects of inflation of the different sectors of the economy.

Unit-3: Inflation-2

Demand-pull and cost-push inflation, Measures to control inflation, Trade off between inflation and unemployment (Philipps curve).

Unit-4: Commercial Banking :

Meaning and types of bank, Functions of commercial banks, The process of credit creation - Purpose and limitations, Liabilities and assets of banks.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K.,:Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.




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Course-CE (I)-104 (a) (Subject Elective)

Co-operative in Foreign Countries:1

- Unit : 1** : Meaning and principles of co-operation, origin and development of co-operatives in the world countries.
- Unit : 2** : Attitude of collective farming, advantages and disadvantage of collective farming, Experiences of collective farming in Russia.
- Unit : 3** : Consumer co-operatives in Britain and Sweden and their objects and function.
- Unit : 4** : Dairy co-operatives of Denmark and Newzeland, Objects, function and progress.



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Course-SE (II) 105 (Subject Elective)

Elementary Economics

Objective:

The objective of this paper is to introduce the student to basic understanding of elementary economics.

Unit-1: Definition and basic Concept of economics Variables:

Definition of Economics, Demand, Supply, Difference between value and price, Utility, Private & public goods.

Unit-2: Factor of Production:

Factors of production, Meaning and characteristics of Labour, Meaning and characteristics of Land, Meaning and characteristics of Capital, Meaning and characteristics of Entrepreneur, Division of labour and specialization-merit and demerit.

Unit-3: Concept of Money :

Various definition of money, difference between value & price, functions of money, Gresham's law, Value of money.

Unit-4: Inflation :

Meaning and types of Inflation, Causes & effects of inflation.

Basic Reading:

1. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.
3. Dutt Ruddar & K.P.M. : Sundaram, Indian Economy, S.Chand & Co. Ltd. New-Delhi
4. Mithani D.M.: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
5. Shrivastava P.K.: Banking Theory and Practice, Himalaya Publication House, New Delhi.



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Course-SE (II) 105 (a) (Subject Elective)
Co-operation - 1

Unit No.	Content
1	Genesis of co- operation definitions and salient features of Co- Operation Principles of Co-Operation as reformulated by ICA
2	Co-Operation as economic s system Co-Operation and Capitalism Co-operation and Socialism Co-operation and trade unions Co-operation and Partnership
3	Structure of Co Operative Organization Primary , Central and Apex Institutions Their functions and their interrelationship Importance of Co-Operative Education and Training
4	Credit societies and Non credit Societies Primary Agricultural Co-Operative Credit Societies Co-Operative Marketing Societies Co-operative Consumers societies Co-operative housing Societies Women's Co-operative Societies

References:

1	સહકાર	પ્રિ. શીખ , ગઢવી , દોશી
2	સહકાર સિદ્ધાંત અને વ્યવહાર	પ્રિ. શીખ , ગઢવી (યુનિ. ગ્રંથ નિમોહણ બોર્ડ)
3	સહકારના સિદ્ધાંત અને વ્યવહાર	પ્રિ. શાસ્ત્રી , દવે, પ્રા. પંચોલી અને પરમાર
4	સહકારી વ્યવસ્થા અને વહીવટ	હકુમતરાય દેસાઈ (ગુ. રા. સહકારી સંઘ)
5	સહકાર દર્શન	જગદીશ મુલાણી
6	Theory and Practice of Co-operation in India and Abroad	K. R. Kulkarni
7	Theory , History and practice of Co-operation	R. D. Bedi
8	Co-operation in India	Dr. B. S. Mathur
9	Co-operative movement in India & Abroad	Dr. N. P. Mathur
10	Co-operation in India	Dr. C. B. Mamoria
11	New Dimension of Co-operative Management	G. S. Kamat




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अर्थशास्त्र



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North Gujarat University
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**Hemchandracharya North Gujarat
University, Patan**

New Syllabus Effect from : June, 2020

Subject : Economics

Faculty : Arts

Semester : 1 to 6

Structure of CBCS from 1 to 6




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Structure of CBCS in Economics: Semester - I

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-101 Core Compulsory	Economics Micro Economics - I	4	04 (03+01)	30	70	100	2:30
CC-102 Core Compulsory	Economics Money & Banking	4	04 (03+01)	30	70	100	2:30
CE-I (101) Core Elective	Economics Micro Economics -I	4	04 (03+01)	30	70	100	2:30
CE-I (102) Core Elective	Economics Money & Banking	4	04 (03+01)	30	70	100	2:30
CE-I (101) Core Elective	Co-Operative in India	4	04 (03+01)	30	70	100	2:30
CE-I (102) Core Elective	Co-Operative in Foreign Countries	4	04 (03+01)	30	70	100	2:30
EO- (105) Elective Open	Elementory Economics	2	02 (01+01)	15	35	50	2:00
EO- (105) Elective Open	Co-Operation	2	02 (01+01)	15	35	50	2:00




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B.A. Semester-I [Economics]
Course-CC-101 (Core Compulsory)
Micro Economics-1

Objective:

- This paper is to introduce the basic concepts of Economics to the students
- This paper enable them for further learning in Economics
- This paper makes them more aware about the concept of Economics

Unit-1

Introduction:

Definition of Economics, Nature & Scope of Economics, Methodology in economics an economics problems, Basic postulates.

Unit – 2

Demand and Supply:

Meaning and laws of Demand. Extension of demand and contraction of demand, increase and decrease of demand; Meaning and laws of Supply. Extension of supply and contraction of supply, Increase and decrease of supply.

Unit-3:

Introduction of Utility analysis:

Definition of Utility, Cardinal utility analysis assumption, Concept of marginal utility, Concept of total utility, Difference between marginal and total utility; Ordinal Utility analysis-Concepts of scale of preference, concept of Indifference schedule and indifference curve, Marginal rate of substitution.

Unit - 4

Elasticity of Demand:

Meaning of Elasticity of Demand, Meaning and Types of Price Elasticity of demand, Importance of Price Elasticity of demand, Factors determining of price elasticity.

Basic Reading:

1. Ahuja H.L: Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S.: Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of Economics, Vrinda Publication, Delhi,
5. Parkin, Micha: Micro Economics, Addison Willey Publishing Co., New York.
6. અમીન આર.કે. મૂલ્યનાં સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ




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B.A. Semester-I [Economics]
Course-CC-102 (Core Compulsory)

Money & Banking

Objective:

- This paper is to introduce the students to basic understanding of macro Economics and public finance.
- This paper also enhance the understanding of conceptual terminology of macro Economics

Unit - 1: Basic Concepts:
Money - meaning, functions and classification. Gresham's law, Role of money in capitalist, socialist and mixed economies; Monetary standards - Metallic and paper system of note issue.

Unit-2: Inflation-1:
Concept of Inflation, deflation and reflation, types and causes of inflation; effects of inflation on the different sectors of the economy.

Unit-3: Inflation-2
Demand-pull and cost-push inflation, Measures to control inflation, Trade off between inflation and unemployment (Philipps Curve).

Unit-4: Commercial Banking:
Meaning and types of bank, Functions of commercial banks, The process of credit creation - Purpose and limitations, Liabilities and assets of banks.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K.,:Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.




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B.A. Semester – I (co- operation)
Course CE – 101 (Core Elective)

Co-operative in India: 1

Objectives

- This paper will help students to understand the basic skill of co-operative movement in India
- This paper will enhanced their understanding of co-operative movement in India

- Unit:1 Meaning and definitions of co-operation and its origin and development, co-operative development in India during five years plans.
- Unit: 2 Position of co-operation in developing countries, Panchayat Rajya and co-operative movement, Achievements and limitations of co operative activity in India.
- Unit: 3 Recommendation of All India Rural credit Inspection and Review Committee. Function of Agricultural credit co-operative societies.
- Unit: 4 Objects and function of co-operative societies: Spinning Mills, sugar factories, co-operatives of milk producers, Union Co-operative Ginning, oil and rice Mills.

References:

1. સહકાર પ્રિ. શીખ, ગઢવી, દોશી
2. સહકારસિક્ષાંતઅનેવ્યવહાર પ્રિ. શીખ, ગઢવી(યુનિ.ગ્રંથ નિર્માણ બોર્ડ)
3. સહકારનાસિક્ષાંતઅનેવ્યવહાર પ્રિ. શાસ્ત્રી, દવે, પ્રા. પંચોલી અને પરમાર
4. સહકારીવ્યવસ્થાઅનેવહીવટ હકુમતરાય દેસાઈ(ગુ.ર.સહકારી સંઘ)
5. સહકારદર્શન જગદીશ મૂલાણી
6. Theory and Practice of Co-operation in India and Abroad K. R. Kulkarni
7. Theory, History and practice of Co-operation R. D. Bedi
8. Co-operation in India Dr. B. S. Mathur
9. Co-operative movement in India & Abroad Dr. N. P. Mathur
10. Co-operation in India Dr. C. B. Mamoria
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B.A. Semester-I [Economics]
Course-EO - 105 (Elective open)
Elementary Economics

Objective:

- This paper will enhance the students' basic understanding of elementary Economics.
- This paper will also prove beneficial to conceptual understanding of various economic terms.

Unit-1: **Definition and basic Concept of economics Variables:**
Definition of Economics, Demand, Supply, Difference between value and price, Utility, Private & public goods.

Unit-2: **Factor of Production:**
Factors of production, Meaning and characteristics of Labour, Meaning and characteristics of Land, Meaning and characteristics of Capital, Meaning and characteristics of Entrepreneur, Division of labour and specialization-merit and demerit.

Unit-3: **Concept of Money:**
Various definition of money, difference between value and price, functions of money, Gresham's law, Value of money.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.
3. DuttRuddar& K.P.M.: Sundaram, Indian Economy, S.Chand & Co. Ltd. New Delhi
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5. Shrivastava P.K.: Banking Theory and Practice, Himalaya Publication House, New Delhi.




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B.A. Semester-I [Co-operation]
Course: CE-102 [Core Elective]

Co-operative in Foreign countries: 1

Objectives

- This paper will help students to understand the basic skill of co-operative movement in Foreign Countries
- This paper will enhanced their understanding of co-operative movement in Foreign Countries

- Unit: 1 Meaning and principles of co-operation, origin and development of co-operatives in the world countries.
- Unit: 2 Attitude of collective farming, advantages and disadvantage of collective farming, Experiences collective farming in Russia.
- Unit: 3 Consumer co-operatives in Britain and Sweden : their Objectives and function.
- Unit: 4 Dairy co-operatives of Denmark and Newzeland : objectives, function and progress.

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| 1. સહકાર | પ્રિ. શીખ, ગઢવી, દોશી |
| 2. સહકારસિક્ષાંતઅનેવ્યવહાર | પ્રિ. શીખ, ગઢવી(યુનિ.ગ્રંથ નિર્માણ બોર્ડ) |
| 3. સહકારનાસિક્ષાંતઅનેવ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પ્રા. પંચોલી અને પરમાર |
| 4. સહકારીવ્યવસ્થાઅનેવહીવટ | હકુમતરાય દેસાઈ(ગુ.ર.સહકારી સંઘ) |
| 5. સહકારદર્શન | જગદીશ મૂલાણી |
| 6. Theory and Practice of Co-operation in India and Abroad | K. R. Kulkarni |
| 7. Theory, History and practice of Co-operation | R. D. Bedi |
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B.A. Semester-1 [Co-operation]
Course – EO 105 (Elective Open)
Co-operation – 1

Objectives

- This paper enhance the skill of basic conceptual understanding of co-operation
- This paper will also make students aware of about co-operation in various system of economy

Unit No.	Content
1.	Genesis of co-operation definitions and salient features of Co-Operation Principles of Co-Operation as reformulated by ICA
2.	Structure of Co Operative Organization Primary, Central and Apex Institutions Their functions and their interrelationship Importance of Co-Operative Education and Training
3.	Credit societies and Non credit Societies: Functions Primary Agricultural Co-Operative Credit Societies Co-Operative Marketing Societies Co-operative Consumers societies Co-operative housing Societies Women's Co-operative Societies

References:

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| 12. સહકાર | પ્રિ. શીખ, ગઢવી, દોશી |
| 13. સહકારસિક્ષાંતઅનેવ્યવહાર | પ્રિ. શીખ, ગઢવી(યુનિ.ગ્રંથ નિર્માણ બોર્ડ) |
| 14. સહકારનાસિક્ષાંતઅનેવ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પ્રા. પંચોલી અને પરમાર |
| 15. સહકારીવ્યવસ્થાઅનેવહીવટ | હકુમતરાય દેસાઈ(ગુ.ર.સહકારી સંઘ) |
| 16. સહકારદર્શન | જગદીશ મૂલાણી |
| 17. Theory and Practice of Co-operation in India and Abroad | K. R. Kulkarni |
| 18. Theory, History and practice of Co-operation | R. D. Bedi |
| 19. Co-operation in India | Dr. B. S. Mathur |
| 20. Co-operative movement in India & Abroad | Dr. N. P. Mathur |
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| 22. New Dimension of Co-operative Management | G. S. Kamat |




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B.A. Semester-I [Economics]
Course-CE-101 (Core Elective)
Micro Economics-1

Objective:

- This paper is to introduce the basic concepts of Economics to the students
- This paper enable them for further learning in Economics
- This paper makes them more aware about the concept of Economics

Unit-1

Introduction:

Definition of Economics, Nature & Scope of Economics, Methodology in economics an economics problems, Basic postulator.

Unit – 2

Demand and Supply:

Meaning and laws of Demand. Extension of demand and contraction of demand, increase and decrease of demand; Meaning and laws of Supply. Extension of supply and contraction of supply, Increase and decrease of supply.

Unit-3:

Introduction of Utility analysis:

Definition of Utility, Cardinal utility analysis assumption, Concept of marginal utility, Concept of total utility, Difference between marginal and total utility; Ordinal Utility analysis-Concepts of scale of preference, concept of Indifference schedule and indifference curve, Marginal rate of substitution.

Unit - 4

Elasticity of Demand:

Meaning of Elasticity of Demand, Meanings and Types of Price Elasticity of demand, Importance of Price Elasticity of demand, Factor determining of price elasticity.

Basic Reading:

1. Ahuja H.L: Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S.: Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L.: Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Micha: Micro Economics, Addiison Willey Publishing Co., New York.
6. અમીન આર.કે. મૂલ્યનાં સિધ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ




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B.A. Semester-I [Economics]
Course-CE-102 (Core Elective)

Money & Banking

Objective:

- This paper is to introduce the students to basic understanding of macro Economics and public finance.
- This paper also enhance the understanding of conceptual terminology of macro Economics

- Unit - 1: Basic Concepts:
Money - meanings, functions and classification. Gresham's law, Role of money in capitalist, socialist and mixed economies; Monetary standards - Metallic and paper system of note issue.
- Unit-2: Inflation-1:
Concept of Inflation, deflation and reflation, types and causes of inflation; effects of inflation of the different sectors of the economy.
- Unit-3: Inflation-2
Demand-pull and cost-push inflation, Measures to control inflation, Trade off between inflation and unemployment (Philiph Curve).
- Unit-4: Commercial Banking:
Meaning and types of bank, Functions of commercial banks, The process of - credit creation - Purpose and limitations, Liabilities and assets of banks.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K.,:Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.




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ECONOMICS



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Course-CC-111 (Core Compulsory)

Micro Economics-2

Objective:

The objective of this paper is to introduce the basic concepts of economics to the students so as to able them for further learning in economics.

Unit-1: Elasticity of Demand-2:

Meaning and types of income elasticity, Importance of income elasticity, Factors determining of income elasticity of demand, Meaning and importance of cross elasticity.

Unit-2: Theory of Production & Cost :

Meaning of Production Function, Short run production Function. Law of Diminishing Return; Different Concept of Costs (Real Cost, opportunity cost, and monetary cost) and their interrelation.

Unit-3: Market Structure :

Meaning and forms of Markets, its functions & limitation; meaning & Characteristics of perfect competition, monopoly and monopolistic competition.

Unit-4: Factor Pricing :

Basic Concepts of Rent, Interest- Gross Interest and net interest , Wages- Normal wages and real wages; Profit - Gross Profit & Net Profit. Basic concept of economic welfare.

Basic Reading:

1. Ahuja H.L: Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S. : Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Michal (1990) : Micro Economics,Addiison Willey Publishing Co., New York.
6. અમીન આર.કે. મુલ્યાનાં સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ.
7. પરીખ નરહરી માનવ અર્થશાસ્ત્ર, નવજીવન પ્રકાશન મંદિર, અમદાવાદ.




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Course-CC-112 (Core Compulsory)

Banking & Public Economics

Objective:

The main objective of this paper is to introduce the students to basic understanding of macro economics and public finance.

Unit-1: Commercial Banking:

Evolution of commercial banking in India after Independence, A critical appraisal of the progress of commercial banking after nationalization, Recent reforms in banking sector in India, Concept of Foreign And Private Banks, Functions of Co-Operative Banks,

Unit-2: Central Banking :

Meaning of Central bank, Functions of central bank(Reserve Bank Of India), Quantitative and qualitative methods of credit control - bank rate policy, open market operations, variable reserve ratio and selective methods, Objectives and limitations of monetary policy with special reference of India.

Unit-3: Public Economics-1 :

Meaning of Public Finance, instruments of Public Finance - Concept of Public expenditure, Causes of increasing public expenditure; Meaning, types and effects public debt.

Unit-4: Public Economics-2 :

Meaning and types of tax, Merit and demerits of direct and indirect taxes, Effects of taxation

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K.,: Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.




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Micro Economics-2

Objective:

The objective of this paper is to introduce the basic concepts of economics to the students so as to able them for further learning in economics.

Unit-1: Elasticity of Demand-2:

Meaning and types of income elasticity, Importance of income elasticity, Factors determining of income elasticity of demand, Meaning and importance of cross elasticity.

Unit-2: Theory of Production & Cost :

Meaning of Production Function, Short run production Function. Law of Diminishing Return; Different Concept of Costs (Real Cost, opportunity cost, and monetary cost) and their interrelation.

Unit-3: Market Structure :

Meaning and forms of Markets, its functions & limitation; meaning & Characteristics of perfect competition, monopoly and monopolistic competition.

Unit-4: Factor Pricing :

Basic Concepts of Rent, Interest- Gross Interest and net interest , Wages- Normal wages and real wages; Profit - Gross Profit & Net Profit. Basic concept of economic welfare.

Basic Reading:

1. Ahuja H.L: Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S. : Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Michal (1990) : Micro Economics,Addiison Willey Publishing Co., New York.
6. અમીન આર.કે. મુલ્યનાં સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ.
7. પરીખ નરહરી માનવ અર્થશાસ્ત્ર, નવજીવન પ્રકાશન મંદિર, અમદાવાદ.




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Course-CE (I) -113 (a) (Subject Elective)

Co-operative in India : 2

- Unit : 1** : Course of origin in Indian co-operatives, Main characters, Importance of co-operative Principles and description.
- Unit : 2** : Bank role and the working in Agricultural credit and Agricultural development – Reserve Bank of India, Land development Bank, State Bank of India, Co-operative Banks.
- Unit : 3** : Necessity of co-operative education and training, objects and methods, youths and co-operatives, Women and co-operatives.
- Unit : 4** : Co-operative Management, Registration Process of co-operative societies – Responsibilities of share holders, function of Management Committee, Function of general meeting, Function of Registrar, success of co-operative leadership.




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Course-CE (I) -114 (Subject Elective)

Banking & Public Economics

Objective:

The main objective of this paper is to introduce the students to basic understanding of macro economics and public finance.

Unit-1: Commercial Banking:

Evolution of commercial banking in India after Independence, A critical appraisal of the progress of commercial banking after nationalization, Recent reforms in banking sector in India, Concept of Foreign And Private Banks, Functions of Co-Operative Banks,

Unit-2: Central Banking :

Meaning of Central bank, Functions of central bank(Reserve Bank Of India), Quantitative and qualitative methods of credit control - bank rate policy open market operations, variable reserve ratio and selective methods, Objectives and limitations of monetary policy with special reference of India.

Unit-3: Public Economics-1 :

Meaning of Public Finance, instruments of Public Finance - Concept of Public expenditure, Causes of increasing public expenditure; Meaning, types and effects public debt.

Unit-4: Public Economics-2 :

Meaning and types of tax, Merit and demerits of direct and indirect taxes, Effects of taxation

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K., Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.




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Course-CE (I) -114 (a) (Subject Elective)

Co-operative in Foreign Countries:2

- Unit : 1** : (A) Raifision and setulitz movement in Germany (Credit)
(B) International co-operative Alliance.
- Unit : 2** : (A) Co-operative Communities in Israel.
(B) Agricultural Co-operative in Japan.
- Unit : 3** : (A) Labour co-operative in Italy.
(B) Industrial co-operative in France.
- Unit : 4** : Co-operative Marketing in U.S.A. and Canada.



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Elementary Economics

Objective:

The objective of this paper is to introduce the basic understanding of elementary economics.

Unit-1: Banking:

Meaning and type of Bank, Functions of commercial and central Bank(Reserve Bank of India).

Unit-2 Indian economics issues-1 :

Concept & Causes of Poverty, Remedies of Poverty; Types, Causes and Effects of Unemployment .

Unit-3 Indian economics issues-2 :

Causes and effects of population explosion, population policy of India.

Unit-4: Environmental Economics :

Concept of Environment, importance of ecological stability, Types of pollution, effects of pollution on society, remedies of pollution.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.
3. Dutt Ruddar & K.P.M. Sundaram: Indian Economy, S.Chand & Co. Ltd. New-Delhi
4. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
5. Shrivastava P.K.,: Banking Theory and Practice, Himalaya Publication House, New Delhi.
- 6.Environment of disaster management, Swami prakation. Patan.




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Co-operation - 2

1	Beginning and development of Co-operative Movement in India 'Amul' GCMMF
2	Co-Operative Movement in Developing Economy States and Co-operative Movement
3	Co-operative Agricultural and rural development Bank Urban Co-operative Bank and Urban Co-operative credit societies
4	Achievements and drawbacks of Co-operation Conditions for success of Co-operative Movement

References:

૧	સહકાર	પ્રિ. શીખ, ગઢવી, દોશી
૨	સહકાર સિદ્ધાંત અને વ્યવહાર	પ્રિ. શીખ, ગઢવી (યુનિ. ગ્રંથ નિમોણ બોર્ડ)
૩	સહકારના સિદ્ધાંત અને વ્યવહાર	પ્રિ. શાસ્ત્રી, દવે, પ્રા. પંચોલી અને પરમાર
૪	સહકારી વ્યવસ્થા અને વહીવટ	હકુમતરાય દેસાઈ (ગુ. રા. સહકારી સંઘ)
૫	સહકાર દર્શન	જગદીશ મુલાણી
6	Theory and Practice of Co-operation in India and Abroad	K. R. Kulkarni
7	Theory, History and practice of Co-operation	R. D. Bedi
8	Co-operation in India	Dr. B. S. Mathur
9	Co-operative movement in India & Abroad	Dr. N. P. Mathur
10	Co-operation in India	Dr. C. B. Mamoria
11	New Dimension of Co-operative Management	G. S. Kamat
12	Principles Practice and Problem Co-operation	T. N. Hazela



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अर्थशास्त्र



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Structure of CBCS in Economics: Semester - II

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-201 Core Coumpulsory	Economics Micro Economics - I	4	04 (03+01)	30	70	100	2:30
CC-202 Core Coumpulsory	Economics Money & Banking	4	04 (03+01)	30	70	100	2:30
CE-I (201) Core Elective	Economics Micro Economics -I	4	04 (03+01)	30	70	100	2:30
CE-I (202) Core Elective	Economics Money & Banking	4	04 (03+01)	30	70	100	2:30
CE-I (201) Core Elective	Co-Operative in India	4	04 (03+01)	30	70	100	2:30
CE-I (202) Core Elective	Co-Operative in Foreign Countries	4	04 (03+01)	30	70	100	2:30
EO- (205) Elective Open	Elementory Economics	2	02 (01+01)	15	35	50	2:00
EO- (205) Elective Open	Co-Operation	2	02 (01+01)	15	35	50	2:00




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B.A. Semester-II [Economics]
Course-CC-201 (Core Compulsory)
Micro Economics-2

Objective: The objective of this paper is to introduce the basic concepts of economics to the students so as to able them for further learning in economics.

Unit-1: Elasticity of Demand:-

Meaning and types of income elasticity, Importance of income elasticity, Factors determining of income elasticity of demand, Meaning, type and importance of cross elasticity.

Unit-2: Theory of Production & Cost:

Meaning of Production Function, Short run production Function, Law of Diminishing Return; Different concept of Costs (Real Cost, opportunity cost, and monetary cost) and their interrelation.

Unit-3: Market Structure :

Meaning and forms of Markets, its functions & limitation; meaning, & Characteristics of perfect competition, monopoly and monopolistic competition.

Unit-4: Factor Pricing:

Basic Concepts of Rent, Interest- Gross Interest and net interest, Wages-Normal wages and real wages; Profit - Gross Profit & Net Profit. Basic concept of economic welfare.

