

# SAURASHTRA UNIVERSITY



RE-ACCREDITED GRADE "A" BY NAAC  
**RAJKOT**

**FACULTY OF ARTS**  
**CODE : 01**

**SYLLABUS**  
(CHOICE BASED CREDIT SYSTEM)

**BACHELOR OF ARTS (B.A.)**

**ECONOMICS**

**SEMESTER : 1 TO 6**

**(F.Y.B.A. TO T.Y.B.A.)**

(જુન-૨૦૧૬ થી ક્રમશઃ અમલમાં)

**SAURASHTRA UNIVERSITY, RAJKOT**

**ARTS FACULTY (UG)**

**SUBJECT : ECONOMICS**

Sr. No.	Sem	Foundation / Core / Elective 1 / Elective 2	Course / Name of Paper	Paper No.	Credit	Internal Marks	External Marks	Practi. Marks	Total Marks	Course / Paper Unique Code
<b>SEMESTER - 1</b>										
1	1	Core	Principles of Economics - I	1	3	30	70	-	100	1601250101010100
2	1	Elective-1	Principles of Economics - I	1	3	30	70	-	100	1601250201010100
3	1	Elective-2	Principles of Economics - I	1	3	30	70	-	100	1601250301010100
4	1	Core	Basic Issues of Indian Economy - I	2	3	30	70	-	100	1601250101010201
5	1	Elective-1	Basic Issues of Indian Economy - I	2	3	30	70	-	100	1601250201010201
6	1	Elective-2	Basic Issues of Indian Economy - I	2	3	30	70	-	100	1601250301010201
7	1	Core	Introduction of Indian Agricultural Economics - I	2	3	30	70	-	100	1601250101010202
8	1	Elective-1	Introduction of Indian Agricultural Economics - I	2	3	30	70	-	100	1601250201010202
9	1	Elective-2	Introduction of Indian Agricultural Economics - I	2	3	30	70	-	100	1601250301010202
<b>SEMESTER - 2</b>										
10	2	Core	Principles of Economics - II	3	3	30	70	-	100	1601250101020300
11	2	Elective-1	Principles of Economics - II	3	3	30	70	-	100	1601250201020300
12	2	Elective-2	Principles of Economics - II	3	3	30	70	-	100	1601250301020300
13	2	Core	Basic Issues of Indian Economy - II	4	3	30	70	-	100	1601250101020401
<b>Sr. No.</b>	<b>Sem</b>	<b>Foundation / Core / Elective 1 / Elective 2</b>	<b>Course / Name of Paper</b>	<b>Paper No.</b>	<b>Credit</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Practi. Marks</b>	<b>Total Marks</b>	<b>Course / Paper Unique Code</b>
14	2	Elective-1	Basic Issues of Indian Economy - II	4	3	30	70	-	100	1601250201020401
15	2	Elective-2	Basic Issues of Indian Economy - II <b>OR</b>	4	3	30	70	-	100	1601250301020401
16	2	Core	Introduction of Indian Agricultural Economics - II	4	3	30	70	-	100	1601250101020402
17	2	Elective-1	Introduction of Indian Agricultural Economics - II	4	3	30	70	-	100	1601250201020402
18	2	Elective-2	Introduction of Indian Agricultural Economics - II	4	3	30	70	-	100	1601250301020402
<b>SEMESTER - 3</b>										
19	3	Core	Macro Economics - I	5	3	30	70	-	100	1601250101030500
20	3	Elective-1	Macro Economics - I	5	3	30	70	-	100	1601250201030500
21	3	Elective-2	Macro Economics - I	5	3	30	70	-	100	1601250301030500

22	3	Core	Economics of Money & Banking - I	6	3	30	70	-	100	1601250101030600
23	3	Elective-1	Economics of Money & Banking - I	6	3	30	70	-	100	1601250201030600
24	3	Elective-2	Economics of Money & Banking - I	6	3	30	70	-	100	1601250301030600
25	3	Core (Optional)	Co-Operation - I	7	3	30	70	-	100	1601250101030701
26	3	Core (Optional)	Demography - I	7	3	30	70	-	100	1601250101030702
27	3	Core (Optional)	Industrial Economics - I	7	3	30	70	-	100	1601250101030703

### SEMESTER - 4

28	4	Core	Macro Economics - II	8	3	30	70	-	100	1601250101040800
29	4	Elective-1	Macro Economics - II	8	3	30	70	-	100	1601250201040800
<b>Sr. No.</b>	<b>Sem</b>	<b>Foundation / Core / Elective 1 / Elective 2</b>	<b>Course / Name of Paper</b>	<b>Paper No.</b>	<b>Credit</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Practi. Marks</b>	<b>Total Marks</b>	<b>Course / Paper Unique Code</b>
30	4	Elective-2	Macro Economics - II	8	3	30	70	-	100	1601250301040800
31	4	Core	Economics of Public Finance - II	9	3	30	70	-	100	1601250101040900
32	4	Elective-1	Economics of Public Finance - II	9	3	30	70	-	100	1601250201040900
33	4	Elective-2	Economics of Public Finance - II	9	3	30	70	-	100	1601250301040900
34	4	Core (Optional)	Co-Operation - II	10	3	30	70	-	100	1601250101041001
35	4	Core (Optional)	Demography - II	10	3	30	70	-	100	1601250101041002
36	4	Core (Optional)	Industrial Economics - II	10	3	30	70	-	100	1601250101041003

### SEMESTER - 5

37	5	Core	Micro Economics - I	11	3	30	70	-	100	1601250101051100
38	5	Core	Development & Economics of Environment - I	12	3	30	70	-	100	1601250101051200
39	5	Core (Optional)	Quantitative Techniques and Research Methodology - I	13	3	30	70	-	100	1601250101051301
40	5	Core (Optional)	Comparative Study of Economic System	13	3	30	70	-	100	1601250101051302
41	5	Core (Optional)	Agriculture Economics - I	13	3	30	70	-	100	1601250101051303
42	5	Core	International Economics - I	14	3	30	70	-	100	1601250101051400
43	5	Core	History of Economic Thought - I	15	3	30	70	-	100	1601250101051500
44	5	Core (Optional)	Banking & Financial Market - I	16	3	30	70	-	100	1601250101051601
45	5	Core (Optional)	Regional Economics - I	16	3	30	70	-	100	1601250101051602
46	5	Core (Optional)	Computer And its Application in Economics - I	16	4	30	50	20	100	1601250101051603
<b>Sr. No.</b>	<b>Sem</b>	<b>Foundation / Core / Elective 1 / Elective 2</b>	<b>Course / Name of Paper</b>	<b>Paper No.</b>	<b>Credit</b>	<b>Internal Marks</b>	<b>External Marks</b>	<b>Practi. Marks</b>	<b>Total Marks</b>	<b>Course / Paper Unique Code</b>
47	5	Core (Optional)	Methods and techniques of Social	16	3	30	70	-	100	1601250101051604

**SEMESTER - 6**

48	6	Core	Micro Economics – II	17	3	30	70	-	100	1601250101061700
49	6	Core	Development & Economics of Environment – II	18	3	30	70	-	100	1601250101061800
50	6	Core (Optional)	Quantitative Techniques and Research