Basic Reading:

1. Ahuja H.L: Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S. : Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Michal (1990): Micro Economics, Addison Willey Publishing Co., New York.
૬. અમીન આર.કે. મૂલ્યનાંસિધ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ.
૭. પરીખ નરહરિ માનવ અર્થશાસ્ત્ર, નવજીવન પ્રકાશન મંદિર, અમદાવાદ




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B.A. Semester-II [Economics]
Course-CC-202 (Core Compulsory)

Banking & Public Economics

Objectives:

The main objective of this paper is to introduce the students to basic understanding of macro Economics and public finance

Unit-1: Commercial Banking:

A critical appraisal of the progress of commercial banking after nationalization, Recent reforms in banking sector in India, Concept of Foreign And Private Banks, function of state and district co-operative Bank.

Unit-2: Central Banking:

Meaning of Central bank, Functions of central bank (Reserve Bank of India), Quantitative and qualitative methods of credit control - bank rate policy, open market operations, variable reserve ratio and selective methods, concept of Repo rate and reverse Repo rate, Objectives and limitation of monetary policy with special reference to India.

Unit-3: Public Economics-1:

Meaning of Public Finance, instruments of Public Finance - Concept of Pub expenditure, Causes of increasing public expenditure; Meaning, types and effects public debt.

Unit-4: Public Economics-2:

Meaning and types of tax, Merit and demerits of direct and indirect taxes, concept of GST and its effects.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M., Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K.:, Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd, New Delhi.




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B.A. Semester-II [Economics]
Course-CE-201 (Core Elective)
Micro Economics-2

Objective: The objective of this paper is to introduce the basic concepts of Economics to the students so as to able them for further learning in Economics.

Unit-1: Elasticity of Demand:-

Meaning and types of income elasticity, Importance of income elasticity, Factors determining of income elasticity of demand, Meaning and importance of cross elasticity.

Unit-2: Theory of Production & Cost :

Meaning of Production Function, Short run production Function, Law of Diminishing Return; Different concept of Costs (Real Cost, opportunity cost, and monetary cost) and their interrelation.

Unit-3: Market Structure :

Meaning and forms of Markets, its functions & limitation; meaning, & Characteristics of perfect competition, monopoly and monopolistic competition.

Unit-4: Factor Pricing :

Basic Concepts of Rent, Interest- Gross Interest and net interest, Wages-Normal wages and real wages; Profit - Gross Profit & Net Profit. Basic concept of economic welfare.

Basic Reading:

2. Ahuja H.L: Advance Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Agrawal H.S. : Advance Economic Theory, Konark Publishers Pvt. Ltd. New Delhi.
3. Dewett K.K : Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
4. Jhingan. M.L. : Principal of economic, Vrinda Publication, Delhi,
5. Parkin, Michal (1990): Micro Economics, Addison Willey Publishing Co., New York.
૬. અમીન આર.કે. મૂલ્યનાંસિધ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ.
૭. પરીખ નરહરિ માનવ અર્થશાસ્ત્ર, નવજીવન પ્રકાશન મંદિર, અમદાવાદ




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B.A. Semester-II [Economics]
Course-CE-202 (Core Elective)

Banking & Public Economics

Objectives:

The main objective of this paper is to introduce the students to basic understanding of macro economics and public finance

Unit-1: Commercial Banking:

Evolution of commercial banking in India after Independence. A critical appraisal of the progress of commercial banking after nationalization, Recent reforms in banking sector in India, Concept of Foreign And Private Banks,

Unit-2: Central Banking:

Meaning of Central bank, Functions of central bank (Reserve Bank of India), Quantitative and qualitative methods of credit control - bank rate policy market operations, variable reserve ratio and selective methods, concept of Repo rate and reverse Repo rate Objectives and limitation of monetary policy with special reference of India.

Unit-3: Public Economics-1:

Meaning of Public Finance, instruments of Public Finance - Concept of Pub expenditure, Causes of increasing public expenditure; Meaning, types and effects public debt.

Unit-4: Public Economics-2:

Meaning and types of tax, Merit and demerits of direct and indirect taxes, concept of GST and its effects.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Mithani D.M., Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
3. Shrivastava P.K., Banking Theory and Practice, Himalaya Publication House, New Delhi.
4. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd, New Delhi.




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B.A. Semester – II (Co – Operation)

Course – CE – 201 (Core Elective)

Co – Operative in India

Objective:

- This course will help students to understand the origin and development of co-operative movement in India
- This course also enlighten students about various technicalities and process of co-operative societies

- Unit 1: Causes of origin in Indian co-operatives, Main Character, Importance of Co-operatives Principles and description.
- Unit 2: Bank role and the working in Agricultural credit and Agricultural development – Reserve Bank of India. Land development Bank, State Bank of India, co-operative Banks.
- Unit 3: Necessity of co-operative education and training, objects and methods, youths and co-operatives, women and co-operatives.
- Unit 4: Co-operative Management, Registration Process of co-operative societies - Responsibilities of share holders, function of Management Committee Function of general meeting, Function of Registrar, success of co-operative leadership.

References:

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|--------------------------------------------------|------------------------------------------|
| 1. સહકાર | પ્રિ.શીખ, ગઢવી, દોશી |
| 2. સહકાર સિધ્ધાંત અને વ્યવહાર | (યુનિ. ગ્રંથ નિર્માણ બોર્ડ) |
| 3. સહકાર સિધ્ધાંત અને વ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પર. પંચોલીઅને પરમાર |
| 4. સહકારી વ્યવસ્થા અને વહીવટ | હકુમતરાય દેસાઈ (ગુ.રા.સહકારી સંઘ) |
| 5. સહકાર દર્શન | જગદીશ મૂલાણી |
| 6. Theory and Practice of Co-operation in India | K. R. Kulkarni and Abroad |
| 7. Theory, History and practice of Co-operation | R. D. Bedi |
| 8. Co-operation in India | Dr. B. S. Mathur |
| 9. Co-operative movement in India & Abroad | Dr. N. P. Mathur |
| 10. Co-operation in India | Dr. C. B. Mamoria. |
| 11. New Dimension of Co-operative Management | G. S. Kamat |
| 12. Principles Practice and Problem Co-operation | T. N. Hazela |




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B.A. Semester-II [Co-operation]
Course-CE 202 (a) (Core Elective)
Co-operative in Foreign countries:

Objective:

- The course content provide basic inputs to understand the development of co-operative movement in foreign countries
- This course also helpful to understand various existing co-operative laws

Unit: 1 :(A) Raifision and setulitz movement in Germany
(Credit)

(B) International co-operative Alliance.

Unit : 2 (A) Co-operative Communities in Israel.

(B) Agricultural Co-operative in Japan.

Unit :3 (A) Labour co-operative in Italy.

(B) Industrial co-operative in France.

Unit : 4 Co-operative Marketing in U.S.A. and Canada.

References:

- | | |
|--------------------------------------------------|------------------------------------------|
| 13. સહકાર | પ્રિ.શીખ, ગઢવી, દોશી |
| 14. સહકાર સિધ્ધાંત અને વ્યવહાર | (યુનિ. ગ્રંથ નિર્માણ બોર્ડ) |
| 15. સહકાર સિધ્ધાંત અને વ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પર. પંચોલીઅને પરમાર |
| 16. સહકારી વ્યવસ્થા અને વહીવટ | હકુમતરાય દેસાઈ (ગુ.રા.સહકારી સંઘ) |
| 17. સહકાર દર્શન | જગદીશ મૂલાણી |
| 18. Theory and Practice of Co-operation in India | K. R. Kulkarni and Abroad |
| 19. Theory, History and practice of Co-operation | R. D. Bedi |
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| 24. Principles Practice and Problem Co-operation | T. N. Hazela |




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B.A. Semester-II [Economics]
Course-EO -205 (Elective open)
Elementary Economics

Objective: The objective of this paper is to introduce the basic understanding of elementary Economics

Unit-1: Banking:

Meaning and type of Bank, Functions of commercial and central Bank(Reserve Bank of India).

Unit-2 Indian economics issues-1:

Concept & Causes of Poverty, Remedies of Poverty; Types, Causes and Effects of Unemployment.

Unit-3 Indian economics issues-2:

Causes and effects of population explosion, population policy of India.

Basic Reading:

1. Dewett K.K: Modern Economic Theory, S.Chand, & Co. Ltd. New Delhi.
2. Ahuja H.L: Macro Economic Theory & Policy, S.Chand, & Co. Ltd. New Delhi.
3. Dutt Ruddar & K.P.M. Sundaram: Indian Economy, S.Chand & Co. Ltd. New Delhi
4. Mithani D.M.,: Money, Banking, International Trade and Public Finance, Himalaya Publication House, New Delhi.
5. Shrivastava P.K.,: Banking Theory and Practice, Himalaya Publication House, New Delhi.




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B.A. Semester-II (Co-Operation)
Course EO – 205 (Elective Open)

Co-Operation –

1.	Beginning of Development of Co-operative Movement in India, Introduction of Amul and GCMMF
2.	Co-operative Agricultural and rural development Bank Urban co-operative Bank and Urban co-operative credit societies: Concept and function
3.	Achievement and limitation of co-operation Conditions for success of co-operative Movement

References:

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|--------------------------------------------------|------------------------------------------|
| 25. સહકાર | પ્રિ.શીખ, ગઢવી, દોશી |
| 26. સહકાર સિધ્ધાંત અને વ્યવહાર | (યુનિ. ગ્રંથ નિર્માણ બોર્ડ) |
| 27. સહકાર સિધ્ધાંત અને વ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પર. પંચોલીઅને પરમાર |
| 28. સહકારી વ્યવસ્થા અને વહીવટ | હકુમતરાય દેસાઈ (ગુ.રા.સહકારી સંઘ) |
| 29. સહકાર દર્શન | જગદીશ મૂલાણી |
| 30. Theory and Practice of Co-operation in India | K. R. Kulkarni and Abroad |
| 31. Theory, History and practice of Co-operation | R. D. Bedi |
| 32. Co-operation in India | Dr. B. S. Mathur |
| 33. Co-operative movement in India & Abroad | Dr. N. P. Mathur |
| 34. Co-operation in India | Dr. C. B. Mamoria. |
| 35. New Dimension of Co-operative Management | G. S. Kamat |
| 36. Principles Practice and Problem Co-operation | T. N. Hazela |




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ECONOMICS



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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory. 205 (Main)
(Micro Economics - 1)

Object:- The main objective of the paper is to analyze the economic behavior of individual, Firm and Market. It is mainly concerned with U.G.Student

Unit: 1

Price mechanism and market equilibrium:-

Concept of price mechanism, role of price mechanism, meaning and introduction of market equilibrium, change of demand and its effect on market equilibrium, change of supply and its effect on market equilibrium, change of demand and supply and their effect on market equilibrium.

Unit : 2

Theory of Demand (cardinal utility analysis):-

Law of diminishing marginal utility, Derivation of law of demand on basis of the law of diminishing marginal utility, Principle of equi-marginal utility, Explanation of consumer surplus on the basics of cardinal utility analysis.

Unit: 3

Theory of Demand (cordial utility analyses):-

Concept and characteristics of indifference curve, Price line, shifting in the price line, Consumer's equilibrium, Brief introduction of price effect, income effect and substitute effect. Explanation of consumer surplus on the basic of ordinal utility analysis.

Unit: 4

Theory of cost and Revenue:-

Concepts of cost: Total cost, fixed cost and variable cost, Marginal and average cost, Inter relation between marginal and average cost.

Concept of revenue: Total revenue, Marginal revenue and average revenue in perfect competition, monopoly and monopolistic competition.

Basic Redding:-

1. Ahuja H.L. Advance Economic theory, S,Chand & co Ltd. New Delhi.
2. Agrawal, H.S. Advance Economic theory, Konark pub. Pvt. Ltd. New Delhi.
3. Dewett, K.K. Modern Economic theory, S. Chand & G. Ltd. New Delhi.
4. Jhingan, M.L. Principle of economics, vrinda pub. Dehli.
5. Parkin, Michel (1990) : Micro Economics, Addison Wesley pub. Co. New York.
6. अभीन आर.के. 'मूल्याना सिध्दांतो' युनि. ग्रंथ निर्माणा बोर्ड अमदावाद




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester : 3 ECONOMICS
Core Compulsory. 206 (Main)
Indian Economy -1

Objective: The main objective of the paper is to make the students familiar with the main problems and characteristic of different sectors of Indian economy.

Unit.1 India as a developing Economy, its main characteristics. Human development Index of India. Changing structure of Indian economy, decreasing share of primary sector and increasing share of tertiary sector.

Unit. 2

Population

Principle of demographic transition, size and trends of population in India.(birth rate, mortality rate, growth rate, rural- urban population, literacy rate and life expectancy) Causes of population explosion and its effects on Indian economy, National population policy.

Unit. 3

Problems of poverty and unemployment

Meaning and nature of poverty (absolute and relative poverty), estimates of poverty in India. Causes and remedies of poverty. Meaning and types of unemployment estimates of unemployment in India, Causes and remedies of unemployment.

Unit. 4

National Resources in India

Importance of Natural resources in economic development. Land, Forest, Water and Mineral (coal, ferrous and non ferrous metals and other mineral s).

Basic Redding:-

1. Indian Economy, Dutt and Sundram.
2. Indian Economy, Mishra and Puri
3. Indian Economy, Tandan and Tandan
4. ભારતીય અર્થતંત્ર, નીરવ પ્રકાશન,
5. ભારતીય અર્થતંત્ર, નીરવ પ્રકાશન,
6. ભારતીય અર્થતંત્ર, પોપ્પુલર પ્રકાશન, સુરત.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory. 207-A (Main-Optional)
Economic Systems -1

Objective :- The objective of the paper is to make the students familiar with the basic philosophy and objects of different economic systems. The course also aims to introduce the merit and demerits of different economic systems.

Unit 1 Economic System:

Meaning, characteristics, Function, Nature, Criteria for success and limitations.

Unit 2 Capitalism:

Meaning, Capitalism as laissez faire, invisible hand, Price mechanism and free market.

Characteristics and economic institutions of Capitalism. Sovereignty of consumer.

Unit 3 Merits and demerits of Capitalism (Benefits and Limitations)

Controlled capitalism (related to Nazism) Survival of the capitalism, Development of Corporate culture and economic welfare of common people, benefits of Social Security Schemes. Association of capitalism with Democracy and economic freedom. Keynesian economics and states intervention.

Unit 4 Gandhian Economic Thoughts:

Meaning of Gandhian economy. Main characteristics of Gandhian economic thoughts. Importance of labour intensive production techniques, small scale industries and rural economy. Relevance of Gandhian economic thought. Small is the beautiful—(Modern Gandhism —Dr. Shreeamaker.)

Basic Reading:

1. Schumpeter, Joseph "Capitalism, socialism & Democracy, London : Allen & Unwin, 1943.
2. Kornai Janos, the Socialists System: The Political Economy of Communism, Princeton, N.J.Princeton University Press 1942.
3. Dunlop, John B. The Rise of Russia and the fall of the soviet Empire, Princeton University press 1993.
4. Bhagwati Jagdish India in transition. Oxford: Clarendon press. 1993.
5. તુલનાત્મક આર્થિક પદ્ધતિઓ : લેખક ડો. આર.કે. ગાંધી યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ, ગુજરાત રાજ્ય.
6. ગુજરાતનું અર્થતંત્ર : લેખક ડો. બી.કે.ભટ્ટ ન્યુ પોપ્યુલર પ્રકાશન સુરત.
7. પરીખ,નરહરિ. 'માનવ અર્થશાસ્ત્ર'




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory. 207 B (Main -Optional)
Rural Economy of India :- 1

Objective: The main objective of the paper is to make the students familiar with the main problems of the rural economy of India. The course also aims to introduce the main organization and major development policies for rural development.

Unit 1

Salient features of Agrarian economy. Low per capita income and the problem of poverty. Problem of unemployment and under employment. Importance of agriculture in rural economy.

Unit 2

Social institutions and Rural Economy. Importance of joint family in the village community. The traditional cast system and simple division of labour. Social status of women in rural community. Traditional values in rural community. Social and religious beliefs and traditions.

Unit 3

Agriculture allied activities in rural area. Animal husbandry and dairy products, Forestry, fishery, Poultry, Horticulture, Floriculture etc. (Scope for employment and income generation).

Unit 4

Low productivity of agriculture. Major causes, Traditional farming – seeds, fertilizer, irrigation, damage to crop. Risk in agricultural crops and nature of agriculture market, Agriculture finance and debt. Agro-based rural industries.

Basic Reading:-

1. Chakravarty, Nihal chndra. Surveys and Plans for rural industries, Asia Publishing house, Bombay, 2002.
2. Arora, Ramesh K. and Rakesh Ahooja, Administration of Rural Development. Arihant, 2003.
3. Mahajan, V.S. Agriculture, Rural development and panchayati Raj. Deep and Deep Publication, 1996.
4. Annual Reports on NABARD. Agriculture situation in India, Monthly published by Ministry of Agriculture.
5. Rao C,H. Hanumantha (1975) Agricultural growth. Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester : 4 Economics
Core Compulsory. 210 –C (Main-Optional)
Quantitative Techniques -2

Objective:-The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

Unit 1 Central Tendency:

Measures of Central Tendency, mean, median, mode. Geometric mean and harmonic mean.

Unit 2 Dispersion:

Measures of dispersion: Range, Mean deviation, Quartile deviation, Standard deviation, coefficient of variation.

Unit 3 Time Series:

Meaning of time series, utility of study of time series, Analysis of time series, Components of time series, Trend, Seasonal and random components .

Unit 4 Index Number:

Meaning of Index number, Uses of Index number, construction of Index number, Laspeyres's, Paasche's and Fisher's Index number, Fisher's ideal index number, Limitations of Index number.

Basic Reading:-

1. Bhardwaj R.S., Business statistics, Excel Books, New Delhi.
2. Business statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Mathematical Analysis for Economists, Macmillan Press And ELBS, London.
4. Chiang A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.N., Elements of Statistics, S, Chand & co Ltd. New Delhi.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester : 3 ECONOMICS Investigation - 1
Core Compulsory. 207 – D (Main- Optional)
Investigation - 1

Objective:-The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

Unit. 1 Statistics:

Meaning and definition of statistics; Function, importance, limitation and distrust of statistics.

Unit. 2 census and sample investigation :

Meaning of census and sample investigation , difference between census and sample investigation, characteristics of a good sample, advantages of sampling, simple random sampling, stratified random sampling, sampling with applicatio n.

Unit.3 Collection of data.

Meaning of primary and secondary data, methods of primary data collection, sources of secondary data, characteristics of a good questionnaire, design of questionnaires :- study of socio economic survey.

Unit. 4 Classification and tabulation of data

Meaning of classification and tabulation, types of classification and tabulation, diagrammatic presentation and graphic presentation, types of diagrams, advantages of diagrammatic presentation and graphic presentation, drawing histogram frequency polygon , frequency curve and cumulative frequency curve.

Basic Reading:-

1. Bhardwaj R.S., Business statistics, Excel Books, New Delhi.
2. Business statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Mathematical Analysis for Edonom ists,Macmillan Press And ELBS,London.
4. Chiang A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.n.,Elements of Statistics, S,Chand & co Ltd. New Delhi.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Elective/ALLIED- 105 (optional paper)
Co-operation in India

- Unit: 1** Genesis and Growth of Co-Operative movement in India. Place of co-operation in developing countries. Evaluation of the co-operative movement achievements and weaknesses of co-operative movement in India.
- Unit: 2** (a) R.B.I and co-operative credit structure. (b) Primary credit co-operative societies. (c) Role & Development of urban co-operative banking in Gujarat.(d) District co-operative Banks (e) State co-operative Bank (f) co-operative credit (Apex body of) NABARD-its role (g) Long term – Agricultural credit.
- Unit: 3** Registration Progress of co-operative society - general body – Responsibilities and Liabilities of authorities. Inspection and Audit Arbitration. Management of cash balance of co-operative societies. Accounts of co-operation.
- Unit: 4** Functions and working of co-operative societies :- (1) Insurance and Living societies. (2) Industrial co-operative societies (3) Co-operative marketing societies (4) Co-operative housing societies (5) Co-operative consumer societies.(6) co-operative irrigation societies.

સંદર્ભ સાહિત્ય :

૧. સહકાર દર્શન : શ્રી જગદીશભાઈ મુલાણી
૨. સહકાર : ડૉ. બી. ડી. પરમાર અને અન્ય
૩. સહકાર ભાગ ૧-૨ : યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૪. co-operative Movement in India :- J. L. Raine
૫. સહકાર સિદ્ધાંત અને વ્યવહાર : યુનિ. ગ્રંથ નિર્માણ બોર્ડ પ્રકાશન




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Elective/ALLIED- 106
Law of Co-operation

- Unit : 1** History of co-operation legislation in India – co-operative credit societies 1904, co-operative societies Act 1912, Bombay co-operative Act-1925 and Societies Act of 1962, (with latest amendments and rules.)
- Unit: 2** The Gujarat Agricultural Produce marketing Act 1963, Agricultural debtors Relief Act, Money Lenders Act. The Bombay Tenancy and Agricultural Land Act, 1948.
- Unit: 3** Management of co-operative society: (a) Annual General Body (b) Board of Directors (c) By Laws of societies. (d) Board of Nominee
- Unit: 4** Set up of co-operative department: (a) Functions and Powers of Registrar of co-operative societies (b) co-operative milk societies: Management, objective and functions.

સંદર્ભ સાહિત્ય :

૧. સહકાર - ભાગ ૧ અને ૨ :- યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૨. સહકાર સિદ્ધાંત અને વ્યવહાર :- યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૩. Co-operative Movement in India: - J. L. Raine
૪. સહકારી કાયદો અને વ્યવસ્થાપન :- યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૫. Theory, History and Practice: - R. D. Bedi




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अर्थशास्त्र



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B.A. Semester-II (Co-Operation)
Course EO – 205 (Elective Open)

Co-Operation –

1.	Beginning of Development of Co-operative Movement in India, Introduction of Amul and GCMMF
2.	Co-operative Agricultural and rural development Bank Urban co-operative Bank and Urban co-operative credit societies: Concept and function
3.	Achievement and limitation of co-operation Conditions for success of co-operative Movement

References:

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|--------------------------------------------------|------------------------------------------|
| 25. સહકાર | પ્રિ.શીખ, ગઢવી, દોશી |
| 26. સહકાર સિધ્ધાંત અને વ્યવહાર | (યુનિ. ગ્રંથ નિર્માણ બોર્ડ) |
| 27. સહકાર સિધ્ધાંત અને વ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પર. પંચોલીઅને પરમાર |
| 28. સહકારી વ્યવસ્થા અને વહીવટ | હકુમતરાય દેસાઈ (ગુ.રા.સહકારી સંઘ) |
| 29. સહકાર દર્શન | જગદીશ મૂલાણી |
| 30. Theory and Practice of Co-operation in India | K. R. Kulkarni and Abroad |
| 31. Theory, History and practice of Co-operation | R. D. Bedi |
| 32. Co-operation in India | Dr. B. S. Mathur |
| 33. Co-operative movement in India & Abroad | Dr. N. P. Mathur |
| 34. Co-operation in India | Dr. C. B. Mamoria. |
| 35. New Dimension of Co-operative Management | G. S. Kamat |
| 36. Principles Practice and Problem Co-operation | T. N. Hazela |




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Structure of CBCS in Economics: Semester - III

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-303 Core Coumpulsory	Economics Micro Economics - I	4	04 (03+01)	30	70	100	2:30
CC-304 Core Coumpulsory	Indian Economy	4	04 (03+01)	30	70	100	2:30
CC - 305 - A Core Coumpulsory	Economic System	4	04 (03+01)	30	70	100	2:30
CC - 305 B Core Coumpulsory	Rural Economy of India	4	04 (03+01)	30	70	100	2:30
CC - 305 C Core Coumpulsory	Quantitative Techniques	4	04 (03+01)	30	70	100	2:30
CC - 305 D Core Coumpulsory	Investigation	4	04 (03+01)	30	70	100	2:30
CE-303 Core Elective	Co-Operation in India	4	04 (03+01)	30	70	100	2:30
CE-304 Core Elective	Law of Co-Operation	4	04 (03+01)	30	70	100	2:30




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S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory - CC 303 (Main)
(Micro Economics - 1)

Objective:-

- The motive of this paper is to enhance the analytical skills of economic behavior of individual, Firm and Market.
- All the concepts in this paper concerned with primitive concepts which is mainly concerned with U.G. Student

- Unit: 1 **Price mechanism and market equilibrium:**
Concept and role of price mechanism, meaning and introduction of market equilibrium, change of demand and its effect on market equilibrium, change of supply and its effect on market equilibrium, change of demand and supply and their effect on market equilibrium.
- Unit: 2 **Theory of Demand (cardinal utility analysis):**
Law of diminishing marginal utility, Derivation of law of demand on basis of the law of diminishing marginal utility, Principle of equi-marginal utility, Explanation of consumer surplus on the basics of cardinal utility analysis.
- Unit: 3 **Theory of Demand (ordinal utility analyses):**
Concept and characteristics of indifference curve. Price line, shifting in the Price line, Consumer's equilibrium, Brief introduction of price effect, income effect and substitute effect.
Explanation of consumer surplus on the basic of ordinal utility analysis.
- Unit: 4 **Theories of cost and Revenue:**
Concepts of cost: Total cost, fixed cost and variable cost, Marginal and average cost relation between marginal and average cost.
Concept of revenue: Total revenue, Marginal revenue and average revenue in perfect competition, monopoly and monopolistic competition

Basic Reading: -

1. Ahuja H.L. Advance Economic theory, S,Chand & co Ltd. New Delhi.
2. Agrawal, H.S. Advance Economic theory, Konark pub. Pvt. Ltd. New Delhi.
3. Dewett, K.K. Modern Economic theory, S.Chand & G. Ltd. New Delhi.
4. Jhingan, M.L. Principle of economics, vrinda pub. Delhi.
5. Parkin, Michel (1990): Micro Economics, Addison Wesley pub. Co. New York 6.
6. Tripathi G.D. Micro Economic Theory, Mark Publishers, Jaipur
7. અમીનઆર. કે. 'મૂલ્યના સિદ્ધાંતો' યુનિ. ગ્રંથનિર્માણબોર્ડ અમદાવાદ




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory – CC: 304 (Main)
Indian Economy -1

Objective: The main objective of the paper is to make the students familiar with the problems and characteristic of different sectors of Indian economy.

Unit. 1 India as a developing Economy, its main characteristics. Human development Index of India. Changing structure of GDP in Indian economy, decreasing share of primary sector and increasing share of tertiary sector.

Unit 2 **Population**

Principle of demographic transition, size and trends of population in India; concept of birth rate, mortality infant mortality rate, growth rate, rural- urban population, literacy rate and life expectancy; Causes of population explosion and its effects on Indian economy, National population policy.

Unit. 3 **Problems of poverty and unemployment**

Meaning and nature of poverty (absolute and relative poverty), estimates of poverty in India. Causes and remedies of poverty. Meaning and types of unemployment estimates of unemployment in India, Causes and remedies of unemployment.

Unit. 4 **Natural Resources in India**

Importance of Natural resources in economic development; Land, Forest, Water and Mineral.

Basic Redding:

1. Indian Economy, Dutt and Sundram.
2. Indian Economy, Mishra and Puri
3. Indian Economy, Tandan and Tandan
4. ભારતીય અર્થતંત્ર, નીરવ પ્રકાશન
5. ભારતીય અર્થતંત્ર, નીરવ પ્રકાશન
6. ભારતીય અર્થતંત્ર, પોપ્ચુલર પ્રકાશન, સુરત.




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S.Y.B.A. Semester: 3 Economics
Core Compulsory- CC: 305 A (Main Optional)
Economic System

Objective:-

- This paper is to make the students familiar with the basic philosophy and objects of different economic systems.
- The course also aims to introduce the merit and demerits of different economic systems.

Unit 1 **Economic System:**
Meaning, Characteristics, Functions, Nature, Criteria for success and limitations

Unit 2 **Capitalism - 1:**
Meaning, Capitalism as laissez faire, invisible hand, Price mechanism and free market. Characteristics and economic institutions of Capitalism. Merits and demerits of Capitalism (Benefits and Limitations)

Unit 3 **Capitalism - 2:**
Development of Corporate culture and economic welfare of common people, benefits of Social Security Schemes. Association of capitalism with Democracy and economic freedom Keynesian economics and states intervention

Unit 4 **Gandhian Economic Thoughts:**
Meaning of Gandhian economy. Main characteristics of Gandhian economic thoughts Importance of labour intensive production, techniques, small scale industries and rural economy. Relevance of Gandhian economic thought.

Basic Reading

1. Schumpeter, Joseph "Capitalism, socialism & Democracy, London: Allen & Unwin, 1943.
2. Kornai Janos; the Socialists System: The Political Economy of Communism, Princeton,N.J.Princetn University Press 1942.
- 3: Dunlop, John B. The Rise of Russia and the fall of the soviet Empire, Princeton Universitypress 1993.
4. BhagwatiJagdish India in transition. Oxford: Clarendon press. 1993.
5. Tripathi G.D. , History of Economic Thoughts, Mark Publications, Jaipur
- 5.તુલનાત્મકઆર્થિક પદ્ધતિઓ: લેખક ડો.આર.કે. ગાંધીયુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ, ગુજરાત રાજ્ય.
- 6.ગુજરાતનું અર્થતંત્ર: લેખકડો.બી.કે. ભટ્ટ ન્યુ પોપ્યુલર પ્રકાશન સુરત.
7. પરીખ, નરહરિ. 'માનવઅર્થશાસ્ત્ર




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S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory. 305B (Main-Optional)
Rural Economy of India – 1

Objective:

- This paper is to make the students familiar with main problems of the rural economy of India.
- The course also aims to introduce the main organizational and major developmental policies for rural development.

Unit 1

Salient features of Agrarian economy, Low per capita income and the problem of poverty. Problem of unemployment and under employment. Importance of agriculture in rural economy.

Unit 2

Social institutions and Rural Economy. Importance of joint family in the village community. The traditional caste system and simple division of labour. Social status of women in rural community. Traditional values in rural community. Social and religious beliefs and traditions.

Unit 3

Agriculture allied activities in rural areas; Animal husbandry and dairy products, Forestry fishery, Poultry, Horticulture, Floriculture etc. (Scope for employment and income generation)

Unit 4

Low productivity of agriculture. Brief introduction of Traditional farming and its limitations. Risk in agricultural crops and nature of agriculture market, sustainable and organic farming.

Basic Reading:

1. Chakravarty, Nihalchandra. Surveys and Plans for rural industries, Asia Publishing house. Bombay, 2002.
2. Arora, Ramesh K. and Rakesh Ahooja, Administration of Rural Development. Arihant, 2003
3. Mahajan, V.S. Agriculture, Rural development and panchayati Raj. Deep and Deep Publication, 1996.
4. Annual Reports on NABARD. Agriculture situation in India, Monthly published by Ministry of Agriculture.
5. Rao C,H. Hanumantha (1975) Agricultural growth. Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
6. Tripathi G.D., Rural Development in India, Mark Publications, Jaipur




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S.Y.B.A. Semester – 3 Quantitative Techniques- I
Core Compulsory CC-305 –C (Main- Optional)
Quantitative Techniques- 1

Objective :- The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economics problem.

Unit. 1 Basic Concepts

- (a) Variables, Sets, Function, Equation, Application of straight- line system, Slope of the line, Homogeneous function.
- (b) Meaning of differentiation, Rules of Differentiation.

Unit.2 Application of differentiation in Economics

Maxima and Minima, Elasticities, Equilibrium of a firm and consumer, inter relationships among total, marginal and average cost and revenues, constrained optimization problem.

Unit. 3 Matrix and Determinates

Various types of matrices, Determinates, inverse of matrix, crammer's rule.

Unit. 4 Introduction to statistics

Basic concepts: Population, Sample, Frequency, Distribution, Cumulative frequency : Graphic and diagrammatic representation of data, Techniques of data collection : Sampling vs. Population, primary and secondary data.

Basic Reading:-

1. Bhardwaj R.S., Business stastitics, Excel Books, New Delhi.
2. Business statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Methematical Analysis for Edonomists, Macmillan press and ELBS, London.
4. Chiang A.C., Fundamental Method of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.n., Elements of Statistics, S,Chand & coLtd. New Delhi.




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S.Y.B.A. Semester – 3 Quantitative Techniques- I
Core Compulsory CC-305 –D (Main- Optional)
Investigation- 1

Objective :- The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economics problem.

Unit. 1 Statistics:

Meaning and definition of statistics; function, importance, limitation and distrust of statistics.

Unit. 2 census and sample investigation :

Meaning of census and sample investigation, difference between census and sample investigation, characteristics of a good sample, advantage & disadvantages of sampling, simple random sampling, stratified random sampling, sampling with application.

Unit.3 Collection of data.

Meaning of primary and secondary data, methods of primary data collection, sources of secondary data, characteristics of a good questionnaire, design of questionnaires: Study of socio-economic survey.

Unit.4 Classification and tabulation of data

Meaning of classification and tabulation, types of classification and tabulation, diagrammatic presentation and graphic presentation, types of diagrams, advantages of diagrammatic presentation and graphic presentation, drawing histogram frequency polygon, frequency curve and cumulative frequency curve.

Basic Reading:-

1. Bhardwaj R.S., Business Statistics, Excel Books, New Delhi.
2. Business Statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Mathematical Analysis for Economists, Macmillan press and ELBS, London.
4. Chiang A.C., Fundamental Method of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.n., Elements of Statistics, S,Chand & coLtd. New Delhi.




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H.N.G. UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Elective – CE -303(optional paper)
Co-operation in India

Objectives

- This paper will help students to understand the basic Concept of co-operative movement in India
- This paper will enhanced their understanding of co-operative movement in India

- Unit: 1 Genesis and Growth of Co-Operative movement in India and Gujarat; its effect, Place of co-operation in developing countries. Evaluation of the co-operative movement achievements and weaknesses of co-operative movement in India.
- Unit: 2 (a) R.B.I and co-operative credit structure. (b) Primary credit co-operative societies and its functions (c) Role & Development of urban co-operative banking in Gujarat and its functions (d) District co-operative Banks and its functions (e) State co-operative Bank and its functions (f) Role of NABARD
- Unit: 3 Registration Progress of co-operative society, general body; its function and Responsibilities. Inspection and Audit Arbitration. Management of cash balance of co-operative societies. Accounts of co-operation.
- Unit: 4 Functions and working of co-operative societies :- (1) Insurance and Living societies. (2) Industrial co-operative societies (3) Co-operative marketing societies (4) Co-operative "housing societies (5) Co-operative consumer societies (6) Co-operative irrigation societies.

संदर्भसाहित्य :

- १.सहकारदर्शन : श्रीजगदीशभाठमलाणी
- २.सहकार : डॉ.बी. डी. परमारअनेअन्य
- ३.सहकारभाग१-२ : युनि. ग्रंथनिर्माणबोर्ड, प्रकाशन
- ४.co-operative Movement in India :- J. L. Raine
- ५.सहकारसिद्धांतअनेव्यवहार : युनि. ग्रंथनिर्माणबोर्डप्रकाशन




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S.Y.B.A. Semester: 3 ECONOMICS
Core Elective/ALLIED-CE-304
Law of Co-operation

Objectives

- This paper will help students to understand the various technical aspects of co-operation
- This paper will enhanced their understanding of rules and Acts regarding co-operative movement in India

- Unit: 1 History of co-operation legislation in India - co-operative credit societies 1904, co-operative societies Act 1912, Bombay co-operative Act-1925 and Societies Act of 1962. (with latest amendments and rules.)
- Unit: 2 The Gujarat Agricultural Produce marketing Act 1963, Agricultural debtors Relief Act, Money Lenders Act. The Bombay Tenancy and Agricultural Land Act, 1948.
- Unit: 3 Management of co-operative society: (a) Annual General Body (b) Board of Directors(c) By Laws of societies. (d) Board of Nominee
- Unit: 4 Set up of co-operative department: (a) Functions and Powers of Registrar of co-operative societies (b) co-operative milk societies: Management, objective and functions.




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अर्थशास्त्र



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B.A. Semester-II (Co-Operation)
Course EO – 205 (Elective Open)

Co-Operation –

1.	Beginning of Development of Co-operative Movement in India, Introduction of Amul and GCMMF
2.	Co-operative Agricultural and rural development Bank Urban co-operative Bank and Urban co-operative credit societies: Concept and function
3.	Achievement and limitation of co-operation Conditions for success of co-operative Movement

References:

- | | |
|--------------------------------------------------|------------------------------------------|
| 25. સહકાર | પ્રિ.શીખ, ગઢવી, દોશી |
| 26. સહકાર સિધ્ધાંત અને વ્યવહાર | (યુનિ. ગ્રંથ નિર્માણ બોર્ડ) |
| 27. સહકાર સિધ્ધાંત અને વ્યવહાર | પ્રિ. શાસ્ત્રી, દવે, પર. પંચોલીઅને પરમાર |
| 28. સહકારી વ્યવસ્થા અને વહીવટ | હકુમતરાય દેસાઈ (ગુ.રા.સહકારી સંઘ) |
| 29. સહકાર દર્શન | જગદીશ મૂલાણી |
| 30. Theory and Practice of Co-operation in India | K. R. Kulkarni and Abroad |
| 31. Theory, History and practice of Co-operation | R. D. Bedi |
| 32. Co-operation in India | Dr. B. S. Mathur |
| 33. Co-operative movement in India & Abroad | Dr. N. P. Mathur |
| 34. Co-operation in India | Dr. C. B. Mamoria. |
| 35. New Dimension of Co-operative Management | G. S. Kamat |
| 36. Principles Practice and Problem Co-operation | T. N. Hazela |




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Structure of CBCS in Economics: Semester - III

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-303 Core Coumpulsory	Economics Micro Economics - I	4	04 (03+01)	30	70	100	2:30
CC-304 Core Coumpulsory	Indian Economy	4	04 (03+01)	30	70	100	2:30
CC - 305 - A Core Coumpulsory	Economic System	4	04 (03+01)	30	70	100	2:30
CC - 305 B Core Coumpulsory	Rural Economy of India	4	04 (03+01)	30	70	100	2:30
CC - 305 C Core Coumpulsory	Quantitative Techniques	4	04 (03+01)	30	70	100	2:30
CC - 305 D Core Coumpulsory	Investigation	4	04 (03+01)	30	70	100	2:30
CE-303 Core Elective	Co-Operation in India	4	04 (03+01)	30	70	100	2:30
CE-304 Core Elective	Law of Co-Operation	4	04 (03+01)	30	70	100	2:30




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S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory - CC 303 (Main)
(Micro Economics - 1)

Objective:-

- The motive of this paper is to enhance the analytical skills of economic behavior of individual, Firm and Market.
- All the concepts in this paper concerned with primitive concepts which is mainly concerned with U.G. Student

- Unit: 1 **Price mechanism and market equilibrium:**
Concept and role of price mechanism, meaning and introduction of market equilibrium, change of demand and its effect on market equilibrium, change of supply and its effect on market equilibrium, change of demand and supply and their effect on market equilibrium.
- Unit: 2 **Theory of Demand (cardinal utility analysis):**
Law of diminishing marginal utility, Derivation of law of demand on basis of the law of diminishing marginal utility, Principle of equi-marginal utility, Explanation of consumer surplus on the basics of cardinal utility analysis.
- Unit: 3 **Theory of Demand (ordinal utility analyses):**
Concept and characteristics of indifference curve. Price line, shifting in the Price line, Consumer's equilibrium, Brief introduction of price effect, income effect and substitute effect.
Explanation of consumer surplus on the basic of ordinal utility analysis.
- Unit: 4 **Theories of cost and Revenue:**
Concepts of cost: Total cost, fixed cost and variable cost, Marginal and average cost relation between marginal and average cost.
Concept of revenue: Total revenue, Marginal revenue and average revenue in perfect competition, monopoly and monopolistic competition

Basic Reading: -

1. Ahuja H.L. Advance Economic theory, S,Chand & co Ltd. New Delhi.
2. Agrawal, H.S. Advance Economic theory, Konark pub. Pvt. Ltd. New Delhi.
3. Dewett, K.K. Modern Economic theory, S.Chand & G. Ltd. New Delhi.
4. Jhingan, M.L. Principle of economics, vrinda pub. Delhi.
5. Parkin, Michel (1990): Micro Economics, Addison Wesley pub. Co. New York 6.
6. Tripathi G.D. Micro Economic Theory, Mark Publishers, Jaipur
7. અમીનઆર. કે. 'મૂલ્યના સિદ્ધાંતો' યુનિ. ગ્રંથનિર્માણબોર્ડ અમદાવાદ




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory – CC: 304 (Main)
Indian Economy -1

Objective: The main objective of the paper is to make the students familiar with the problems and characteristic of different sectors of Indian economy.

Unit. 1 India as a developing Economy, its main characteristics. Human development Index of India. Changing structure of GDP in Indian economy, decreasing share of primary sector and increasing share of tertiary sector.

Unit 2 **Population**

Principle of demographic transition, size and trends of population in India; concept of birth rate, mortality infant mortality rate, growth rate, rural- urban population, literacy rate and life expectancy; Causes of population explosion and its effects on Indian economy, National population policy.

Unit. 3 **Problems of poverty and unemployment**

Meaning and nature of poverty (absolute and relative poverty), estimates of poverty in India. Causes and remedies of poverty. Meaning and types of unemployment estimates of unemployment in India, Causes and remedies of unemployment.

Unit. 4 **Natural Resources in India**

Importance of Natural resources in economic development; Land, Forest, Water and Mineral.

Basic Redding:

1. Indian Economy, Dutt and Sundram.
2. Indian Economy, Mishra and Puri
3. Indian Economy, Tandan and Tandan
4. ભારતીય અર્થતંત્ર, નીરવ પ્રકાશન
5. ભારતીય અર્થતંત્ર, નીરવ પ્રકાશન
6. ભારતીય અર્થતંત્ર, પોપ્ચુલર પ્રકાશન, સુરત.




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S.Y.B.A. Semester: 3 Economics
Core Compulsory- CC: 305 A (Main Optional)
Economic System

Objective:-

- This paper is to make the students familiar with the basic philosophy and objects of different economic systems.
- The course also aims to introduce the merit and demerits of different economic systems.

Unit 1 **Economic System:**
Meaning, Characteristics, Functions, Nature, Criteria for success and limitations

Unit 2 **Capitalism - 1:**
Meaning, Capitalism as laissez faire, invisible hand, Price mechanism and free market. Characteristics and economic institutions of Capitalism. Merits and demerits of Capitalism (Benefits and Limitations)

Unit 3 **Capitalism - 2:**
Development of Corporate culture and economic welfare of common people, benefits of Social Security Schemes. Association of capitalism with Democracy and economic freedom Keynesian economics and states intervention

Unit 4 **Gandhian Economic Thoughts:**
Meaning of Gandhian economy. Main characteristics of Gandhian economic thoughts Importance of labour intensive production, techniques, small scale industries and rural economy. Relevance of Gandhian economic thought.

Basic Reading

1. Schumpeter, Joseph "Capitalism, socialism & Democracy, London: Allen & Unwin, 1943.
2. Kornai Janos; the Socialists System: The Political Economy of Communism, Princeton,N.J.Princetn University Press 1942.
- 3: Dunlop, John B. The Rise of Russia and the fall of the soviet Empire, Princeton Universitypress 1993.
4. BhagwatiJagdish India in transition. Oxford: Clarendon press. 1993.
5. Tripathi G.D. , History of Economic Thoughts, Mark Publications, Jaipur
- 5.તુલનાત્મકઆર્થિક પદ્ધતિઓ: લેખક ડો.આર.કે. ગાંધીયુનિવર્સીટી ગ્રંથ નિર્માણ બોર્ડ, ગુજરાત રાજ્ય.
- 6.ગુજરાતનું અર્થતંત્ર: લેખકડો.બી.કે. ભટ્ટ ન્યુ પોપ્યુલર પ્રકાશન સુરત.
7. પરીખ, નરહરિ. 'માનવઅર્થશાસ્ત્ર




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S.Y.B.A. Semester: 3 ECONOMICS
Core Compulsory. 305B (Main-Optional)
Rural Economy of India – 1

Objective:

- This paper is to make the students familiar with main problems of the rural economy of India.
- The course also aims to introduce the main organizational and major developmental policies for rural development.

Unit 1

Salient features of Agrarian economy, Low per capita income and the problem of poverty. Problem of unemployment and under employment. Importance of agriculture in rural economy.

Unit 2

Social institutions and Rural Economy. Importance of joint family in the village community. The traditional caste system and simple division of labour. Social status of women in rural community. Traditional values in rural community. Social and religious beliefs and traditions.

Unit 3

Agriculture allied activities in rural areas; Animal husbandry and dairy products, Forestry fishery, Poultry, Horticulture, Floriculture etc. (Scope for employment and income generation)

Unit 4

Low productivity of agriculture. Brief introduction of Traditional farming and its limitations. Risk in agricultural crops and nature of agriculture market, sustainable and organic farming.

Basic Reading:

1. Chakravarty, Nihalchandra. Surveys and Plans for rural industries, Asia Publishing house. Bombay, 2002.
2. Arora, Ramesh K. and Rakesh Ahooja, Administration of Rural Development. Arihant, 2003
3. Mahajan, V.S. Agriculture, Rural development and panchayati Raj. Deep and Deep Publication, 1996.
4. Annual Reports on NABARD. Agriculture situation in India, Monthly published by Ministry of Agriculture.
5. Rao C,H. Hanumantha (1975) Agricultural growth. Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi.
6. Tripathi G.D., Rural Development in India, Mark Publications, Jaipur




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S.Y.B.A. Semester – 3 Quantitative Techniques- I
Core Compulsory CC-305 –C (Main- Optional)
Quantitative Techniques- 1

Objective :- The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economics problem.

Unit. 1 Basic Concepts

- (a) Variables, Sets, Function, Equation, Application of straight- line system, Slope of the line, Homogeneous function.
- (b) Meaning of differentiation, Rules of Differentiation.

Unit.2 Application of differentiation in Economics

Maxima and Minima, Elasticities, Equilibrium of a firm and consumer, inter relationships among total, marginal and average cost and revenues, constrained optimization problem.

Unit. 3 Matrix and Determinates

Various types of matrices, Determinates, inverse of matrix, crammer's rule.

Unit. 4 Introduction to statistics

Basic concepts: Population, Sample, Frequency, Distribution, Cumulative frequency : Graphic and diagrammatic representation of data, Techniques of data collection : Sampling vs. Population, primary and secondary data.

Basic Reading:-

1. Bhardwaj R.S., Business stastitics, Excel Books, New Delhi.
2. Business statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Methemathical Analysis for Edonomists, Macmillan press and ELBS, London.
4. Chiang A.C., Fundamental Method of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.n., Elements of Statistics, S,Chand & coLtd. New Delhi.




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S.Y.B.A. Semester – 3 Quantitative Techniques- I
Core Compulsory CC-305 –D (Main- Optional)
Investigation- 1

Objective :- The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economics problem.

Unit. 1 Statistics:

Meaning and definition of statistics; function, importance, limitation and distrust of statistics.

Unit. 2 census and sample investigation :

Meaning of census and sample investigation, difference between census and sample investigation, characteristics of a good sample, advantage & disadvantages of sampling, simple random sampling, stratified random sampling, sampling with application.

Unit.3 Collection of data.

Meaning of primary and secondary data, methods of primary data collection, sources of secondary data, characteristics of a good questionnaire, design of questionnaires: Study of socio-economic survey.

Unit.4 Classification and tabulation of data

Meaning of classification and tabulation, types of classification and tabulation, diagrammatic presentation and graphic presentation, types of diagrams, advantages of diagrammatic presentation and graphic presentation, drawing histogram frequency polygon, frequency curve and cumulative frequency curve.

Basic Reading:-

1. Bhardwaj R.S., Business Statistics, Excel Books, New Delhi.
2. Business Statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Mathematical Analysis for Economists, Macmillan press and ELBS, London.
4. Chiang A.C., Fundamental Method of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.n., Elements of Statistics, S,Chand & coLtd. New Delhi.




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H.N.G. UNIVERSITY PATAN
S.Y.B.A. Semester: 3 ECONOMICS
Core Elective – CE -303(optional paper)
Co-operation in India

Objectives

- This paper will help students to understand the basic Concept of co-operative movement in India
- This paper will enhanced their understanding of co-operative movement in India

- Unit: 1 Genesis and Growth of Co-Operative movement in India and Gujarat; its effect, Place of co-operation in developing countries. Evaluation of the co-operative movement achievements and weaknesses of co-operative movement in India.
- Unit: 2 (a) R.B.I and co-operative credit structure. (b) Primary credit co-operative societies and its functions (c) Role & Development of urban co-operative banking in Gujarat and its functions (d) District co-operative Banks and its functions (e) State co-operative Bank and its functions (f) Role of NABARD
- Unit: 3 Registration Progress of co-operative society, general body; its function and Responsibilities. Inspection and Audit Arbitration. Management of cash balance of co-operative societies. Accounts of co-operation.
- Unit: 4 Functions and working of co-operative societies :- (1) Insurance and Living societies. (2) Industrial co-operative societies (3) Co-operative marketing societies (4) Co-operative "housing societies (5) Co-operative consumer societies (6) Co-operative irrigation societies.

संदर्भसाहित्य :

- १.सहकारदर्शन : श्रीजगदीशभाठमलाणी
२.सहकार : डॉ.बी. डी. परमारअनेअन्य
३.सहकारभाग१-२ : युनि. ग्रंथनिर्माणबोर्ड, प्रकाशन
४.co-operative Movement in India :- J. L. Raine
५.सहकारसिद्धांतअनेव्यवहार : युनि. ग्रंथनिर्माणबोर्डप्रकाशन




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S.Y.B.A. Semester: 3 ECONOMICS
Core Elective/ALLIED-CE-304
Law of Co-operation

Objectives

- This paper will help students to understand the various technical aspects of co-operation
- This paper will enhanced their understanding of rules and Acts regarding co-operative movement in India

- Unit: 1 History of co-operation legislation in India - co-operative credit societies 1904, co-operative societies Act 1912, Bombay co-operative Act-1925 and Societies Act of 1962. (with latest amendments and rules.)
- Unit: 2 The Gujarat Agricultural Produce marketing Act 1963, Agricultural debtors Relief Act, Money Lenders Act. The Bombay Tenancy and Agricultural Land Act, 1948.
- Unit: 3 Management of co-operative society: (a) Annual General Body (b) Board of Directors(c) By Laws of societies. (d) Board of Nominee
- Unit: 4 Set up of co-operative department: (a) Functions and Powers of Registrar of co-operative societies (b) co-operative milk societies: Management, objective and functions.




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ECONOMICS



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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 Economics
Core Compulsory. 208 (Main)
Micro Economics -2

Objective: Object: - The main objective of the paper is to analyze the economic behavior of individual, Firm and Market. It is mainly concerned with U.G.Students.

Unit. 1 Market Structure-1 (Perfect competition & monopoly):

Meaning of perfect competition, short run and long run equilibrium of the firm and industry in perfect competition, Concept of monopoly, equilibrium of firm in the monopoly, Meaning and types of price discrimination, Possibility and profitability of price discrimination, Effect of monopoly.

Unit. 2 Market structure- 2 (Monopolistic competition):

Concept of monopolistic competition, price and output determination of firm under monopolistic competition, Equilibrium of group, Selling cost and its effect on demand curve, Comparison among perfect competition, monopoly and monopolistic competition, concept of oligopoly and duopoly.

Unit. 3 Distribution of National Income:

Marginal productivity theory of distribution, Modern theory of rent, collective bargaining theory of wages, concept and effects of minimum wages.

Unit. 4 Distribution and welfare economics:

- (a) Theory of profit, Theory of risk, theory of uncertainty, theory of innovations.
- (b) Definition of welfare economics, Introduction of economic and non economic welfare, concept of individual welfare and social welfare, Introduction of pigou's welfare economics, problems in measuring welfare.

Basic Reding:-

1. Ahuja H.L. Advance Economic theory, S,Chand & co Ltd. New Delhi.
2. Agrawal, H.S. Advance Economic theory, Konark pub. Pvt. Ltd. New Delhi.
3. Dewett, K.K. Modern Economic theory, S.Chand & G. Ltd. New Delhi.
4. Jhingan, M.L. Principle of economics, vrinda pub. Dehli.
5. Parkin, Michel (1990) : Micro Economics, Addison Wesley pub. Co. New York.
6. અમીન આર.કે. 'મૂલ્યના સિદ્ધાંતો' યુનિ. ગ્રંથ નિર્માણ બોર્ડ અમદાવાદ




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory. 209(Main)
Indian Economy -2

Object: The main objective of this paper is to introduce the basic concepts of Indian Economy. This paper is to make the students familiar with the main problems and characteristic of different sectors of Indian economy .

Unit. 1 Planning

Achievements limitations and lessons of Indian planning. Objectives of planning, Resource allocation of planning. Achievements and limitations of liberalization policy in India.

Unit. 2 Agriculture

Role of agriculture in Indian economy. Causes of low productivity of agriculture in India. Land reforms, Role of credit in agricultural development, institutions providing credit to the agriculture sector. Regulated Agricultural Market. Introduction to green revolution in India.

Unit -3 Industrial Sector

Importance of Industrial development in Indian economy. Trends of Industrial development. Importance and problems of Small scale and cottage industries in India. Measures of the development of small and cottage industry. Liberalized industrial policy in India.

Unit -4 Role of private sector, public sector and co-operative sector in the development of industrial and tertiary sector, special economic zone and special economic region.

Basic Reading :

1. Dutt, Rudder & K.P.M. Sundaram : Indian Economy, S. Chand & Co. Ltd. New Delhi.
2. Misra & Puri (2010) Indian Economy, Himalaya pub. Hou, New Delhi.
3. Agarwal A.N. Indian Economy, Wiswas Parkas, New Delhi.
4. R.B.I. Bulletin
5. Economic Survey of India.



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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory. 210-A (Main-Optional)
Economic Systems -2

Objective: - The objective of the paper is to make the students familiar with the basic philosophy and objects of different economic systems. The course also aims to introduce the merit and demerits of different economic systems.

Unit 1 Analysis of capitalism by Karl Marks. Crisis of capitalism illustrated by Karl Marks.

Communism: Meaning, Nature and characteristics, Merits and demerits of communism.

Experience of communism in Russia and China.

Unit 2 Socialism:

Meaning and types (Utopian, Fabianism, Market Socialism) characteristics. Lang's and Taylor's Model of Market socialism. Relevance of Socialistic ideas in modern world.

Unit 3 Mixed economy:

Meaning, objectives, characteristics, Merits and demerits (benefit and disadvantage)

Unit 4 Nationalization Policy:

Meaning, objectives. Merit and demerits, Nationalization policy experienced by United Kingdom and India. Cooperative economic system as a subordinate system. Cooperative economy experienced by Israel.

Basic Reading :

1. Dutt, Rudrar & K.P.M. Sundaram : Indian Economy, S. Chand & Co. Ltd . New Delhi.
2. Misra & Puri (2010) Indian Economy, Himalaya pub. House, New Delhi.
3. Agarwal A.N. Indian Economy, Vikas Publications, New Delhi.
4. R.B.I. Bulletin
5. Economic Survey of India.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory. 210 –B (Main-Optional)
Rural Development of India:-2

Objective: The main objective of the paper is to make the students familiar with the main problems of the rural economy of India. The course also aims to introduce the main organization and major development polices for rural development.

- Unit 1 Decreasing comparative (relative) share of agrarian economy in Indian economy. Share of agriculture in G.D.P. Share of agriculture in employment. Poverty eradivative programmes in rural area. Employments programmes for rural area. (MGNAREGA) Mahatma Gandhi National Rural Employment Guarantee Act and its implications.
- Unit 2 changing scenario of social structure in rural India. Increase in literacy rate, Migration for better opportunities (Migration from rural area to urban areas) Weakening of caste system and traditional employment structure of rural economy. Self Help Groups and economic empowement of women. Reservation of political representatives in panchayat for women. Changes in traditions and beliefs in rural area and their effects on modernization of agriculture.
- Unit 3 Importance of infrastructural development in rural economy. Road s and transportation, communication,e-governance,drinking water and sanitation, electricity, Social infrastructure, health facilities (chiranjivi yojana, Janani suraksha yojana (JSY), Janani shishu suraksha karyakram(JSSK),Literacy programme, Serve shikhsa Abhiyan, Adult and community education.
- Unit 4 Modernization of agriculture, agriculture co operative organization. Rural Banks - NABARD, Agricultural Marketing-APMC and co operative marketing organization, extension services and modernization of agr iculture.

Basic Reading :-

1. Chakravarty, Nihal chndra. Surveys and Plans for rural industries, Asia Publishing house, Bombay, 2002.
2. Arora, Ramesh K. and Rakesh Ahooja, Administration of Rural Development. Arihant, 2003.
3. Mahajan, V.S. Agriculture, Rural development and panchayati Raj. Deep and Deep Publication, 1996.
4. Annual Reports on NABARD. Agriculture situation in India, Monthly published by Ministry of Agriculture
5. Rao C,H. Hanumantha (1975) Agricultural growth. Rural Povert y and Environmental Degradation in India, Oxford University Press, New Delhi



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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester : 4 Economics
Core Compulsory. 210 –C (Main-Optional)
Quantitative Techniques -2

Objective:-The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

Unit 1 Central Tendency:

Measures of Central Tendency, mean, median, mode. Geometric mean and harmonic mean.

Unit 2 Dispersion:

Measures of dispersion: Range, Mean deviation, Quartile deviation, Standard deviation, coefficient of variation.

Unit 3 Time Series:

Meaning of time series, utility of study of time series, Analysis of time series, Components of time series, Trend, Seasonal and random components .

Unit 4 Index Number:

Meaning of Index number, Uses of Index number, construction of Index number, Laspeyres's, Paasche's and Fisher's Index number, Fisher's ideal index number, Limitations of Index number.

Basic Reading:-

1. Bhardwaj R.S., Business statistics, Excel Books, New Delhi.
2. Business statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Mathematical Analysis for Economists, Macmillan Press And ELBS, London.
4. Chiang A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.N., Elements of Statistics, S, Chand & co Ltd. New Delhi.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory. 210 -D(Main-Optional)
Investigation -2

Objective:-The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

- Unit. 1 Measures of Central Tendency and Dispersion:
Central tendency: meaning, functions of average, characteristics of good average, various measures of average, mean, medium, mode.
Measures of Dispersion: meaning and definitions. Range, Quartile deviation, Average deviation, standard deviation.
- Unit. 2 Correlation and Regression:
Meaning of correlation and regression, Types of correlation, Methods of studying correlation-(1)Scatter diagram (2) Karl Pearson's (3) Spearman's rank correlation. Interpretation of correlation coefficient. Equations of lines of regression, calculation of regression coefficients.
- Unit. 3 Time Series:
Meaning of time series, Utility of study of time series, Analysis of time series, Components of time series, Trend, seasonal and random components.
- Unit. 4 Index Number:
Meaning of index number, uses of index number, construction of Index Number. Laspeyres's, Paasche's and Fisher's Index number, Fisher's ideal index number, Limitations of index number

Basic Reading:-

1. Bhardwaj R.S., Business statistics, Excel Books, New Delhi.
2. Business statistics, Sudhir Prakashan, Ahmedabad.
3. Allen R.G.D., Mathematical Analysis for Edonomists, Macmillan Press And ELBS, London.
4. Chiang A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
5. Asthana B.n., Elements of Statistics, S, Chand & co Ltd. New Delhi.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester : 4 ECONOMICS
Core Elective/Allied (optional paper) 107
Theory and Practice of Co-operation

- Unit : 1** Co-operative set up and department set up in India. - Three tier structure primary level, District level state level, Federations – National co-operative federations. Power of registrar of co-operation.
- Unit : 2** Co-operation as an economics system : co-operation and capitalism, co-operation and socialism, co-operation and trade unions. Co-operation and partnership.
- Unit : 3** (a) Primary co-operative credit societies – district / central co-operative Banks – problems Faced by co-operative Banks.
(b) State and co-operative movement, conditions for success of co-operative movement.
- Unit : 4** Functions and working of co-operative societies :
- (1) Co-operative milk producer's union,
 - (2) Forest labour societies.
 - (3) Fishery co-operatives,
 - (4) Irrigation co-operatives,
 - (5) Fertilizer co-operatives.

સંદર્ભ સાહિત્ય :

૧. સહકાર દર્શન : શ્રી જગદીશભાઈ મુલાણી
૨. સહકાર : ડૉ. બી. ડી. પરમાર અને અન્ય
૩. સહકાર સિદ્ધાંત અને વ્યવહાર : યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૪. Co-operative Movement in India: - J. L. Raine
૫. Theory, History and Practice: - R. D. Bedi




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester : 4 ECONOMICS
Semester : 4 Core Elective- 108
Co-operative Management

- Unit : 1** (a) Co-operative management : Nature and Function.
(b) Role of leader in co-operative Management
- Unit : 2** (a) Placement and the role of board of directors in co-operative management. (b) Management of sugar co-operatives and consumer co-operatives
- Unit : 3** (a) Management of (i) co-operative rice mills, (ii) Labour contract and construction co-operatives (b) Industrial Relations in co-operatives
- Unit : 4** (a) Public Distribution : Role of co-operatives. (b) The National Bank for Agricultural and Rural Development. (NABARD)

સંદર્ભ સાહિત્ય :

1. સહકાર દર્શન : શ્રી જગદીશભાઈ મુલાશી
2. સહકાર ભાગ ૧ અને ૨ : યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
3. co-operative Movement in India :- J. L. Raine
૪. સહકારી કાયદો અને વ્યવસ્થાપન : યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
- 5 Theory, History and Practice. D. Bedi




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अर्थशास्त्र



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Structure of CBCS in Economics: Semester - IV

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-403 Core Coumpulsory	Economics Micro Economics - I	4	04 (03+01)	30	70	100	2:30
CC-404 Core Coumpulsory	Indian Economy	4	04 (03+01)	30	70	100	2:30
CC - 405 - A Core Coumpulsory	Economic System	4	04 (03+01)	30	70	100	2:30
CC - 405 B Core Coumpulsory	Rural Economy of India	4	04 (03+01)	30	70	100	2:30
CC - 405 C Core Coumpulsory	Quantitative Techniques	4	04 (03+01)	30	70	100	2:30
CC - 405 D Core Coumpulsory	Investigation	4	04 (03+01)	30	70	100	2:30
CE-303 Core Elective	Co-Operation in India	4	04 (03+01)	30	70	100	2:30
CE-304 Core Elective	Law of Co-Operation	4	04 (03+01)	30	70	100	2:30




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H.N.G.UNIVERSITY PATAN
S.Y.B.A, Semester: 4 Economics
Core compulsory -403 (Main)
Micro Economics -2

Objective: Object: - The main objective of the paper is to analyze the economic behavior of individual, Firm and Market. It is mainly concerned with U.G. Students.

Unit. 1 Market Structure-1 (Perfect competition & monopoly):

Meaning of perfect competition, short run and long run equilibrium of the firm and industry in perfect competition, Concept of monopoly, equilibrium of firm in the monopoly, Meaning and types of price discrimination, Possibility and profitability of price discrimination, Effect of monopoly.

Unit 2 Market structure-2 (Monopolistic competition):

Concept of monopolistic competition, price and output determination of firm under monopolistic competition, Equilibrium of group, Selling cost and its effect on demand curve, Comparison among perfect competition, monopoly and monopolistic competition, concept of oligopoly and duopoly.

Unit. 3 Distribution of National Income:

Marginal productivity theory of distribution, Modern theory of rent, collective bargaining theory of wages, concept and effects of minimum wages.

Unit: 4 Distribution and welfare economics:

- (a) Theories of profit: Theory of risk, theory of uncertainty, theory of innovations.
(b) Definition of welfare economics, Introduction of economic and non economic welfare, concept of individual welfare and social welfare, Introduction of pigou's welfare economics, problems in measuring welfare,

Basic Reading:

1. Ahuja H.L. Advance Economic theory, S, Chand & co Ltd. New Delhi.
2. Agrawal, H.S. Advance Economic theory, Konark pub, Pvt. Ltd. New Delhi.
3. Dewett, K.K. Modern Economic theory, S.Chand& G. Ltd. New Delhi.
4. Jhingan, M.L. Principle of economics, vrinda pub. Dehli.
5. Parkin, Michel (1990): Micro Economics, Addison Wesley pub. Co. New York.
6. અમીન આર.કે. “મૂલ્યનાં સિદ્ધાંતો” યુનિ.ગ્રંથ નિર્માણ બોર્ડ અમદાવાદ




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Semester: 4 ECONOMICS
Core Compulsory CC- 404(Main)
Indian Economy- 2

Object: The main objective of this paper is to introduce the basic concepts of Indian Economy. This paper is to make the students familiar with the main problems and characteristic of different sectors of Indian economy.

Unit 1 Planning

Achievements, limitations and lessons of Indian planning, meaning of Niti Ayog, its construction, objectives and functions.

Unit. 2 Agriculture

Role of agriculture in Indian economy. Causes of low productivity of agriculture in India. Land reforms, Role of credit in agricultural development, institutions providing credit to the agriculture sector, Regulated Agricultural Market. Green revolution in India; merit and demerits.

Unit -3 Industrial Sector

Importance of Industrial development in Indian economy. Trends of Industrial development. Importance and problems of Small scale and cottage industries in India. Measures of the development of small and cottage industry. Liberalized industrial policy in India.

Unit-4

Role of private sector, public sector and co-operative sector in the development of industrial and tertiary sector, special economic zone; concept of skill India, make in India and startup India.

Basic Reading:

1. Dutt, Rudrar & K.P.M. Sundaram: Indian Economy, S. Chand & Co. Ltd, New Delhi.
2. Misra & Puri (2010) Indian Economy, Himalaya pub. Hou, New Delhi.
3. Agarwal A.N. Indian Economy, Wiswas Parkas, New Delhi.
4. R.B.I. Bulletin
5. Economic Survey of India.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory CC - 405 -A (Main-Optional)
Economic Systems -2

Objective: - The objective of the paper is to make the students familiar with the basic philosophy and objects of different economic systems. The course also aims to introduce the merit and demerits of different economic systems.

Unit 1 Analysis of capitalism by Karl Marks. Crisis of capitalism illustrated by Karl Marks
Communism: Meaning, Nature and characteristics, Merits and demerits of
communism. Experience of communism in Russia and China.

Unit 2 **Socialism:**
Meaning, types (Utopian, Fabianism, Market Socialism) and characteristics. Lang's
and Taylor's Model of Market socialism, Relevance of Socialistic ideas in modern
world.

Unit 3 **Mixed economy:**
Meaning, objectives and Characteristics, Merits and demerits, Experience of India

Unit 4 **Nationalization Policy:**
Meaning, objectives. Merit and demerits. Nationalization policy experienced by
United Kingdom and India. Cooperative economic system as a subordinate system.
Co-operative economy experienced by Israel.

Basic Reading:

1. Dutt, Rudra & K.P.M. Sundaram: Indian Economy, S. Chand & Co. Ltd. New Delhi.
2. Misra & Puri (2010) Indian Economy, Himalaya pub. House, New Delhi.
3. Agarwal A.N. Indian Economy, Wiswas Parkas, New Delhi.
4. R.B.I. Bulletin
5. Economic Survey of India.




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S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory. 405-B (Main-Optional)
Rural Development of India:-2

Objective: The main objective of the paper is to make the students familiar with the main problems of the rural economy of India. The course also aims to introduce the main organization and major development policies for rural development.

Unit 1 Role of agricultural economy in the context of GDP and Employment. Poverty eradication programmes in rural area. Employment programmes for rural area: Mahatma Gandhi National Rural Employment Guarantee Act (MNREGA) and its implications.

Unit 2 Changing scenario of social structure in rural India: Increase in literacy rate, Migration for better opportunities (Migration from rural area to urban areas) Weakening of caste system and traditional employment structure of rural economy. Self Help Groups and economic empowerment of women. Reservation of political representatives in panchayat for women. Changes in traditions and beliefs in rural area and their effects on modernization of agriculture.

Unit 3 Importance of infrastructural development in rural economy, rural infrastructure: Roads and transportation, communication, e-governance, drinking water and sanitation, electricity, Social infrastructure, health facilities: Introduction of Ayushman Bharat Yojana and Pradhanmantri Janashiksha Yojana.

Unit 4 Modernization of agriculture, agriculture cooperative organization and its functions. Agricultural Marketing-APMC-and its functions and limitation extension services and modernization of agriculture.

Basic Reading:

1. Chakravarty, Nihalchandra. Surveys and Plans for rural industries, Asia Publishinghouse, Bombay.
2. Arora, Ramesh K. and Rakesh Ahooja, Administration of Rural Development. Arihant.
3. Mahajan, V.S. Agriculture, Rural development and panchayati Raj. Deep and Deep Publication.
4. Annual Reports on NABARD. Agriculture situation in India, Monthly published by Ministry of Agriculture
5. Rao C.H. Hanumantha (Agricultural growth. Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi




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H.N.G.UNIVERSITY PATAN
S.Y. B.A. SEMESTER: IV ECONOMICS
CORE COMPULSORY. 405-C (MAIN-OPTIONAL)
QUANTITATIVE TECHNIQUES -2

Objective:-the main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

UNIT 1

CENTRAL TENDENCY:

Measures of central tendency mean, medium, mode. Geometric mean and harmonic mean. Importance and limitation of mean medium & mode.

UNIT 2

DISPERSION:

Measures of dispersion: range, mean deviation, quartile deviation, standard deviation, coefficient of variation

UNIT 3

TIME SERIES:

Meaning of time series, utility of study of time series, analysis of time series, components of time series, trend, seasonal and random components. graphical method to find trend.

UNIT 4

INDEX NUMBER:

Meaning of index number, uses of index number, construction of index number, Laspeyre's Paache's and Fisher's index number, fisher's ideal index number, limitations of index number.

BASIC READING:-

- 1. Bhardwaj R.S. business statistics, excel books,new delhi.**
- 2. Business statistics, Sudhir Prakashan, Ahemdabad.**
- 3. Allen R.G.D., mathematical analysis for economists, Macmillian press and elbs, London.**
- 4. Chiang A.C., fundamental methods of mathematical economics, McGraw hill, New York.**
- 5. Asthana B.N., elements of statistics, S, Chand & co ltd. New Delhi.**




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H.N.G.UNIVERSITY PATAN
S.Y. B.A. SEMESTER: 4 ECONOMICS
CORE COMPULSORY. 405-D (MAIN-OPTIONAL)
INVESTIGATION -2

Objective:-the main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

UNIT 1 measures of central tendency and dispersion:

Central tendency: meaning, function of average characteristics of good average, various measures of average, mean, medium , mode.

UNIT 2 **CORRELATION**

Meaning of correlation and regression, types of correlation, methods of studying correlation- (1) scatter diagram (2) Karl Pearson's (3) spearman's rank correlation.

UNIT 3 **TIME SERIES:**

Meaning of time series, utility of study of time series, analysis of time series, components of time series trend, seasonal and random components, graphical and average moving methods for finding trend.

UNIT 4 **INDEX NUMBER:**

Meaning of index number, uses of index number, construction of index number, laspeyre's and fisher's index number, fisher's ideal index number, limitations of index number.

BASIC READING:-

6. **Bhardwaj R.S. business statistics, excel books, New Delhi.**
7. **Business statistics, Sudhir Prakashan, Ahemdabad.**
8. **Allen R.G.D., mathematical analysis for economists, Macmillan press and elbs, London.**
9. **Chiang A.C., fundamental methods of mathematical economics, McGraw hill, New York.**
10. **Asthana B.N., elements of statistics, S, Chand & co Ltd. New Delhi.**




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester ECONOMICS
Core Elective/Allied CE : 403(optional paper)
Theory and Practice of Cooperation

Objectives

- Unit 1 Cooperative set up and departmental set up in India. Three tier structure: primary level, District level state level. Federations National cooperative federation Power of registrar of cooperation
- Unit 2 Co-operation as an economics system: co-operation and capitalism, co-operation and socialism, cooperation and trade unions Cooperation and partnership
- Unit 3 (a) Primary co-operative credit societies / district central co-operative bank and its functions, Nagarik Co-Operative bank and its functions.
(b) State and cooperative movement, conditions for success of co-operative movement
- Unit 4 **Functions and working of cooperative societies:**
(1) Cooperative milk producer's union,
(2) Forest labour societies
(3) Fishery co-operatives,
(4) Irrigation co-operatives,
(5) Fertilizer co-operatives

સંદર્ભ સાહિત્ય:

૧. સહકાર દર્શન: શ્રી જગદીશભાઈ મુલાણી
૨. સહકાર: ડૉ.બી.ડી. પરમાર અને અન્ય
૩. સહકાર સિધ્ધાંત અને વ્યવહાર: યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૪. Co-operative Movement in India: J.T. Raine
- 5 Theory, History and Practice: R.D. Bedi




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester:4 ECONOMICS
Semester: 4 Core Elective CE - 404
Co-operative Management

Objectives

- Unit: 1 (a) Co-operative management: Nature and Function.
(b) Role of leader in co-operative Management
- Unit: 2 (a) Placement and the role of board of directors in co-operative management.
(b) Management of sugar co-operatives and consumer co operatives
- Unit : 3 (a) Management of (i) Primary Dairy co-operative (ii) Labour contract and construction co-operatives (b) Industrial Relations in co-operatives
- Unit:4 (a) Public Distribution : Role of co-operatives. (b) The National Bank for Agricultural and Rural Development (NABARD).

સંદર્ભ સાહિત્ય:

- ૧.સહકારદર્શન : શ્રીજગદીશભાઈમુલાણી
- ૨.સહકારભાગ૧અને૨:યુનિ. ગ્રંથનિર્માણબોર્ડ, પ્રકાશન
- ૩.Co-operative Movement in India: - J. L. Raine
- ૪.સહકારીકાયદોઅનેવ્યવસ્થાપન: યુનિ. ગ્રંથનિર્માણબોર્ડ, પ્રકાશન
5. Theory, History and Practice. D. Bedi




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अर्थशास्त्र



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Structure of CBCS in Economics: Semester - IV

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-403 Core Coumpulsory	Economics Micro Economics - I	4	04 (03+01)	30	70	100	2:30
CC-404 Core Coumpulsory	Indian Economy	4	04 (03+01)	30	70	100	2:30
CC - 405 - A Core Coumpulsory	Economic System	4	04 (03+01)	30	70	100	2:30
CC - 405 B Core Coumpulsory	Rural Economy of India	4	04 (03+01)	30	70	100	2:30
CC - 405 C Core Coumpulsory	Quantitative Techniques	4	04 (03+01)	30	70	100	2:30
CC - 405 D Core Coumpulsory	Investigation	4	04 (03+01)	30	70	100	2:30
CE-303 Core Elective	Co-Operation in India	4	04 (03+01)	30	70	100	2:30
CE-304 Core Elective	Law of Co-Operation	4	04 (03+01)	30	70	100	2:30




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H.N.G.UNIVERSITY PATAN
S.Y.B.A, Semester: 4 Economics
Core compulsory -403 (Main)
Micro Economics -2

Objective: Object: - The main objective of the paper is to analyze the economic behavior of individual, Firm and Market. It is mainly concerned with U.G. Students.

Unit. 1 Market Structure-1 (Perfect competition & monopoly):

Meaning of perfect competition, short run and long run equilibrium of the firm and industry in perfect competition, Concept of monopoly, equilibrium of firm in the monopoly, Meaning and types of price discrimination, Possibility and profitability of price discrimination, Effect of monopoly.

Unit 2 Market structure-2 (Monopolistic competition):

Concept of monopolistic competition, price and output determination of firm under monopolistic competition, Equilibrium of group, Selling cost and its effect on demand curve, Comparison among perfect competition, monopoly and monopolistic competition, concept of oligopoly and duopoly.

Unit. 3 Distribution of National Income:

Marginal productivity theory of distribution, Modern theory of rent, collective bargaining theory of wages, concept and effects of minimum wages.

Unit: 4 Distribution and welfare economics:

- (a) Theories of profit: Theory of risk, theory of uncertainty, theory of innovations.
(b) Definition of welfare economics, Introduction of economic and non economic welfare, concept of individual welfare and social welfare, Introduction of pigou's welfare economics, problems in measuring welfare,

Basic Reading:

1. Ahuja H.L. Advance Economic theory, S, Chand & co Ltd. New Delhi.
2. Agrawal, H.S. Advance Economic theory, Konark pub, Pvt. Ltd. New Delhi.
3. Dewett, K.K. Modern Economic theory, S.Chand& G. Ltd. New Delhi.
4. Jhingan, M.L. Principle of economics, vrinda pub. Dehli.
5. Parkin, Michel (1990): Micro Economics, Addison Wesley pub. Co. New York.
6. અમીન આર.કે. “મૂલ્યનાં સિદ્ધાંતો” યુનિ.ગ્રંથ નિર્માણ બોર્ડ અમદાવાદ




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Semester: 4 ECONOMICS
Core Compulsory CC- 404(Main)
Indian Economy- 2

Object: The main objective of this paper is to introduce the basic concepts of Indian Economy. This paper is to make the students familiar with the main problems and characteristic of different sectors of Indian economy.

Unit 1 Planning

Achievements, limitations and lessons of Indian planning, meaning of Niti Ayog, its construction, objectives and functions.

Unit. 2 Agriculture

Role of agriculture in Indian economy. Causes of low productivity of agriculture in India. Land reforms, Role of credit in agricultural development, institutions providing credit to the agriculture sector, Regulated Agricultural Market. Green revolution in India; merit and demerits.

Unit -3 Industrial Sector

Importance of Industrial development in Indian economy. Trends of Industrial development. Importance and problems of Small scale and cottage industries in India. Measures of the development of small and cottage industry. Liberalized industrial policy in India.

Unit-4

Role of private sector, public sector and co-operative sector in the development of industrial and tertiary sector, special economic zone; concept of skill India, make in India and startup India.

Basic Reading:

1. Dutt, Rudrar & K.P.M. Sundaram: Indian Economy, S. Chand & Co. Ltd, New Delhi.
2. Misra & Puri (2010) Indian Economy, Himalaya pub. Hou, New Delhi.
3. Agarwal A.N. Indian Economy, Wiswas Parkas, New Delhi.
4. R.B.I. Bulletin
5. Economic Survey of India.




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory CC - 405 -A (Main-Optional)
Economic Systems -2

Objective: - The objective of the paper is to make the students familiar with the basic philosophy and objects of different economic systems. The course also aims to introduce the merit and demerits of different economic systems.

- Unit 1 Analysis of capitalism by Karl Marks. Crisis of capitalism illustrated by Karl Marks
Communism: Meaning, Nature and characteristics, Merits and demerits of
communism. Experience of communism in Russia and China.
- Unit 2 **Socialism:**
Meaning, types (Utopian, Febionism, Market Socialism) and characteristics. Lang's
and tailor's Model of Market socialism, Relavance of Socialistic ideas in modern
world.
- Unit 3 **Mixed economy:**
Meaning, objectives and Characteristics, Merits and demerits, Experience of India
- Unit 4 **Nationalization Policy:**
Meaning, objectives. Merit and demerits. Nationalization policy experienced by
United Kingdom and India. Cooperative economic system as a subordinate system.
Co-operative economy experienced by Israel.

Basic Reading:

- 1.Dutt, Ruddar& K.P.M. Sundaram: Indian Economy, S. Chand & Co. Ltd. New Delhi.
2. Misra&Puri (2010) Indian Economy, Himalaya pub. Hou, New Delhi.
3. Agarwal A.N. Indian Economy, Wiswas Parkas, New Delhi.
4. R.B.I. Bulletin
5. Economic Survey of India.




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S.Y.B.A. Semester: 4 ECONOMICS
Core Compulsory. 405-B (Main-Optional)
Rural Development of India:-2

Objective: The main objective of the paper is to make the students familiar with the main problems of the rural economy of India. The course also aims to introduce the main organization and major development policies for rural development.

Unit 1 Role of agricultural economy in the context of GDP and Employment. Poverty eradication programmes in rural area. Employment programmes for rural area: Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGS) and its implications.

Unit 2 Changing scenario of social structure in rural India: Increase in literacy rate, Migration for better opportunities (Migration from rural area to urban areas) Weakening of caste system and traditional employment structure of rural economy. Self Help Groups and economic empowerment of women. Reservation of political representatives in panchayat for women. Changes in traditions and beliefs in rural area and their effects on modernization of agriculture.

Unit 3 Importance of infrastructural development in rural economy, rural infrastructure: Roads and transportation, communication, e-governance, drinking water and sanitation, electricity, Social infrastructure, health facilities: Introduction of Ayushman Bharat Yojana and Pradhanmantri Janashiksha Yojana.

Unit 4 Modernization of agriculture, agriculture cooperative organization and its functions. Agricultural Marketing-APMC-and its functions and limitation extension services and modernization of agriculture.

Basic Reading:

1. Chakravarty, Nihalchandra. Surveys and Plans for rural industries, Asia Publishinghouse, Bombay.
2. Arora, Ramesh K. and Rakesh Ahooja, Administration of Rural Development. Arihant.
3. Mahajan, V.S. Agriculture, Rural development and panchayati Raj. Deep and Deep Publication.
4. Annual Reports on NABARD. Agriculture situation in India, Monthly published by Ministry of Agriculture
5. Rao C,H. Hanumantha (Agricultural growth. Rural Poverty and Environmental Degradation in India, Oxford University Press, New Delhi




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H.N.G.UNIVERSITY PATAN
S.Y. B.A. SEMESTER: IV ECONOMICS
CORE COMPULSORY. 405-C (MAIN-OPTIONAL)
QUANTITATIVE TECHNIQUES -2

Objective:-the main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

UNIT 1

CENTRAL TENDENCY:

Measures of central tendency mean, medium, mode. Geometric mean and harmonic mean. Importance and limitation of mean medium & mode.

UNIT 2

DISPERSION:

Measures of dispersion: range, mean deviation, quartile deviation, standard deviation, coefficient of variation

UNIT 3

TIME SERIES:

Meaning of time series, utility of study of time series, analysis of time series, components of time series, trend, seasonal and random components. graphical method to find trend.

UNIT 4

INDEX NUMBER:

Meaning of index number, uses of index number, construction of index number, Laspeyre's Paache's and Fisher's index number, fisher's ideal index number, limitations of index number.

BASIC READING:-

- 1. Bhardwaj R.S. business statistics, excel books,new delhi.**
- 2. Business statistics, Sudhir Prakashan, Ahemdabad.**
- 3. Allen R.G.D., mathematical analysis for economists, Macmillian press and elbs, London.**
- 4. Chiang A.C., fundamental methods of mathematical economics, McGraw hill, New York.**
- 5. Asthana B.N., elements of statistics, S, Chand & co ltd. New Delhi.**




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H.N.G.UNIVERSITY PATAN
S.Y. B.A. SEMESTER: 4 ECONOMICS
CORE COMPULSORY. 405-D (MAIN-OPTIONAL)
INVESTIGATION -2

Objective:-the main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problem.

UNIT 1 measures of central tendency and dispersion:

Central tendency: meaning, function of average characteristics of good average, various measures of average, mean, medium , mode.

UNIT 2 **CORRELATION**

Meaning of correlation and regression, types of correlation, methods of studying correlation- (1) scatter diagram (2) Karl Pearson's (3) spearman's rank correlation.

UNIT 3 **TIME SERIES:**

Meaning of time series, utility of study of time series, analysis of time series, components of time series trend, seasonal and random components, graphical and average moving methods for finding trend.

UNIT 4 **INDEX NUMBER:**

Meaning of index number, uses of index number, construction of index number, laspeyre's and fisher's index number, fisher's ideal index number, limitations of index number.

BASIC READING:-

6. **Bhardwaj R.S. business statistics, excel books, New Delhi.**
7. **Business statistics, Sudhir Prakashan, Ahemdabad.**
8. **Allen R.G.D., mathematical analysis for economists, Macmillan press and elbs, London.**
9. **Chiang A.C., fundamental methods of mathematical economics, McGraw hill, New York.**
10. **Asthana B.N., elements of statistics, S, Chand & co Ltd. New Delhi.**




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester ECONOMICS
Core Elective/Allied CE : 403(optional paper)
Theory and Practice of Cooperation

Objectives

- Unit 1 Cooperative set up and departmental set up in India. Three tier structure: primary level, District level state level. Federations National cooperative federation Power of registrar of cooperation
- Unit 2 Co-operation as an economics system: co-operation and capitalism, co-operation and socialism, cooperation and trade unions Cooperation and partnership
- Unit 3 (a) Primary co-operative credit societies / district central co-operative bank and its functions, Nagarik Co-Operative bank and its functions.
(b) State and cooperative movement, conditions for success of co-operative movement
- Unit 4 **Functions and working of cooperative societies:**
(1) Cooperative milk producer's union,
(2) Forest labour societies
(3) Fishery co-operatives,
(4) Irrigation co-operatives,
(5) Fertilizer co-operatives

સંદર્ભ સાહિત્ય:

૧. સહકાર દર્શન: શ્રી જગદીશભાઈ મુલાણી
૨. સહકાર: ડૉ.બી.ડી. પરમાર અને અન્ય
૩. સહકાર સિધ્ધાંત અને વ્યવહાર: યુનિ. ગ્રંથ નિર્માણ બોર્ડ, પ્રકાશન
૪. Co-operative Movement in India: J.T. Raine
- 5 Theory, History and Practice: R.D. Bedi




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H.N.G.UNIVERSITY PATAN
S.Y.B.A. Semester:4 ECONOMICS
Semester: 4 Core Elective CE - 404
Co-operative Management

Objectives

- Unit: 1 (a) Co-operative management: Nature and Function.
(b) Role of leader in co-operative Management
- Unit: 2 (a) Placement and the role of board of directors in co-operative management.
(b) Management of sugar co-operatives and consumer co operatives
- Unit : 3 (a) Management of (i) Primary Dairy co-operative (ii) Labour contract and construction co-operatives (b) Industrial Relations in co-operatives
- Unit:4 (a) Public Distribution : Role of co-operatives. (b) The National Bank for Agricultural and Rural Development (NABARD).

સંદર્ભ સાહિત્ય:

- ૧.સહકારદર્શન : શ્રીજગદીશભાઈમુલાણી
- ૨.સહકારભાગ૧અને૨:યુનિ. ગ્રંથનિર્માણબોર્ડ, પ્રકાશન
- ૩.Co-operative Movement in India: - J. L. Raine
- ૪.સહકારીકાયદોઅનેવ્યવસ્થાપન: યુનિ. ગ્રંથનિર્માણબોર્ડ, પ્રકાશન
5. Theory, History and Practice. D. Bedi




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ECONOMICS



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B.A. Semester V Course 506
Macro Economics-I

Unit 1 National Income

Meaning, Definition, Various concepts of National income, Measurement & limitation

Unit -2 Classical Economics

J.B.Say's law, wages prize, employment, Pigous law. Kayansiy an criticism of classical economics.

Unit 3 Keynesian Theory

Equilibrium at full employment and underemployment. Marginal efficiency of capital, Marginal propensity to consume.

Unit -4 Quantitative theory of money

Fisher, Cambridge, Milton fridmen.

Reference Books:-

1. Gupta, S.B. (1994), Monetary Economics S.Chand and co. Delhi.
2. Ackley, G. (1976), Macroeconomics: Theory and Policy. Macmillan, New York.
3. Heijdra, B.J. and F.V. Ploeg (2001) Foundation of modern macroeconomics, Oxford University Press, Oxford.
4. Powelson, J.P.C. (1960) National Income and flow of funds Analysis, Megraw hill, New York.
5. Kindleberger, G.P. (1958) Economic Development, McGraw - Hill Book company, New York.
6. Hanson, A.H. (1953) A Guide to Keynes, McGraw hill, New York.




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Semester:- V Course- 507
INTERNATIONAL ECONOMICS

PREAMBLE

This course provides the students a thorough understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level. The contents of the Paper spread over various modules, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last decade. Besides this, the contents prepare the students to know the impact of free trade and tariffs on the different sectors of the economy as well as at the macro level. The students would also be well trained about the rationale of recent changes in the export-import policies of India.

Unite 1: Introduction & Theories of International Trade:

International economics- meaning, Scope & Importance, meaning of Inter-regional and international trade, Adam Smith's absolute cost advantage theory, David Ricardo's Comparative cost advantage theory.

Unite 2: Theories of International Trade:

Haberler's opportunity cost theory, Heckscher-Ohlin theory, Leontief's paradox,

Unite 3 : Gains from Trade:

Gains from trade -Their measurement of gains, Trade as an engine of economic growth, Terms of trade –concepts, Importance & types, The theory of reciprocal demand, Offer curves and terms of trade, Causes of unfavorable terms of trade to less developed countries.

Unite 4 : Trade policy:

Free trade policy - case for and against, Protections – case for and against, Types of tariffs and quotas – Their impact in partial equilibrium analysis.

BASIC READING LIST

1. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
3. Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice -Hall, Upper SaddleRiver, N.J.
5. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.

ADDITIONAL READING LIST

1. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
2. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
3. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
4. Panchmukhi, V.R. (1978), Trade Policies of India : A Quantitative Analysis, Concept Publishing Company, New Delhi.
5. Patel, S.J. (1995), Indian Economy Towards the 21st Century, University Press Ltd., India.




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Public Economics

Objective: - to aware the students with fundamentals of fiscal policy, fiscal federalism and public economics.

Unit. 1.

Theory of fiscal federalism, practice of fiscal federalism with special reference to India. Main principles of fiscal federalism in India, finance commission.

Unit 2.

Nature and scope of public finance, public goods v/s private goods. Spill over benefits & spill over cost. Principle of maximum social advantage, market failure, role of government.

Unit 3.

Objectives of fiscal policy, major instruments of fiscal policy. Limitations of fiscal policy, Limitations of fiscal policy with reference to developing countries.

Unit 4.

Deficit financing, its meaning, budgetary deficit and fiscal deficits. Revenue deficit, need for fiscal deficit in developed and developing countries. Limitations of / adverse effects of deficit financing. Agriculture income tax in developing countries (advantage &disadvantage), its effects.




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B.A. Semester-5 Course CC 509 (A)

Development and Environmental Economics

Unit 1.

Meaning of economic growth and development. Indicators and measurements of development. National and per capita income - GDP & GNP, minimum needs Physical Quality of Life Index. Human Development Index.

Unit 2.

Growth models- nature, scope and limitations of growth models. Some important growth models. Keynes, Harrod - Domar, W.W.Rostow's stages of growth.

Unit 3.

Theories of development. Classical theory of development. Ricardo, Karl Marx theory of social change, crisis in capitalism, Schumpeter and capitalistic development.

Unit 4

Ecology and environment, flora and fauna. National resources: Land mines and minerals, forest its importance. Industrial revolution and materialistic approach. Environment and economy linkage.




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B.A. Semester 5 Course 509 (B)

Economics of Developing Countries

Unit 1

Meaning of under development and developing economy. Characteristics of under developed economy, changing structure of economy, changing importance of economic sectors.

Unit 2

Population, demographic transition- population policy, relation between population and economic development.

Poverty: Concept of poverty line, indicators of poverty, nature and causes of poverty, critical view of anti- poverty policy and programmes.

Unit 3

Unemployment: Nature and causes of unemployment and under employment in developing countries. Employment policies, relationship between population, poverty and unemployment.

Unit 4

Agriculture: technological changes and institutional changes in agriculture, their impact on productivity, role of credit in agricultural development. (Role of co-operative credit system, commercial Banks and Nabard)




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B.A. Semester 5 Course 509 (C)

Economy of Gujarat-1

Unit -1 Demography

Demography of Gujarat. Total Population, growth rate, birthrate & mortality rate, rural urban population, literacy rate, life expectancy, child mortality rate, sex ratio, women empowerment and female welfare awareness programmes.

Unit -2 Natural resources.

Land, Water, Forest, Minerals & Mines, Biodiversity, Sea -shore use and over use of natural resources. Problems of Soil degradation, water levels and decreasing forest and bio-diversity. Measures to protect natural resources and environment, watershed and water harvesting programmes. Forest conservation and social forestry, soil conservation.

Unit-3. Agricultural Sector of Gujarat-Crop Pattern

Main crops production. Irrigation facility, Sujalam-suflam. Extension services. Growth of agriculture. Agricultural labour, Horticulture, floriculture, electricity for agriculture.

Unit-4. Industrial Sector-Major Industries.

Industrial growth. Vibrant Gujarat and industrial investments, SEZ, SIR (Special Investment Regions) Golden Corridor, Industrial estates, Industrial & Technology Park. Main industries of Gujarat.




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B.A. Semester V Course 509 (D)

Economic Essay-1 (Principles)

Note: - There are four Modules. Each module has four essays; student has to write total two essays, one from module 1 & module 2 and other from module 3 & module 4. First module shall be in option of module 2 and third module shall be in option of module 4.

Unit 1

1. Theory of demographic Transition
2. Economics of Keynes.
3. Evolution of International Trade Theory.
4. Wage Theories.

Unit 2

- 1 Theories of Profit
- 2 Theories of Rent
- 3 Emergence Growth and Principles of Co-operation.
- 4 Economic Thought of Mshatma Gandhi

Unit 3

- 1 Post Keynesian Macro Economics.
2. Contribution of Alfraid Marshall in Micro Economics.
3. Theories of Interest.
4. Measurements of Economic Growth.

Unit 4

1. Rostov's Stages of Economic Growth.
2. Objectives and tools of Monetary Policy.
3. Objectives and tools of Fiscal Policy.
4. Protective v/s free trade policy.




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B.A Semester V Course 510 (A)
Co-operation

Unit.1 Introduction

Meaning and definition of co-operation. Principles of co-operation, meaning, objectives and types of co-operative societies. Origin and Development of co-operation, Achievements and limitations of co-operation.

Unit.2 Co-operation and Development

Role of co-operative movement in the Development of Rural area and Agriculture. Co-operation in panchayati Raj, co-operative education & training- goals and organization. Recommendations of Va idyanathan committee report.

Unit 3 Organization of co-operative Societies

Registration process of society. General body, Responsibilities and liabilities of authorities, inspection and Audit, Management of cash balances of co-operative societies, Accounts of co-operative.

Unit 4 Co-operation in Foreign countries

Consumer co-operative societies in Britain, Dairy co-operative societies in Denmark and Sweden, Co-operative Communities in Israel. Industrial co-operative in France.




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B.A. Semester V Course 510 (B)
History of Economic Thought-1

Unit 1

Meaning of school as an Ideology, different economic schools and their Historical school: Senior list main thoughts. Economic thought of Plato and Aristotle, Plato's thoughts on socialism ideal town for socialism.

Unit 2

Mercantilism. Characteristics, sound state and sound economy. Surplus in Foreign trade and imports and stock of gold. Physiocrates, natural order, primacy of agriculture, tableau economic taxation. Economic ideas of petty, Locke and David Hume.

Unit 3

Adam Smith : Divisions of labour , theory of value, capital accumulation, trade theory of absolute cost difference, invisible hand, importance of free market, David Recardo : trade theory of comparative cost difference, theory of rent. Thomas Malthus : Theory of population.

Unit 4

German romantics and socialists. Sismondi, Karl Marks : dynamics of social change, surplus value, crisis of capitalism, utopian thoughts on socialism, Fabianism, socialism. Demographic socialism -Barbara Wooten.

Books Economic Thinkers of the world. Mark publication Jaipur. Dr. G.D. Tripathi.



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B.A. Semester V Course 510 C
Demography

Unit-1

Population study and demography, relation with other disciplines. Importance of the study of demography. Economics, education and human resource, health, geography, sociology, statistics, industry, commerce, management.

Unit 2

Theories of population, Malthus optimum theory of population. Theory of demographic transition. Historical evidence of population growth in developed and developing countries during 20th century. Amazing decline in mortality rate and population explosion problem.

Unit 3

Sources of demographic data in India. Population census in India. Civil registration system, demographic survey, National Family Health Survey 1 and 2 their relative merits and demerits

Unit 4

Population census 2001 and 2011. Birth rate, mortality rate and growth rate, sex ratio, infant mortality rate, life expectancy, rural urban distribution, caste and religion, literacy rate, age group and productive and unproductive population.




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**B.A. Semester:- V Course 510 (D)
ECONOMIC INVESTIGATION**

Preamble

The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problems.

Unit :-1 Set Theory

Concepts of sets, Types of sets, Universal set, Union of sets, Intersection of sets, Difference of sets, Venn diagram, Simple illustrative examples.

Unit:-2 Probability

Classical and statistical definition of probability , Addition and multiplication theories on probability (with proofs based on Venn diagram), Simple illustrative examples.

Unit:-3 Limit and differentiation.

Meaning of limit, $x \rightarrow \alpha$, $x \rightarrow -\alpha$, $x \rightarrow 0$, $x \rightarrow a$, Limit of a function, Rules of limit, Simple illustrative examples.

Meaning of differentiation, Rules of derivatives, Simple examples.

Unit:- 4 Applications of simple derivatives.

Applications of derivatives to economic problems – Elasticity of demand – Total, marginal and average cost and revenue, Maxima and Minima of a function of two variable, illustrative examples for economic application in perfect competition, monopoly and monopolistic competition.

Basic Reading:

1. Mehta-Madnani, Mathematics for Economics, Sultan Chand & sons, New -Delhi
2. R.S.Bhardwaj, Business Statistics, Excel Books, New -Delhi.
3. Das M.N. , Statistical Methods and Concepts, New Age International, Delhi.
4. Gupta, S.P., statistical methods, S. Chand and Co., Delhi.
5. Kalimantan, K.P., Applied Econometrics, Oxford & IBH. Delhi.
6. Mehta, B.C. and Mehta, A.C. ,Fundamental Econometrics, Himalaya Publishing house, Bombay.
7. Simpson, G and Kafka, Fritz. , Basic Statistics, Delhi.
8. Srivastava, U.K. at all. , Quantitative Techniques for Managerial Decision, New Age International, Delhi.




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अर्थशास्त्र



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Structure of CBCS in Economics: Semester - V

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-506 Core Coumpulsory	Macro Economics	4	04 (03+01)	30	70	100	2:30
CC-507 Core Coumpulsory	International Economics	4	04 (03+01)	30	70	100	2:30
CC - 508 Core Coumpulsory	Public Economics	4	04 (03+01)	30	70	100	2:30
CC - 509 A Core Coumpulsory	Dev. & Envi. Economics	4	04 (03+01)	30	70	100	2:30
CC - 509 B Core Coumpulsory	Eco. Of Developing Countries	4	04 (03+01)	30	70	100	2:30
CC - 509 C Core Coumpulsory	Economy of Gujarat - I	4	04 (03+01)	30	70	100	2:30
CC-509 D Core Coumpulsory	Economic Essay - I	4	04 (03+01)	30	70	100	2:30
CC-510 A Core Coumpulsory	Co- Operation	4	04 (03+01)	30	70	100	2:30
CC-510 B Core Coumpulsory	History of Eco. Thoughts	4	04 (03+01)	30	70	100	2:30
CC-510 C Core Coumpulsory	Demography	4	04 (03+01)	30	70	100	2:30
CC-510 D Core Coumpulsory	Economic Investigation	4	04 (03+01)	30	70	100	2:30
CC-510 E Core Coumpulsory	Economic Survey	4	04 (03+01)	30	70	100	2:30




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B.A. Semester V Course CC - 506

Macro Economics-I

Objectives:

- To understand the basic concepts of economy terminology various school of thoughts
- To develop analytical ability of students about theories based study

Unit I **National Income**

Meaning, Definition, Various concepts of National income, Measurement & limitation

Unit -2 **Classical Economics**

J.B. Say's law, wages prize, employment, Pigous law. Kayansiyan criticism of classical Economics.

Unit 3 **Keynesian Theory**

Equilibrium at full employment and underemployment. Marginal efficiency of capital, Marginal propensity to consume.

Unit -4 **Quantitative theory of money**

Fisher, Cambridge, Milton Fridmen.

Reference Books:

1. Gupta, S.B. (1994), Monetary Economics S.Chand and co. Delhi.
2. Ackley, G. (1976), Macroeconomics: Theory and Policy. Macmillan,New York.
3. Heijdra, B.J. and F.V. Ploeg (2001) Foundation of modernmacroeconomics, Oxford University Press, Oxford.
4. Powelson, J.P.C. (1960) National Income and flow of funds Analysis,Megraw hill, New York.
5. Kindleberger, G.P. (1958) Economic Development, McGraw-Hill Bookcompany, New York.
6. Hanson, A.H. (1953) A Guide to Keynes, McGraw hill, New York.
- 7- Dr G.D. Tripathi, Advanced Economics Theory, Mark Publication, Jaipur




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Semester:- V Course CC - 507

INTERNATIONAL ECONOMICS

PREAMBLE

- This course provides the students a thorough understanding and deep knowledge about the principles that tend to govern the free flow of trade in goods and services at the global level.
- The contents of the Paper spread over various modules, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last decade. Besides this, the contents prepare the students to know the impact of free trade and tariffs on the different sectors of the economy as well as at the macro level. The students would also be well trained about the rationale of recent changes in the export-import policies of India.

Unite 1: **Introduction & Theories of International Trade:**

International Economics- meaning, Scope & Importance, meaning of Inter-regional and international trade, Adam Smith's absolute cost advantage theory, David Ricardo's Comparative cost advantage theory.

Unite 2: **Theories of International Trade:**

Haberler's opportunity cost theory, Heckscher-Ohlin theory, Leontief's paradox,

Unite 3: **Gains from Trade:**

Gains from trade -Their measurement of gains, Trade as an engine of economic growth, Terms of trade concepts, Importance & types, The theory of reciprocal demand, Offer curves and terms of trade.

Unite 4: **Trade policy:**

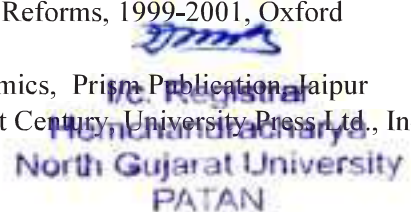
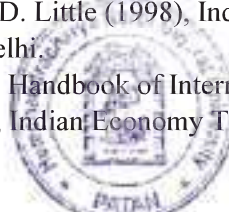
Free trade policy: meaning, advantage and disadvantage. Protection Policy: meaning, advantage and disadvantage. Types of tariffs and quotas - Their impact in partial equilibrium analysis.

BASIC READING LIST

1. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindlberger, C.P.(1973), International Economics, R.D. Irwin, Homewood,
3. Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice-Hall, Upper SaddleRiver, N.J.
5. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.

ADDITIONAL READING LIST

1. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
2. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
3. Joshi V. and LM.D. Little (1998), India's Economic Reforms, 1999-2001, Oxford University Press, Delhi.
- 4- Dr G.D. Tripathi, Handbook of International Economics, Prisma Publication, Jaipur
5. Patel, S.J. (1995), Indian Economy Towards the 21st Century, University Press Ltd., India.



B.A. Semester V Course-CC- 508
Public Economics

Objective: -

- To aware the students with fundamentals of fiscal policy.
- To make students to understand fiscal federalism and public Economics.

Unit. 1.

Theory of fiscal federalism, practice of fiscal federalism with special reference to India. Main principles of fiscal federalism in India, current finance commission

Unit 2.

Nature and scope of public finance, public goods v/s private goods. Spill over benefits & spill over cost. Principle of maximum social advantage, market failure, role of government.

Unit 3.

Objectives of fiscal policy, major instruments of fiscal policy. Limitations of fiscal policy, Limitations of fiscal policy with reference to developing countries.

Unit 4.

Deficit financing, its meaning, budgetary deficit and fiscal deficits. Revenue deficit, need for fiscal deficit in developed and developing countries. Limitations of/ adverse effects of deficit financing. Agriculture income tax in developing countries : advantage & disadvantage and its effects.

Reading list:

1. Richard A. MUSGRAVE & PEGGY B MUSGRAVE, Public finance in theory and practice
2. K.K.Dewtt and M.H. MAVALUR, modern Economy theory , S. Chand, Delhi
3. H.L. ahvia, modern Economics, S. Chand Delhi
4. S.K.Singh, Public finance, S Chand, Delhi
5. MUSGRAVE R.A.: The Theory of public finance – MCGRAW, Hill Book Company
6. Mithani D.M. : Modern Public finance : Theory and practice – Himalaya Publishing house
7. Bhatiya H.L. : Public finance Vikas Publishing house pvt.Ltd, New Delhi
8. Jha.R, Modern Public finance, Rutledge, London
9. મહેશ ભટ્ટ, જાહેર વલ્તવ્યવસ્થા સલ્કાંતો, યુનિ. ગ્રંથ નલર્માર્ણ બોર્ડ, અમડાવાડ
10. રવલશંકર ત્રલવેડી (અનુવાડલત); , જાહેર અર્થવલધાનના સલ્કાંતો, યુનિ. ગ્રંથ નલર્માર્ણ બોર્ડ, અમડાવાડ




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B.A. Semester-5 Course CC - 509 (A)
Development and Environmental Economics

Objective: -

- To aware the students with fundamentals of concepts of development and Environment.
- To make students to understand various issues , policies and impacts of developmental and Environmental Economics.

Unit 1.

Meaning of economic growth and development. Indicators and measurements of development : National and per capita income, minimum needs, Physical Quality of Life Index, Human Development Index. Introduction of SDGs.

Unit 2.

Growth models- nature, scope and limitations of growth models. Some important growth models: neoclassical, Harrod- Domar, W.W.Rostow's stages of growth.

Unit 3.

Theories of development: Classical theory of development. Ricardo, Karl Marx theory of social change, crisis in capitalism, Schumpeter and capitalistic development.

Unit 4

Ecology and environment, flora and fauna. Natural resources: importance of water, Land minerals and forest. Industrial revolution and materialistic approach. Environment and economy linkage.

Readings list:

- 1- Tripathi G.D. Economics of Development, Mark Publication, Jaipur
- 2- Dr G.D Tripathi, Environmental Economics of Business, Prism BOOKS India, JAIPUR
- 3- Dr K.S Chhaya, AARDHIK VIKAS EVAM SANSADHAN PARIVARTAN, Mark Publishers Jaipur




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B.A. Semester 5 CC-509 (B)
Course 509 (B)
Economics of Developing Countries

Objective: -

- To aware the students with fundamentals economic problems of development economies.
- To facilitate the students to understand problems and remedies of developing economies.

Unit 1

Meaning of under development and developing economy. Characteristics of under developed economy, changing structure of economy.

Unit-2

Concept and Primary introduction: PQLI, Human poverty Index, Human Development Index, Gender Development Index, National happiness Index

Unit 3

(A) Population, Theory of demographic transition, population policy.

(B) Poverty: Concept of poverty line, indicators of poverty, nature and causes of poverty, critical view of anti- poverty policy and programmes.

Unit 4

(A) Unemployment: Nature and causes of unemployment and under employment in developing countries.

(B) Agriculture: technological changes and institutional changes in agriculture, role of credit in agricultural development, NABARD.

READING LIST:

- 1- ADELMAN I, Theories of Economic Growth and Development, Standford University, press, Standford
- 2- Chenery H and T N Srinivasan (EDs) Handbook of Development Economics, Vol-I
- 3- Myint H, Economic Theory and Underdeveloped countries, Oxford University Press, New York
- 4- Rudra dutt, Indian Economy, S. Chand Publication, New Delhi
- 5- Dr Tripathi G.D., Research in Economics of Planning and Development, Mark Publication




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B.A.Semester 5 CC - 509 (C)

Economy of Gujarat-1

Objective: -

- To understand the demographical situation, its features of concerned economy.
- To make students to understand various socio-economic problems, availability of natural resources and problems of the economy.

Unit - 1 **Demography**

Demography of Gujarat: Current growth rate, birthrate & mortality rate, rural urban population, literacy rate, life expectancy, child mortality rate, sex ratios and reason behind it.

Unit-2 **Natural resources.**

- Land: Characteristics, its uses and related problems
- Forest: Characteristics, its uses and related problems
- Minerals: Characteristics, its uses and related Problems
- Sea shore: Characteristics, its uses and related problems
- Concept of Biodiversity and water harvesting (Check Dem, khettalavadi)

Unit-3. **Agricultural Sector of Gujarat-Crop Pattern**

Main crops production. Irrigation facility, Sujalam-suflam. Extension services. Growth of agriculture. Agricultural labour related issues. Horticulture, floriculture, electricity for agriculture.

Unit-4. Trend of Industrial growth, Vibrant Gujarat and industrial investments. Introduction of SEZ, SIR(Special Investment Regions), Golden Corridore, Industrial estates and Industrial & Technology Park. Main industries of Gujarat.

READING LIST:

- 1- GUJARAT Nu AARTHTRANTRA- Popular Prakashan Surat
- 2- GREEN Economics, Robin hahnel, GreenEconomics, Reference, New Delhi.
- 3- R.R. Das, Fundamentals of Environmental science, paragon international publishers, Delhi
- 4- Michael, P Tudaro, Economic Development, Addison –Wesley, Delhi.
- 5- Hanely, N.J. F. Shogeren and B. White, Environmental Economics in theory and practice, Macmillan
- 6- Field, Berly and Martha Field, Environmental Economics: An Introduction, Tata McGraw Hill.
- 7- Sankar, U.(ed), Environmental Economics, Cambridge University Press, Cambridge.
- 8- પર્યાવરણીય અર્થશાસ્ત્ર: એક પરિચય, સુદર્શન આયંગર અને નિમિષા શુક્લ, ગુજરાતવિદ્યાપીઠ.




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B.A. Semester V CC- 509 (D)
Economic Eassay-1 (Principles)

Objectives:

- To make familiar with the current issues of Indian Economy and theory
- To improve their skill of presentation on various socio-economic and theoretical aspects

Note: - There are two Modules. Each module has four essays; student has to write total two essays, one from module 1 and other from module 2.

- Unit 1
1. Theories of population
 2. Economics of Keynes.
 - 3.Theories of Profit
 4. Theories of Rent
- Unit 2
- 1.Economic thought of Mahatma Gandhi
 2. Poverty in India
 - 3 GST
 - 4 co-operative sector in India




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B.A Semester V CC - 510 (A)
Co-operation

Objective: -

- To understand various concepts, theories and principles of co-operation
- To make students aware about the process and rules of co-operation in India aboard

Unit.1 Introduction

Meaning and definition of co-operation. Principles of co-operation, meaning and types of co-operative societies. Origin and Development co-operation, Achievements and limitations of co-operation.

Unit.2 Co-operation and Development

Role of co-operative movement in the Development of Rural area and Agriculture. Co-operation in panchayati Raj, co-operative education & training- goals and organization. Recommendations of Vaidyanathan committee report.

Unit 3 Organization of co-operative Societies

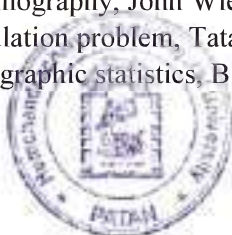
Registration process of society. Powers of General body, power and function of executive body, Accounts of co-operative. Inspection and Audit.

Unit 4 Co-operation in Foreign countries

Consumer co-operative societies in Britain, Dairy co-operative societies in Denmark and Sweden, Co-operative Communities in Israel. Industrial cooperative in France.

READING LIST:

1. A.K. Shivkumar and others, Handbook of Population and development, oxford University Press, New Delhi, 2010
2. Kenneth c.w. Kamneyer and Hellen Ginn, An introduction to Population, Archives Books,1988
3. Gaurat Dutt and Ashwini Mahajan, Indian Economy, S Chand ,New Delhi
4. Bogve,D.J. Principles of Demography, John Wiew, New York
5. Agarwala S.N., India's Population problem, Tata mcgraw-Hill co, Bombay
6. Bose.A, India's Basic Demographic statistics, B.R. publishing core, New Delji
7. Census of India.



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B.A. Semester V CC - 510 (B) History of Economic Thought-1

Objectives : 1) To make the students familiar with the historical perspectives of Economic Ideologies.
2) to make the students aware about various theories and schools of thoughts.

- Unit 1 Meaning of school as an ideology: different economics schools and their Historical schools: Senior list main thoughts. Economic thought of Plato and Aristotle, Plato's thoughts on socialism, ideal town for socialism.
- Unit 2 Mercantilism. Characteristics, sound state and sound economy. Surplus in foreign trade and imports and stock of gold. Physiocrates, natural order, primacy of agriculture, tableau economic taxation. Economic ideas of petty, Locke and David Hume.
- Unit 3 Adam Smith: Divisions of labour, theory of value, capital accumulation, trade theory of absolute cost difference, invisible hand, importance of free market, David Ricardo: trade theory of comparative cost difference, theory of rent. Thomas Malthus: Theory of population.
- Unit 4 German romantics and socialists. Sismondi, Karl Marks: dynamics of social change, surplus value, crisis of capitalism, utopian thoughts on socialism, Fabianism, socialism. Demographic socialism – Barbara Wootton

Reading list:

- 1- Economic Thinkers of the world. Mark publication Jaipur. Dr. G.D. Tripathi.
- 2- Backhouse, R. A: History of Modern Economic Analysis, Basil Blackwell, Oxford, 1985
- 3- Hajela, T.N.: History of Economic Thought, Ane Books, India,
- 4- Hunt, E.K.: History of Economic Thought, A Critical Perspective. M.E. Sharpe; 2 edition (September 2002)
- 5- Roll, E: A History of Economics Thought, Faber, London 1973
- 6- Schumpeter, J.A.: History of Economic Analysis, Oxford University Press, New York 1954
- 7- Stanley L. Brue: The Evolution of Economic Thought, The Dryden Press Sixth Edition (2000)
- 8- Screpanti Ernesto and Stefano Zamagni (2006), An outline of the History of Economic thought, Oxford Uni. Press




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B.A. Semester V Course 510 C Demography

Objectives:

- To make students aware about socio-cultural and economic aspects of our economy
- To improve their understanding of various theories on problems and their solutions

Unit 1

- Importance of the study of Demography
- Demography and its relations with other Discipline
 - (1) Demography and economics
 - (2) Education, health and population
 - (3) Geography and population
 - (4) Sociology and Population
 - (5) Industries, commerce and population

Unit 2

Theories of population: Malthus optimum theory of population. Theory of demographic transition. Historical evidence of population growth in developed and developing countries during 20th century. Amazing decline in mortality rate and population explosion problem.

Unit 3

Sources of demographic data in India. Population census in India. Civil registration system, demographic survey, National Family Health Survey 1 and 2 - their relative merits and demerits

Unit 4

Indian Population census 2001 and 2011. Birth rate, mortality rate and growth rate, sex ratio, infant mortality rate, life expectancy, rural urban distribution, caste and religion, literacy rate. age group: productive and unproductive population. Inter State Comparison of the census.

Reading list:

1. A.K. Shivkumar and others, Handbook of Population and development, oxford University Press, New Delhi, 2010
2. Kenneth c.w. Kamneyer and Hellen Ginn, An introduction to Population, Archives Books, 1988
3. Gaurat Dutt and Ashwini Mahajan, Indian Economy, S Chand ,New Delhi
4. Bogve,D.J. Principles of Demography, John Wiew, New York
5. Agarwala S.N., India's Population problem, Tata mcgraw-Hill co, Bombay
6. Bose.A, India's Basic Demographic statistics, B.R. publishing core, New Delhi
7. Census of India.




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B.A. Semester: - V CC - 510 (D)
ECONOMIC INVESTIGATION

Objective:

The main objective of this paper is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic. Problems.

Unit: - 1 Set Theory

Concepts of sets, Types of sets, Universal set, Union of sets, Intersection of sets, Difference of sets, Venn diagram, Simple illustrative examples.

Unit: - 2 Limit and differentiation.

Meaning of limit, $x \rightarrow \alpha$, $\rightarrow x \rightarrow \alpha$, $x \rightarrow 0$, $x \rightarrow \alpha$, Limit of Function, Rules of limit, simple Illustrative examples. Meaning of differentiation, Rules of derivative, simple example.

Unit: - 3 Application of simple derivatives

Application of derivatives to solve economic problem, Elasticity of demand; Total, marginal and average cost and revenue, maxima and minima of a function of two variable, illustrative examples for economic application in perfect computation, monopoly and monopolistic competition.

Unit: - 4 Determinant and matrix

Determinant: Meaning & Value

Matrix:- Meaning, types, inverse matrix, application of matrix, solution of simultaneous equation through inverse matrix and crammer's rules

Basic Reading:

1. Mehta- Madnani, mathematics for economics, sultan chand & sons, new-Delhi
2. R.S Bhardwaj, Business statistics, Excel Books, New-Delhi.
3. Das M.N, Statistical methods and concepts, New age International, Delhi.
4. Gupta, S.P, statistical methods, S. chnad and Co., Delhi.
5. Kalimantan K.P., applied econometrics, Oxford & IBH. Delhi.
6. Mehta, B.C. and Mehta, A.C, fundamental economics, Himalaya publishing house, Bombay.
7. Simpson, G and Kafka, feitz., Basic statistics, Delhi.
8. Srivastava, U.K. at all., Quantitative Techniques For Managerial Decision, New Age International, Delhi.




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B.A. Semester: - V CC – 510 (E)

CC 510 [E] (optional)

Survey, Research Related Economic Institutions and publication -1

- Objectives :**
- 1) Students should get primary knowledge about some research concept.
 - 2) Students should be familiar with some socio-economic institutions.
 - 3) students should familiar with some important publication which will be helpful for future research activities.

Unit -1	Concept of research, concept of social science research, use of social science research, Introduction of Experimental Research, Analytical study, Historical research and survey.
Unit 2	Meaning of survey, types of survey, characteristics of survey method, subject matter of survey meaning of socio-Economic survey, meaning of questioner, Characteristics of Good questioner, structure of the report writing, survey protocols.
Unit -3	Brief Introduction: National sample survey office, ICSSR, office of the Registrar General and census Commissioner – India, Directorate of Economic-statistics Gujarat. S.P.I-Amdavad, Data.gov.in
Unit 4	Introduction of the socio economic publication: World Development Report, world Human Development Report, world Happiness Report, Indian Economic survey, Census of India, socio Economic survey of Gujarat. RBI BULLETIN

Reading List

1. O. R Krishna swami and m. Ranganathan, methodology of Research in social sciences, Himalaya publishing House.
2. General Guthrie, Basic Research method, sage Publication, Delhi
3. Matthew David & Carole D. Suttion, Social Research Sage Publication, New Delhi
4. Bill Taylor and others, Research methodology Prentice Hall of India, New Delhi
5. શાહ, વિમળ પી(1994) સંશોધન અહેવાલ લેખન, યુનિ. ગ્રંથ નિર્માણ બોર્ડ
6. અભિદ્રષ્ટિના સંશોધન વિશેષાંક, સંપાદક: ડૉ. રોહિત શુક્લ, દ્રષ્ટિ ફાઉન્ડેશન, અમદાવાદ




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B.A. Semester 6 Course 606
Macro Economics – 2

Macroeconomics is very important to understand macro economic policies to the students of these subjects, because it established the functional relationship between the large aggregates. It is essential to analyze the macroeconomic theoretical structure, which is considered for the proper comprehensive of the different issues and policies. Macroeconomics now is not only a scientific method of analysis, but also a body of empirical economic knowledge.

Unit 1 Rate of interest
Classical and Neo- classical approach, Keynesian theory of interest. Relative effectiveness of Monetary and fiscal policies.

Unit -2 Trade Cycles

Nature and characteristics: Hawtry’s monetary theory, Keynes’ view on trade cycle, the concept of accelerator, Samuelson and Hicks Multiplier accelerator interaction model, control of trade cycle.

Unit -3 Supply of money:-

A behavior model of money and money supply. RBI approach to money supply, High powered money and money multiplied, money supply and open economy. The control of Money supply –rule versus discretion.

Unit – 4 Value of Money:

Meaning of money, measurement of value of money, Price Index Numbers (whole sale price and consumer price index) Method of construction price index –Limitations of Index Numbers.

Reference Books;-

1. Backhouse. R and Slansi. A (Eds) (2000), macroeconomics and real world. (2000) Oxford University press, London.
2. Ackly, G. macroeconomics: Theory and policy, Macmilan, New York.
3. Bornbuch. R. and Stanley. F, Macroeconomics, MC. Grow Hill, New York.
4. Hall R.E. and Taylor, J.B. Macroeconomics, w.w.Norton, New York.
5. Eranson, W.A. Macroeconomics: theory and policy Harper and row. New York.




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B.A. Semester:- VI Course -607
INTERNATIONAL ECONOMICS

PREAMBLE

This course provides the students a thorough understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level. The contents of the Paper spread over various modules, lay stress both on theory and applied nature of the subject that have registered rapid changes during the last decade. Besides this, the contents prepare the students to know the impact of free trade and tariffs on the different sectors of the economy as well as at the macro level. The students would also be well trained about the rationale of recent changes in the export-import policies of India.

Unite 1: Foreign Exchange Rate:

Meaning of Exchange rate, Fixed & flexible Exchange Rate - merits & Demerits, Theories of exchange rate – The purchasing power parity theory – the balance of payments theory.

Unite 2: Balance of trade & Balance of Payments:

Concepts and components of Balance of trade and Balance of payments, Equilibrium and disequilibrium in balance of payments, causes of disequilibrium in balance of payments,

Various measures to correct deficit in the balance of payments. Devaluation – merits, demerits & limitations.

Unite 3: Foreign Trade in India

Recent changes in the composition and direction of foreign trade, Causes and effects of persistent deficit in the balance of payments, Measures adopted by the government to correct the deficit after 1991, Export – import policies in India, contribution of SEZ in India.

Unite 4: International Institutions

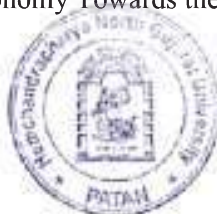
World Bank – objectives, Functions & performance, IMF objectives, Functions & performance, WTO & India, Role of multinational corporations in India, FDI & FII merits, demerits.

BASIC READING LIST

1. Kenan, P.B. (1994), The International Economy, Cambridge University Press, London.
2. Kindlberger, C.P. (1973), International Economics, R.D. Irwin, Homewood.
3. Krugman, P.R. and M. Obstfeld (1994), International Economics : Theory and Policy, Glenview, Foresman.
4. Salvatore, D.L. (1997), International Economics, Prentice -Hall, Upper Saddle River, N.J.
5. Sodersten, Bo (1991), International Economics, Macmillan Press Ltd., London.

ADDITIONAL READING LIST

1. Bhagwati, J. (Ed.) (1981), International Trade, Selected Readings, Cambridge University Press, Mass.
2. Greenaway, D. (1983), International Trade Policy, Macmillan Publishers Ltd., London.
3. Joshi V. and I.M.D. Little (1998), India's Economic Reforms, 1999 -2001, Oxford University Press, Delhi.
5. Patel, S.J. (1995), Indian Economy Towards the 21st Century, University Press Ltd., India.




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B.A. Semester-6 Course- 608

Advance Public Finance

Unit-1

Sources of Public Revenue – taxation: Meaning Classification of Taxes. (Direct & Indirect taxes. Their advantages and disadvantages) Cannons Of taxation. Division of tax burden. Tax impact and tax incidence. Law of tax incidence. Tax shifting and tax evasion (કરચોરી) Characteristic of an ideal tax system.

Unit-2

Capacity to pay the taxes. (કરદાન ક્ષમતા) Effects of taxation, tax as a revenue Generatic source for development in developing countries. Major trends in tax revenue of the Central and State Governments of India.

Unit-3

Public expenditure – meaning, classification and principle of Public expenditure, Cannons of Public expenditure. Effects of Public expenditure. Causes of growth of Public expenditure. (બધાદેશ) growth of Public expenditure in India and & its causes.

Unit-4

Public debt - Sources of Public borrowing, effects of Public debt, Burdon of Public debt (A.P.Lerner, Bukanan and Modigliani) Kinds of Public Debt, internal debt & External debt Of India. Preparation and passing process of budget in India.




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Semester-6 Course 609 (A)

Development and Environmental Economics

Unit-1

Growth theory for under developed economies, Rostow's stages of economic growth. Important ace of take of stage. Big push theory and critical minimum effort strategy.

Unit-2

Vicious circle of poverty illustrated by Regnar nurkse, capital formation and breaking of vicious circle, unemployment and potential savings, Doctrine of balanced growth and its limitations. Strategy of unbalanced growth of Hirschman.

Unit-3

Economic Growth and population growth theory of demographic transition. Population explosion and over exploitation of natural resources. Effects of population growth on natural resources, pressure on natural resources, degradation of environment due to Population growth, Urbanisation, Changing life style and over use of natural resources.

Unit-4

Pollution a major problem - Its Causes. Pollution of land, air and water. Green house effect, Adverse effects of Pollution on health and economy. Measures to control Pollution problem.




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BA Semester-6 Course- 609 (B)

Economics of Developing countries

Unit-1

Introduction: Meaning and characteristics of developing economy. Agriculture V/S industries in economic development. Strategies of industrialization and their impact on growth, choice of technology-critical view of industrialization, experience in developing countries. Importance role of F.D.I. in developing countries (India)

Unit-2

Monetary and Fiscal policies: Role of Monetary and fiscal policies in economic development, Tax structure and policies in developing countries-Taxation, borrowing and deficit financing as a source of financing public expenditure and their effects.

Unit-3

Foreign trade and development: Inward looking and out ward looking trade policy and development. Custom union in developing countries - Foreign capital, foreign aid and burden of repayment of debt, transfer of technology. Multinational corporations.

Unit-4

International Monetary System: I.M.F & Its working. Problems of inflation in developing countries. Role of privatization, liberalization and globalization in developing countries. New world economic order.




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BA Semester-6 Course- 609 (C)

Economy of Gujarat-2

Unit-1

Economic Infrastructure: - Roads & Highways, sea ports, kandala, Mundra, Pipavav. Electrification - Jyotigram yojana, communication, telephone-mobile tower, Airport, water supply and management, Narmada yojana, Linking of major dams and canal network.

Unit-2

Social Infrastructure: Education - primary, secondary, higher education. Privatization, Professional vocation training. Human resource development. Health programmes-108, Child and mother care, Hospital Facilities, Drinking water Facility.

Unit-3 Dairy and fishery:-

Co-operative Milk producers' societies, Co-operative Milk producers' societies unions. Federation of Co-operative Milk producer's societies unions. GCMMF (Gujarat Co-operative Milk Marketing Federation) The Amul pattern and operation flood. Economy of co-operate milk production. Prosperity of villages, Women empowerment and social change. Fishery economy and problems, marine products. Security and modernization.

Unit-4

Small and cottage industries in Gujarat. Privatization and public participatory approach in economic development, E-Governance in rural area. PUARA and cluster programmes for rural development. Rising Urbanization and price rise of land-its effects on farmers and agriculture and housing facilities. Human Development Index and overall economic growth - Tourism development in Gujarat.



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BA Semester-6 Course- 609 (D)

Economic Essays –II (Problems)

Unit-1

1. Poverty in India.
2. Problem of unemployment in India.
3. Population growth in India-problem & policy.
4. Inflation in India-problem & policy.

Unit-2

1. Strategy and Lessons of planning in India.
2. Trends and policy of Foreign Exchange in India.
3. Volume direction and Structure of foreign trade of India.
4. Federal monetary system of India.

Unit-3

1. Unaccounted money in India. (Black money)
2. Tax reforms in India.
3. Land reforms in India.
4. Green revolution in India.

Unit-4.

1. Small industrial sector of India.
2. Co-operative sector in India.
3. Liberalization and privatelization in India.
4. Micro finance sector in India.



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BA Semester-6 Course- 610 (A)

Banking

Unit-1 Indian Banking System:-

Definition of bank, Commercial bank - importance and functions, structure of commercial banking system in India. Regional rural banks, Co-operative banking in India.

Unit-2 Money and RBI:-

Meaning, functions and kinds of money, components of Supply of money. RBI: Functions, Instruments of monetary and credit control. Main features of monetary policy since 1991.

Unit-3 Development Banks and other None Banking :-

Banking Financial institutions: Their main features, Unregulated credit markets in India-main features. INDUSTRIAL FINANCE- owned external and other components of funds. Role and nature of Institutional finance, IDBI, ICICI, IFCI.

Unit-4 Cheque and functional methods:-

Importance of cheque-crossing and selling shares-Types of crossing and selling shares, (also holder in due course) Important changes in cheque payment. Recovery of cheque.Right and responsibilities of Banker making payment. Method of clearing importance and function of clearing house.

સંદર્ભ સાહિત્ય:

- | | |
|-----------------------------------------|--------------------------|
| (૧) બેંકિંગ અને સહકાર: | પ્રા.ટી.જે.રાણા અને અન્ય |
| (૨) Money and Banking | S.Mitra. |
| (૩) Indian Economics: | Rangarahan. |
| (૪) Banking Commission: | Reoort(s) |
| (૫) નાણું, બેંકિંગ અને રા:અર્થવિધાન: | ડા.બી.ડી.પરમાર અને અન્ય. |
| (૬) નાણું, બેંકિંગ અને જાહેર અર્થવિધાન: | ડા.બી.કે.ભટ્ટ અને અન્ય. |



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BA Semester-6 Course - 610 (B) **History of Economic thoughts - 2**

Unit-1

Marginalism- Cournot. The Austrian school and utilitarian, Thunen Gossen, Jevons, Walras and Karl Menger, Bohm Bawark, Wicksell. The rate of interest, wicksteed and weiser.

Unit-2

Marshall a great synthesizer. Time factor in price mechanism. Pearo srafa new thoughts on market system. Consumer's surplus. Economics of A.C. Pigou. – Schumpeter -role of entrepreneur & innovations.

Unit-3

J.B.Say- Law of supply and full employment Equilibrium. General Theory of J.M.keynes aggregate economy, liquidity preference theory and liquidity trap, Equilibrium at under employment. Marginal propensity to consume and Marginal efficiency of capital, role of fiscal policy, deficit spending and public works. Multiplier principle. Neo classical thoughts of Milton Friedman.

Unit-4

Economic thoughts of kautilya. Colonialism - Economic thoughts of Dadabhai Navroji and capital drain and unBritish Rule in India. Mahadev Govind Ranade, R.C.Dutt and M.N.Roy. Economic thoughts of Mohandas Gandhi -Simplicity of life, Swadeshi, Limitation of machine and importance of Labour, rural economy and cottage industries, trusteeship, J.K. mehta – wantlessness.




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BA Semester-6 Course- 610 (C)
Demography

Unit-1

Population growth, Situation in developed Countries, trends of decreasing growth rate of population in developing countries. Estimates and projection of world population.

Unit-2

Crude birth rate and mortality rates age specific birth and death rates standardized birth and death rates. study of Fertility -Total Fertility rate, gross reproduction rate and net reproduction rate. Study of marital status. Life tables its issues, Reproductive rate and child health in India. Temporal and spatial variation in sex ratios

Unit-3

Techniques of population projection. Concept of stationary stable and quasi stationary population. Ageing of population in India. Changes in family structure and old age security.

Unit-4

Salient features of population censuses in India Since independence (Limited only to the growth rate and size of population) Evolution of population policy in India. Shift from population control to family welfare and women empowerment. Demographic status and household behaviour, Education, Women's autonomy and fertility, development of organized sector of economy and population growth. Economic living standard and family size. New population policy (in 21st Century)



B.A. Semester:- VI Course -610 (D)
ECONOMIC INVESTIGATION

Preamble

The main objective of this paper is to train the students to use the techniques of Mathematical and statistical analysis, which are commonly applied to understand and analyze economic problems.

Unit:- 1 Interpolation & Extrapolation.

Meaning of interpolation & extrapolation, Importance and uses of interpolation, Methods of interpolation – Binomial expansion – Newton’s and Lagrange’s.

Unit:- 2 Linear Programming.

Meaning – Mathematical Formulation of LLP – Importance and uses – Graphical Method.

Unit:-3 Assignment and transportation problems .

Meaning of Assignment problem -Mathematical Formulation of AP, Hungarian method of solving AP.

Meaning of transportation problem - Mathematical Formulation- Cost minimization and profit maximization problems – North West corner Rule.

Unit:-4 Game Theory

Basic concepts of game theory, payoff matrix, Zero Sum Game, Maximum and Minima principle, saddle point, mixed strategy, principle of dominance.

Basic Reading:

1. Mehta-Madnani, Mathematics for Economics, Sultan Chand & sons, New -Delhi
2. R.S.Bhardwaj, Business Statistics, Excel Books, New -Delhi.
3. Das M.N. , Statistical Methods and Concepts, New Age International, Delhi.
4. Gupta, S.P., statistical methods, S. Chand and Co., Delhi.
5. Kalimantan, K.P., Applied Econometrics, Oxford & IBH. Delhi.
6. Mehta, B.C. and Mehta, A.C., Fundamental Econometrics, Himalaya Publishing house, Bombay.
7. Simpson, G and Kafka, Fritz. , Basic Statistics, Delhi.
8. Srivastava, U.K. at all. , Quantitative Techniques for Managerial Decision, New Age International, Delhi.




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अर्थशास्त्र



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Structure of CBCS in Economics: Semester - VI

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-606 Core Coumpulsory	Macro Economics	4	04 (03+01)	30	70	100	2:30
CC-607 Core Coumpulsory	International Economics	4	04 (03+01)	30	70	100	2:30
CC - 608 Core Coumpulsory	Public Economics	4	04 (03+01)	30	70	100	2:30
CC - 609 A Core Coumpulsory	Dev. & Envi. Economics	4	04 (03+01)	30	70	100	2:30
CC - 609 B Core Coumpulsory	Eco. Of Developing Countries	4	04 (03+01)	30	70	100	2:30
CC - 609 C Core Coumpulsory	Economy of Gujarat - I	4	04 (03+01)	30	70	100	2:30
CC-609 D Core Coumpulsory	Economic Essay - I	4	04 (03+01)	30	70	100	2:30
CC-610 A Core Coumpulsory	Co- Operation	4	04 (03+01)	30	70	100	2:30
CC-610 B Core Coumpulsory	History of Eco. Thoughts	4	04 (03+01)	30	70	100	2:30
CC-610 C Core Coumpulsory	Demography	4	04 (03+01)	30	70	100	2:30
CC-610 D Core Coumpulsory	Economic Investigation	4	04 (03+01)	30	70	100	2:30
CC-610 E Core Coumpulsory	Economic Survey	4	04 (03+01)	30	70	100	2:30




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B.A. Semester 6 Course 606
Macro Economics – 2

Objectives

- It established the functional relationship between the large aggregates.
- It is essential to analyze the macro theoretical structure, which is considered proper for comprehending different issues and policies.
- Macroeconomics now is not only a scientific of analysis, but also a body of empirical economic knowledge.

Unit 1 **Theories of interest**

Classical and Neo- classical approach, Keynesian theory of inter Relative effectiveness of Monetary and fiscal policies.

Unit-2 **Trade Cycles**

Nature and characteristics: Hawtry's monetary theory, Keynes' view on trade cycle, the concept of accelerator, Samuelson and Hicks Multiplier accelerator interaction model, control of trade cycle.

Unit-3 **supply of money**

Meaning of money supply Effective factors of the money supply, RBI approach about money supply (M1, M2, M3, M4) High power money and effective factors of its, concept of money multiplier. The control of money supply: rules versus discretion.

Unit – 4 **Value of Money**

Meaning of the value money, measurement of value of money, type of the value of money, Price Index Numbers: Objectives, construction, importance and limitations. Concept of whole sale price index and consumer price index.

Reference Books;

1. Backhouse. R and Slansi. A (Eds) (2000), macroeconomics and real world. (2000) Oxford University Press, London.
2. Ackly, G. macroeconomics: Theory and policy, Macmilan, NewYork.
3. Bornbuch. R. and Stanley. F, Macroeconomics, MC. Grow Hill,New York.
4. Hall R.E. and Taylor, J.B. Macroeconomics, w.w.Norton, New
5. Dr G.D. Tripathi, Macro Economic Theory- Mark Publication JaipurYork.
6. Eranson, W.A. Macroeconomics: theory and policy Harper androw. New York




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B.A. Semester VI Course 607 International Economics 2

Objectives:

- This course provide understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at global level.
- The contents prepare the students to know the impact of free trade and tariffs on the different sectors of the Economy.

Unit 1: **Foreign Exchange Rate:**

Meaning of Exchange rate, Fixed & flexible Exchange Rate – merits & Demerits, Theories of Exchange rate: The purchasing power parity theory, the balance of payments theory.

Unit 2: **Balance of trade & Balance of Payments:**

Concepts and components of Balance of trade and Balance of payments, Equilibrium and disequilibrium in balance of payments, causes of disequilibrium in balance of payments, various measures to correct deficit in the balance of payments.

Unit 3: **Foreign Trade in India**

Recent changes in the Conquntity, composition and direction of foreign trade, causes and effects of persistent deficit in the balance of payments, Measures adopted by the government to correct the deficit of balance of payment after 1991, Latest Export – import polices in India, Importance of SEZ in India.

Unit 4: **International Institutions**

World Bank: objectives, Functions and evaluation

IMF: objectives, Functions & performance

WTO & India, Role of multinational corporations in India

ADB bank: Functions and evaluation

Basic Reading List

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.




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B.A. Semester-VI Course- 608

Advance Public Finance

Objectives

- This paper helps students to understand various taxes and their impact on tax payers.
- This paper also helps to understand the concept of public expenditure and debt and how public expenditure and public debt is useful for economy

Unit-1 **Taxation**

Meaning and Classification of Taxes. Canon of taxation. Division of tax burden. Concept of Tax impact and Tax incidence. Tax shifting and tax evasion. Characteristics of an ideal Tax system.

Unit-2

Capacity to pay the taxes. Effects of taxation, tax as a revenue generatic source for development in developing countries. Introduction of the major tax of India, introduction of the major tax of State Government in India.

Unit-3

Public expenditure - meaning, classification and principle of Public expenditure, Cannons of Public expenditure. Effects of Public expenditure. Causes of growth of Public expenditure. Growth of Public expenditure in India and & its causes.

Unit-4

Public debt: Sources of Public borrowing, effects of Public debt, Burdon of Public debt (A.P.Lerner, Bukanan and Modigliani) Kinds of Public Debt, Preparation and passing process of budget in India.

Reading list:

1. Richard A. MUSGRAVE & PEGGY B MUSGRAVE, Public finance in theory and practice
2. K.K.Dewtt and M.H. MAVALUR, modern Economy theory , S. Chand, Delhi
3. H.L. ahvia, modern Economics, S. Chand Delhi
4. S.K.Singh, Public finance, S Chand, Delhi
5. MUSGRAVE R.A.: The Theory of public finance – MCGRAW, Hill Book Company
6. Mithani D.M. : Modern Public finance : Theory and practice – Himalaya Publishing house
7. Bhatiya H.L. : Public finance Vikas Publishing house pvt.Ltd, New Delhi
8. Jha.R, Modern Public finance, Rutledge, London
9. મહેશ ભટ્ટ, જાહેર વલિતવ્યવસ્થા સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ
10. રવિશંકર ત્રિવેદી (અનુવાદિત); , જાહેર અર્થવિધાનના સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ




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Semester-6 Course 609 (A)

Development and Environmental Economics

Objectives

- This paper helps students to understand various Environmental issues existing in economics.
- This paper also helps to understand the concept of Socio-Economic and natural resources availability and impact of its over use.

Unit-1	Growth theory for under developed economies, Rostow's stages of economic growth. Important aspect of take off stage. Big push theory and critical minimum effort strategy.
Unit-2	Vicious circle of poverty illustrated by Ragnar Nurkse, capital formation and breaking of vicious circle, unemployment and potential savings, Doctrine of balanced growth and its limitations. Strategy of unbalanced growth of Hirschman.
Unit-3	Relation between Economic Growth and population growth: theory of demographic transition. Population explosion and over exploitation of natural resources. Effects of population growth on natural resources, pressure on natural resources, degradation of environment due to Population growth, Urbanisation, Changing life style and over use of natural resources.
Unit-4	Pollution a major problem - Its Causes. Pollution of land, air and water. Green house effect, Adverse effects of Pollution on health and economy. Measures to control Pollution problem.

Reading List:

1. Jiwitesh Kumar singhand Devendra kumar Das, Environment Economics and Development, Deep and Deep publication, New Delhi
2. GREEN Economics, Robin hahnel, GreenEconomics, Reference, New Delhi.
3. R.R. Das, Fundamentals of Environmental science, paragon international publishers, Delhi
4. Michael, P Tudaro, Economic Development, Addison –Wesley, Delhi.
5. Hanely, N.J. F. Shogeren and B. White, Environmental Economics in theory and practice, Macmillan
6. Field, Berly and Martha Field, Environmental Economics: An Introduction, Tata McGraw Hill.
7. Sankar, U.(ed), Environmental Economics, Cambridge University Press, Cambridge.
8. પર્યાવરણીય અર્થશાસ્ત્ર: એક પરિચય, સુદર્શન આયંગર અને નિમિષા શુક્લ, ગુજરાત વિદ્યાપીઠ.



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BA Semester-6 Course-609 (B)

Economics of Developing countries

Objectives

- This paper helps students to understand existing economic policies of developing countries.
- This paper also helps to understand foreign trade issues, inflation and role of international financial institutions in economy of developing countries.

- Unit-1 Introduction, Meaning and characteristics of developing economy. Agriculture V/S industries in economic development. Strategies of industrialization and their impact on growth, choice of technology, critical view of industrialization, experience in developing countries. Importance role of F.D.I. in developing countries (India).
- Unit-2 Monetary and Fiscal policies: Role of Monetary and fiscal policies in economic development, Tax structure and policies in developing countries-Taxation, borrowing and deficit financing as a source of financing. public expenditure and their effects.
- Unit-3 Foreign trade and development: Inward looking and out ward looking trade policy and development. Custom union in developing countries. Foreign capital, foreign aid and burden of repayment of debt, transfer of technology. Multinational corporations: merits and de-merits.
- Unit-4 International Monetary System: I.M.F & its working. Problems of inflation in developing countries. Role of privatization, liberalization and globalization in developing countries. New world economic order.

READING LIST:

- 1- ADELMAN I, Theories of Economic Growth and Development, Standford University, press, Standford
- 2- Chenery H and T N Srinivasan (EDs) Handbook of Development Economics, Vol-I
- 3- Myint H, Economic Theory and Underdeveloped countries, Oxford University Press, New York
- 4- Rudra dutt, Indian Economy, S. Chand Publication, New Delhi
- 5- Dr Tripathi G.D., Research in Economics of Planning and Development, Mark Publication




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BA Semester-6 Course - 609 (C)

Economy of Gujarat-2

Objectives

- This paper helps students to understand existing economic Scenario of Gujarat.
- This paper also helps to understand various governmental schemes, developmental projects health and educational schemes.
- Students can also get a bird eyes view about the development in the area of dairy, fishery and industries.

Unit-1 **Economic Infrastructure:**

Importance of Economic Infrastructures current situation and related issues: Roads & Highways, sea ports, .Electrification-Jyotigram yojana, communication, telephone-mobile tower, Airport, water supply and management, Narmada yojana.

Unit-2 **Social Infrastructure:**

Importance of Social Infrastructure Current situation and related issues: Education - primary, secondary, higher education. Privatization n education: merits, and demerits. Health programes-108, Drinking water Facility. Health facility: current situation of PHC and CHC.Heath Programmes: 108 facility, Heath card. Drinking water facility and its related issues.

Unit-3 **Dairy and fishery:**

Function of primary, Co-operative Milk producers' societies. Introduction of the Gujarat Co-operative Milk Marketing Federation The Amul pattern and operation flood. Economy of co-operative milk production. Women empowerment and social change. Importance of Fishery economy and its problems.

Unit-4 **Industries**

Role of Small and cottage industries in Gujarat. Privatization and public participatory approach in economic development. E-Governance in rural area. PUARA and cluster programmes for rural development. Rising Urbanization and price rise of land: its effects on farmers, agriculture and housing facilities. Tourism development in Gujarat.

READING LIST:

- 1- GUJARAT Nu AARTHTRANTRA- Popular Prakashan Surat
- 2- GREEN Economics, Robin hahnel, GreenEconomics, Reference, New Delhi.
- 3- R.R. Das, Fundamentals of Environmental science, paragon international publishers, Delhi
- 4- Michael, P Tudaro, Economic Development, Addison –Wesley, Delhi.
- 5- Hanely, N.J. F. Shogeren and B. White, Environmental Economics in theory and practice, Macmillan
- 6- Field, Berly and Martha Field, Environmental Economics: An Introduction, Tata McGraw Hill.
- 7- Sankar, U.(ed), Environmental Economics, Cambridge University Press, Cambridge.
- 8- પર્યાવરણીય અર્થશાસ્ત્ર: એક પરિચય, સુદર્શન આયંગર અને નિમિષા શુક્લ, ગુજરાત વિદ્યાપીઠ



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BA Semester-6 CC - 609 (D)

Economic Essays – II

Objectives

- This paper develops creative thinking and writing on current socio-economic affairs.
- This paper helps students to think creative and have own assessment of the problems.

Unit 1

1. Monetary Policies versus fiscal Policy of India
2. Trade Policies
3. Inflation
- 4 Liberalisation, Privatisation and Globalisation

Unit 2

- 1 Unemployment in India
- 2 Black money in India
- 3 Niti Ayog
- 4 Agricultural sector in India




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BA Semester-6 Course CC -610 (A)
Banking

Objectives

- This paper helps to understand functioning of various banks and financial institutions.
- This paper helps students about financial transactions, e-banking, awareness with digital banking system.

Unit-1 Indian Banking System:

Definition of bank, Commercial bank- importance and functions, structure of commercial banking system in India. Function of Regional rural banks, Co-operative banking in India.

Unit-2 Money and RBI:

Components of Supply of money. RBI: Functions, Instruments of monetary and credit control. Main features of monetary policy since 1991. Limitation of the monetary Policy

Unit-3 Development Banks and other None Banking:

Banking Financial institutions: Their main features, unregulated credit markets in India-main features. INDUSTRIAL FINANCE: IDBI, ICICI, IFCI. Issues of NPA in Banking sector.

Unit: 4 Services of the commercial Bank

Concept of cheque, Type of cheque, meaning of draft. Introduction of RTGS, NEFT and IMPS, Concept of PFMS, Debit card: its advantage and disadvantages Concept of credit card. Its advantages and disadvantages multi currency card, concept of crypto currency.

સંદર્ભસાહિત્ય:

- | | |
|---------------------------------------|-------------------------|
| (૧) બેન્કિંગ અને સહકાર: | પ્રા.ટી.જે.રાણાઅનેઅન્ય |
| (૨) Money and Banking | S. Mitra |
| (૩) Indian Economics | Rangarajan |
| (૪) Banking Commission | Reoort(s) |
| (૫) નાંણુ, બેન્કિંગઅનેરા.અર્થ વિધાન | ડૉ.બીડી. પરમાર અને અન્ય |
| (૬) નાંણુ, બેન્કિંગઅનેજાહેરઅર્થ વિધાન | ડૉ. બી.કે.ભટ્ટ અને અન્ય |
| (૭) RBI | WEB site |




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BA Semester-6 Course CC – 610(B)
History of Economic thoughts- 2

Objectives

- This paper helps to understand historical perspective of development of various economic thoughts and theories.
- This paper helps students to understand the contribution of our forefathers in economic theories and economic development.

Unit-1	Marginalism- Cournot. The Austrian school and utilitarian, Thunen Gossen, Jevons, Walras and Karl Menger, Bohm Bawark, Wicksell. The rate of interest, wicksteed and weiser.
Unit-2	Marshall a great synthesizer. Time factor in price mechanism. Pearo srafa new thoughts on market system. Consumer's surplus. Economics of A.C. Pigou. – Schumpeter -role of entrepreneur & innovations.
Unit-3	J.B.Say- Law of supply and full employment Equilibrium. General Theory of J.M.keynes aggregate economy, liquidity preference theory and liquidity trap, Equilibrium at under employment. Marginal propensity to consume and Marginal efficiency of capital, role of fiscal policy, deficit spending and public works. Multiplier principle. Neo classical thoughts of Milton Friedman
Unit-4	Economic thoughts of kautilya. Colonialism - Economic thoughts of Dadabhai Navroji: capital drain and British Rule in India. Mahadev Govind Ranade, R.C.Dutt and M.N.Roy. Economic thoughts of Mohandas Gandhi -Simplicity of life, Swadeshi, Limitation of machine and importance of Labour, rural economy and cottage industries, trusteeship, J.K. mehta - wantlessness.

Reference Books:

- (1) Economic Thinkers of the world. Mark publication Jaipur. Dr. G.D. Tripathi.
- (2) Backhouse, R. A: History of Modern Economic Analysis, Basil Blackwell, Oxford, 1985
- (3) Hajela, T.N.: History of Economic Thought, Ane Books, India,
- (4) Hunt, E.K.: History of Economic Thought, A Critical Perspective. M.E. Sharpe; 2 edition (September2002)
- (5) Roll, E: A History of Economics Thought, Faber, London 1973
- (6) Schumpeter, J.A.: History of Economic Analysis, Oxford University Press, New York 1954
- (7) Stanley L. Brue: The Evolution of Economic Thought, The Dryden Press Sixth Edition (2000)
- (8) Screpanti Ernesto and Stefano Zamagni (2006), An outline of the History of Economic thought, Oxford Uni. Press




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BA Semester-6 Course CC - 610 (C)
Demography – 2

Objectives:

- To make students aware about socio-cultural and economic aspects of our economy
- To improve their understanding of various theories on problems and their solutions

Unit-1	Population growth, Situation in developed Countries, trends of decreasing growth rate of population in developing countries. Estimates and projection of world population.
Unit-2	Crude birth rate and mortality rates, age specific birth and death rates standardized birth and death rates. study of Fertility-Total Fertility rate, gross reproduction rate and net reproduction rate. Study of marital status. Life tables and its issues, Reproductive rate and child health in India. Temporal and spatial variation in sex ratios
Unit-3	Techniques of population projection. Concept of stationary stable and quasi stationary population. Ageing of population in India. Changes in family structure and old age security.
Unit-4	Salient features of population, censuses in India Since independence (Limited only to the growth rate and size of population) Evolution of population policy in India. Shift from population control to family welfare and women empowerment. Demographic status and household behaviour, Education, Women's autonomy and fertility. Economic living standard and family size. New population policy (in 21 st Century)

Reading list:

1. A.K. Shivkumar and others, Handbook of Population and development, oxford University Press, New Delhi, 2010
2. Kenneth c.w. Kamneyer and Hellen Ginn, An introduction to Population, Archives Books, 1988
3. Gaurat Dutt and Ashwini Mahajan, Indian Economy, S Chand ,New Delhi
4. Bogve, D.J. Principles of Demography, John Wiley, New York
5. Agarwala S.N., India's Population problem, Tata mcgraw-Hill co, Bombay
6. Bose, A., India's Basic Demographic statistics, B.R. publishing core, New Delhi
7. Census of India.




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B.A. Semester:- VI Course -610(D)
ECONOMIC INVESTIGATION

Objective:

- The main objective of this paper is to train the students to use the techniques of Mathematical and statistical analysis.
- These are commonly applied to understand and analyze economic problems.

Unit:- 1 Interpolation & Extrapolation.

Meaning of interpolation & extrapolation, Importance and uses of interpolation, Methods of interpolation -Binomial expansion- Newton's and Lagrange' s.

UNIT:- 2 Linear Programming.

Meaning - Mathematical Formulation of LPP - Importance and uses - Graphical method.

Unit:-3 Assignment and transportation problems.

Meaning of Assignment problem- Mathematical Formulation of AP, Hungarian method of solving AP.

Meaning of transportation problem -Mathematical Formulation - Cost minimization and profit maximization problems - North West corner Rule.

Unit:-4 Game Theory

Basic concepts Of game theory, payoff matrix, Zero Sum Game, Maximum and Minima principle, saddle point, mixed strategy, principle of dominance.

Basic Reading:

1. Mehta-Madnani, Mathematics for Economics, Sultan Chand & sons, New -Delhi
2. R.S.Bhardwaj, Business Statistics, Excel Books, New-Delhi.
3. Das M.N., statistical Methods and Concepts, New Age International, Delhi.
4. Gupta, S.P., statistical methods,S. Chand and Co., Delhi.
5. Kalimantan, K.P.,Applied Econometrics, Oxford & IBH. Delhi.
6. Melta, B.C. and Mehta, A.C., fundamental Econometrics, Himalaya Publishing house, Bombay.
7. Simpson, G and Kafka, fritz. , Basic Statistics, Delhi.
8. Srivastava, U.K. at all. , Quantitative Techniques for Managerial Decision, New Age International Delhi.




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Semester -VI CC 610 [E] (optional)

Socio-Economic survey – 2

Objectives : 1) Students should get primary knowledge about some research concept.
2) Students should be familiar with some socio-economic institutions.
3) students should familiar with some important publication which will be helpful for future research activities.

❖ Field work based socio-Economic survey (Particular village, community or area)

Report should be around 50 page.

❖ Evaluation system

Internal-1: 30 mark [20 marks based on brief Report of the survey (5-6 page) plus 10 marks

Based on viva voce taken by internal referee]

❖ External-2: 70 marks [50 marks based on final Report of the survey plus 20 marks based on viva voce taken by Uni. nominated external referee]

Reading List

1. O. R Krishna swami and m. Ranganathan, methodology of Research in social sciences, Himalaya publishing House.
2. General Guthrie, Basic Research method, sage Publication, Delhi
3. Matthew David & Carole D. Suttion, Social Research Sage Publication, New Delhi
4. Bill Taylor and others, Research methodology Prentice Hall of India, New Delhi
5. શાહ, વિમળ પી(1994) સંશોધન અહેવાલ લેખન, યુનિ. ગ્રંથ નિર્માણ બોર્ડ
6. અભિદ્રષ્ટિના સંશોધન વિશેષાંક, સંપાદક: ડૉ. રોહિત શુક્લ, દ્રષ્ટિ ફાઉન્ડેશન, અમદાવાદ




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अर्थशास्त्र



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Structure of CBCS in Economics: Semester - VI

Course Code & Type	Course Subject	Course Credit	No of Hours per week	Weightage for Internal Exams	Weightage for Semester Exams	Total Marks	Duration of Exam
CC-606 Core Coumpulsory	Macro Economics	4	04 (03+01)	30	70	100	2:30
CC-607 Core Coumpulsory	International Economics	4	04 (03+01)	30	70	100	2:30
CC - 608 Core Coumpulsory	Public Economics	4	04 (03+01)	30	70	100	2:30
CC - 609 A Core Coumpulsory	Dev. & Envi. Economics	4	04 (03+01)	30	70	100	2:30
CC - 609 B Core Coumpulsory	Eco. Of Developing Countries	4	04 (03+01)	30	70	100	2:30
CC - 609 C Core Coumpulsory	Economy of Gujarat - I	4	04 (03+01)	30	70	100	2:30
CC-609 D Core Coumpulsory	Economic Essay - I	4	04 (03+01)	30	70	100	2:30
CC-610 A Core Coumpulsory	Co- Operation	4	04 (03+01)	30	70	100	2:30
CC-610 B Core Coumpulsory	History of Eco. Thoughts	4	04 (03+01)	30	70	100	2:30
CC-610 C Core Coumpulsory	Demography	4	04 (03+01)	30	70	100	2:30
CC-610 D Core Coumpulsory	Economic Investigation	4	04 (03+01)	30	70	100	2:30
CC-610 E Core Coumpulsory	Economic Survey	4	04 (03+01)	30	70	100	2:30




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B.A. Semester 6 Course 606
Macro Economics – 2

Objectives

- It established the functional relationship between the large aggregates.
- It is essential to analyze the macro theoretical structure, which is considered proper for comprehending different issues and policies.
- Macroeconomics now is not only a scientific of analysis, but also a body of empirical economic knowledge.

Unit 1 **Theories of interest**

Classical and Neo- classical approach, Keynesian theory of inter Relative effectiveness of Monetary and fiscal policies.

Unit-2 **Trade Cycles**

Nature and characteristics: Hawtry's monetary theory, Keynes' view on trade cycle, the concept of accelerator, Samuelson and Hicks Multiplier accelerator interaction model, control of trade cycle.

Unit-3 **supply of money**

Meaning of money supply Effective factors of the money supply, RBI approach about money supply (M1, M2, M3, M4) High power money and effective factors of its, concept of money multiplier. The control of money supply: rules versus discretion.

Unit – 4 **Value of Money**

Meaning of the value money, measurement of value of money, type of the value of money, Price Index Numbers: Objectives, construction, importance and limitations. Concept of whole sale price index and consumer price index.

Reference Books;

1. Backhouse. R and Slansi. A (Eds) (2000), macroeconomics and real world. (2000) Oxford University Press, London.
2. Ackly, G. macroeconomics: Theory and policy, Macmilan, NewYork.
3. Bornbuch. R. and Stanley. F, Macroeconomics, MC. Grow Hill,New York.
4. Hall R.E. and Taylor, J.B. Macroeconomics, w.w.Norton, New
5. Dr G.D. Tripathi, Macro Economic Theory- Mark Publication JaipurYork.
6. Eranson, W.A. Macroeconomics: theory and policy Harper androw. New York




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B.A. Semester VI Course 607 International Economics 2

Objectives:

- This course provide understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at global level.
- The contents prepare the students to know the impact of free trade and tariffs on the different sectors of the Economy.

Unit 1: **Foreign Exchange Rate:**

Meaning of Exchange rate, Fixed & flexible Exchange Rate – merits & Demerits, Theories of Exchange rate: The purchasing power parity theory, the balance of payments theory.

Unit 2: **Balance of trade & Balance of Payments:**

Concepts and components of Balance of trade and Balance of payments, Equilibrium and disequilibrium in balance of payments, causes of disequilibrium in balance of payments, various measures to correct deficit in the balance of payments.

Unit 3: **Foreign Trade in India**

Recent changes in the Conquntity, composition and direction of foreign trade, causes and effects of persistent deficit in the balance of payments, Measures adopted by the government to correct the deficit of balance of payment after 1991, Latest Export – import polices in India, Importance of SEZ in India.

Unit 4: **International Institutions**

World Bank: objectives, Functions and evaluation

IMF: objectives, Functions & performance

WTO & India, Role of multinational corporations in India

ADB bank: Functions and evaluation

Basic Reading List

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.




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B.A. Semester-VI Course- 608

Advance Public Finance

Objectives

- This paper helps students to understand various taxes and their impact on tax payers.
- This paper also helps to understand the concept of public expenditure and debt and how public expenditure and public debt is useful for economy

Unit-1 **Taxation**

Meaning and Classification of Taxes. Canon of taxation. Division of tax burden. Concept of Tax impact and Tax incidence. Tax shifting and tax evasion. Characteristics of an ideal Tax system.

Unit-2

Capacity to pay the taxes. Effects of taxation, tax as a revenue generatic source for development in developing countries. Introduction of the major tax of India, introduction of the major tax of State Government in India.

Unit-3

Public expenditure - meaning, classification and principle of Public expenditure, Cannons of Public expenditure. Effects of Public expenditure. Causes of growth of Public expenditure. Growth of Public expenditure in India and & its causes.

Unit-4

Public debt: Sources of Public borrowing, effects of Public debt, Burdon of Public debt (A.P.Lerner, Bukanan and Modigliani) Kinds of Public Debt, Preparation and passing process of budget in India.

Reading list:

1. Richard A. MUSGRAVE & PEGGY B MUSGRAVE, Public finance in theory and practice
2. K.K.Dewtt and M.H. MAVALUR, modern Economy theory , S. Chand, Delhi
3. H.L. ahvia, modern Economics, S. Chand Delhi
4. S.K.Singh, Public finance, S Chand, Delhi
5. MUSGRAVE R.A.: The Theory of public finance – MCGRAW, Hill Book Company
6. Mithani D.M. : Modern Public finance : Theory and practice – Himalaya Publishing house
7. Bhatiya H.L. : Public finance Vikas Publishing house pvt.Ltd, New Delhi
8. Jha.R, Modern Public finance, Rutledge, London
9. મહેશ ભટ્ટ, જાહેર વલિતવ્યવસ્થા સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ
10. રવિશંકર ત્રિવેદી (અનુવાદિત); , જાહેર અર્થવિધાનના સિદ્ધાંતો, યુનિ. ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ




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Semester-6 Course 609 (A)

Development and Environmental Economics

Objectives

- This paper helps students to understand various Environmental issues existing in economics.
- This paper also helps to understand the concept of Socio-Economic and natural resources availability and impact of its over use.

Unit-1	Growth theory for under developed economies, Rostow's stages of economic growth. Important aspect of take off stage. Big push theory and critical minimum effort strategy.
Unit-2	Vicious circle of poverty illustrated by Ragnar Nurkse, capital formation and breaking of vicious circle, unemployment and potential savings, Doctrine of balanced growth and its limitations. Strategy of unbalanced growth of Hirschman.
Unit-3	Relation between Economic Growth and population growth: theory of demographic transition. Population explosion and over exploitation of natural resources. Effects of population growth on natural resources, pressure on natural resources, degradation of environment due to Population growth, Urbanisation, Changing life style and over use of natural resources.
Unit-4	Pollution a major problem - Its Causes. Pollution of land, air and water. Green house effect, Adverse effects of Pollution on health and economy. Measures to control Pollution problem.

Reading List:

1. Jiwitesh Kumar singhand Devendra kumar Das, Environment Economics and Development, Deep and Deep publication, New Delhi
2. GREEN Economics, Robin hahnel, GreenEconomics, Reference, New Delhi.
3. R.R. Das, Fundamentals of Environmental science, paragon international publishers, Delhi
4. Michael, P Tudaro, Economic Development, Addison –Wesley, Delhi.
5. Hanely, N.J. F. Shogren and B. White, Environmental Economics in theory and practice, Macmillan
6. Field, Berly and Martha Field, Environmental Economics: An Introduction, Tata McGraw Hill.
7. Sankar, U.(ed), Environmental Economics, Cambridge University Press, Cambridge.
8. પર્યાવરણીય અર્થશાસ્ત્ર: એક પરિચય, સુદર્શન આયંગર અને નિમિષા શુક્લ, ગુજરાત વિદ્યાપીઠ.



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BA Semester-6 Course-609 (B)

Economics of Developing countries

Objectives

- This paper helps students to understand existing economic policies of developing countries.
- This paper also helps to understand foreign trade issues, inflation and role of international financial institutions in economy of developing countries.

- Unit-1 Introduction, Meaning and characteristics of developing economy. Agriculture V/S industries in economic development. Strategies of industrialization and their impact on growth, choice of technology, critical view of industrialization, experience in developing countries. Importance role of F.D.I. in developing countries (India).
- Unit-2 Monetary and Fiscal policies: Role of Monetary and fiscal policies in economic development, Tax structure and policies in developing countries-Taxation, borrowing and deficit financing as a source of financing. public expenditure and their effects.
- Unit-3 Foreign trade and development: Inward looking and out ward looking trade policy and development. Custom union in developing countries. Foreign capital, foreign aid and burden of repayment of debt, transfer of technology. Multinational corporations: merits and de-merits.
- Unit-4 International Monetary System: I.M.F & its working. Problems of inflation in developing countries. Role of privatization, liberalization and globalization in developing countries. New world economic order.

READING LIST:

- 1- ADELMAN I, Theories of Economic Growth and Development, Standford University, press, Standford
- 2- Chenery H and T N Srinivasan (EDs) Handbook of Development Economics, Vol-I
- 3- Myint H, Economic Theory and Underdeveloped countries, Oxford University Press, New York
- 4- Rudra dutt, Indian Economy, S. Chand Publication, New Delhi
- 5- Dr Tripathi G.D., Research in Economics of Planning and Development, Mark Publication




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BA Semester-6 Course - 609 (C)

Economy of Gujarat-2

Objectives

- This paper helps students to understand existing economic Scenario of Gujarat.
- This paper also helps to understand various governmental schemes, developmental projects health and educational schemes.
- Students can also get a bird eyes view about the development in the area of dairy, fishery and industries.

Unit-1 **Economic Infrastructure:**

Importance of Economic Infrastructures current situation and related issues: Roads & Highways, sea ports, .Electrification-Jyotigram yojana, communication, telephone-mobile tower, Airport, water supply and management, Narmada yojana.

Unit-2 **Social Infrastructure:**

Importance of Social Infrastructure Current situation and related issues: Education - primary, secondary, higher education. Privatization n education: merits, and demerits. Health programes-108, Drinking water Facility. Health facility: current situation of PHC and CHC.Heath Programmes: 108 facility, Heath card. Drinking water facility and its related issues.

Unit-3 **Dairy and fishery:**

Function of primary, Co-operative Milk producers' societies. Introduction of the Gujarat Co-operative Milk Marketing Federation The Amul pattern and operation flood. Economy of co-operative milk production. Women empowerment and social change. Importance of Fishery economy and its problems.

Unit-4 **Industries**

Role of Small and cottage industries in Gujarat. Privatization and public participatory approach in economic development. E-Governance in rural area. PUARA and cluster programmes for rural development. Rising Urbanization and price rise of land: its effects on farmers, agriculture and housing facilities. Tourism development in Gujarat.

READING LIST:

- 1- GUJARAT Nu AARTHTRANTRA- Popular Prakashan Surat
- 2- GREEN Economics, Robin hahnel, GreenEconomics, Reference, New Delhi.
- 3- R.R. Das, Fundamentals of Environmental science, paragon international publishers, Delhi
- 4- Michael, P Tudaro, Economic Development, Addison –Wesley, Delhi.
- 5- Hanely, N.J. F. Shogeren and B. White, Environmental Economics in theory and practice, Macmillan
- 6- Field, Berly and Martha Field, Environmental Economics: An Introduction, Tata McGraw Hill.
- 7- Sankar, U.(ed), Environmental Economics, Cambridge University Press, Cambridge.
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BA Semester-6 CC - 609 (D)

Economic Essays – II

Objectives

- This paper develops creative thinking and writing on current socio-economic affairs.
- This paper helps students to think creative and have own assessment of the problems.

Unit 1

1. Monetary Policies versus fiscal Policy of India
2. Trade Policies
3. Inflation
- 4 Liberalisation, Privatisation and Globalisation

Unit 2

- 1 Unemployment in India
- 2 Black money in India
- 3 Niti Ayog
- 4 Agricultural sector in India




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BA Semester-6 Course CC -610 (A)
Banking

Objectives

- This paper helps to understand functioning of various banks and financial institutions.
- This paper helps students about financial transactions, e-banking, awareness with digital banking system.

Unit-1 Indian Banking System:

Definition of bank, Commercial bank- importance and functions, structure of commercial banking system in India. Function of Regional rural banks, Co-operative banking in India.

Unit-2 Money and RBI:

Components of Supply of money. RBI: Functions, Instruments of monetary and credit control. Main features of monetary policy since 1991. Limitation of the monetary Policy

Unit-3 Development Banks and other None Banking:

Banking Financial institutions: Their main features, unregulated credit markets in India-main features. INDUSTRIAL FINANCE: IDBI, ICICI, IFCI. Issues of NPA in Banking sector.

Unit: 4 Services of the commercial Bank

Concept of cheque, Type of cheque, meaning of draft. Introduction of RTGS, NEFT and IMPS, Concept of PFMS, Debit card: its advantage and disadvantages Concept of credit card. Its advantages and disadvantages multi currency card, concept of crypto currency.

સંદર્ભસાહિત્ય:

- | | |
|---------------------------------------|-------------------------|
| (૧) બેન્કિંગ અને સહકાર: | પ્રા.ટી.જે.રાણાઅનેઅન્ય |
| (૨) Money and Banking | S. Mitra |
| (૩) Indian Economics | Rangarajan |
| (૪) Banking Commission | Reoort(s) |
| (૫) નાંણુ, બેન્કિંગઅનેરા.અર્થ વિધાન | ડૉ.બીડી. પરમાર અને અન્ય |
| (૬) નાંણુ, બેન્કિંગઅનેજાહેરઅર્થ વિધાન | ડૉ. બી.કે.ભટ્ટ અને અન્ય |
| (૭) RBI | WEB site |




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BA Semester-6 Course CC – 610(B)
History of Economic thoughts- 2

Objectives

- This paper helps to understand historical perspective of development of various economic thoughts and theories.
- This paper helps students to understand the contribution of our forefathers in economic theories and economic development.

Unit-1	Marginalism- Cournot. The Austrian school and utilitarian, Thunen Gossen, Jevons, Walras and Karl Menger, Bohm Bawark, Wicksell. The rate of interest, wicksteed and weiser.
Unit-2	Marshall a great synthesizer. Time factor in price mechanism. Pearo srafa new thoughts on market system. Consumer's surplus. Economics of A.C. Pigou. – Schumpeter -role of entrepreneur & innovations.
Unit-3	J.B.Say- Law of supply and full employment Equilibrium. General Theory of J.M.keynes aggregate economy, liquidity preference theory and liquidity trap, Equilibrium at under employment. Marginal propensity to consume and Marginal efficiency of capital, role of fiscal policy, deficit spending and public works. Multiplier principle. Neo classical thoughts of Milton Friedman
Unit-4	Economic thoughts of kautilya. Colonialism - Economic thoughts of Dadabhai Navroji: capital drain and British Rule in India. Mahadev Govind Ranade, R.C.Dutt and M.N.Roy. Economic thoughts of Mohandas Gandhi -Simplicity of life, Swadeshi, Limitation of machine and importance of Labour, rural economy and cottage industries, trusteeship, J.K. mehta - wantlessness.

Reference Books:

- (1) Economic Thinkers of the world. Mark publication Jaipur. Dr. G.D. Tripathi.
- (2) Backhouse, R. A: History of Modern Economic Analysis, Basil Blackwell, Oxford, 1985
- (3) Hajela, T.N.: History of Economic Thought, Ane Books, India,
- (4) Hunt, E.K.: History of Economic Thought, A Critical Perspective. M.E. Sharpe; 2 edition (September2002)
- (5) Roll, E: A History of Economics Thought, Faber, London 1973
- (6) Schumpeter, J.A.: History of Economic Analysis, Oxford University Press, New York 1954
- (7) Stanley L. Brue: The Evolution of Economic Thought, The Dryden Press Sixth Edition (2000)
- (8) Screpanti Ernesto and Stefano Zamagni (2006), An outline of the History of Economic thought, Oxford Uni. Press




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BA Semester-6 Course CC - 610 (C)
Demography – 2

Objectives:

- To make students aware about socio-cultural and economic aspects of our economy
- To improve their understanding of various theories on problems and their solutions

Unit-1	Population growth, Situation in developed Countries, trends of decreasing growth rate of population in developing countries. Estimates and projection of world population.
Unit-2	Crude birth rate and mortality rates, age specific birth and death rates standardized birth and death rates. study of Fertility-Total Fertility rate, gross reproduction rate and net reproduction rate. Study of marital status. Life tables and its issues, Reproductive rate and child health in India. Temporal and spatial variation in sex ratios
Unit-3	Techniques of population projection. Concept of stationary stable and quasi stationary population. Ageing of population in India. Changes in family structure and old age security.
Unit-4	Salient features of population, censuses in India Since independence (Limited only to the growth rate and size of population) Evolution of population policy in India. Shift from population control to family welfare and women empowerment. Demographic status and household behaviour, Education, Women's autonomy and fertility. Economic living standard and family size. New population policy (in 21 st Century)

Reading list:

1. A.K. Shivkumar and others, Handbook of Population and development, oxford University Press, New Delhi, 2010
2. Kenneth c.w. Kamneyer and Hellen Ginn, An introduction to Population, Archives Books, 1988
3. Gaurat Dutt and Ashwini Mahajan, Indian Economy, S Chand ,New Delhi
4. Bogve, D.J. Principles of Demography, John Wiley, New York
5. Agarwala S.N., India's Population problem, Tata mcgraw-Hill co, Bombay
6. Bose, A., India's Basic Demographic statistics, B.R. publishing core, New Delhi
7. Census of India.




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B.A. Semester:- VI Course -610(D)
ECONOMIC INVESTIGATION

Objective:

- The main objective of this paper is to train the students to use the techniques of Mathematical and statistical analysis.
- These are commonly applied to understand and analyze economic problems.

Unit:- 1 Interpolation & Extrapolation.

Meaning of interpolation & extrapolation, Importance and uses of interpolation, Methods of interpolation -Binomial expansion- Newton's and Lagrange' s.

UNIT:- 2 Linear Programming.

Meaning - Mathematical Formulation of LPP - Importance and uses - Graphical method.

Unit:-3 Assignment and transportation problems.

Meaning of Assignment problem- Mathematical Formulation of AP, Hungarian method of solving AP.

Meaning of transportation problem -Mathematical Formulation - Cost minimization and profit maximization problems - North West corner Rule.

Unit:-4 Game Theory

Basic concepts Of game theory, payoff matrix, Zero Sum Game, Maximum and Minima principle, saddle point, mixed strategy, principle of dominance.

Basic Reading:

1. Mehta-Madnani, Mathematics for Economics, Sultan Chand & sons, New -Delhi
2. R.S.Bhardwaj, Business Statistics, Excel Books, New-Delhi.
3. Das M.N., statistical Methods and Concepts, New Age International, Delhi.
4. Gupta, S.P., statistical methods,S. Chand and Co., Delhi.
5. Kalimantan, K.P.,Applied Econometrics, Oxford & IBH. Delhi.
6. Melta, B.C. and Mehta, A.C., fundamental Econometrics, Himalaya Publishing house, Bombay.
7. Simpson, G and Kafka, fritz. , Basic Statistics, Delhi.
8. Srivastava, U.K. at all. , Quantitative Techniques for Managerial Decision, New Age International Delhi.




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Semester -VI CC 610 [E] (optional)

Socio-Economic survey – 2

Objectives : 1) Students should get primary knowledge about some research concept.
2) Students should be familiar with some socio-economic institutions.
3) students should familiar with some important publication which will be helpful for future research activities.

❖ Field work based socio-Economic survey (Particular village, community or area)

Report should be around 50 page.

❖ Evaluation system

Internal-1: 30 mark [20 marks based on brief Report of the survey (5-6 page) plus 10 marks

Based on viva voce taken by internal referee]

❖ External-2: 70 marks [50 marks based on final Report of the survey plus 20 marks based on viva voce taken by Uni. nominated external referee]

Reading List

1. O. R Krishna swami and m. Ranganathan, methodology of Research in social sciences, Himalaya publishing House.
2. General Guthrie, Basic Research method, sage Publication, Delhi
3. Matthew David & Carole D. Suttion, Social Research Sage Publication, New Delhi
4. Bill Taylor and others, Research methodology Prentice Hall of India, New Delhi
5. શાહ, વિમળ પી(1994) સંશોધન અહેવાલ લેખન, યુનિ. ગ્રંથ નિર્માણ બોર્ડ
6. અભિદ્રષ્ટિના સંશોધન વિશેષાંક, સંપાદક: ડૉ. રોહિત શુક્લ, ટ્રસ્ટિ ફાઉન્ડેશન, અમદાવાદ




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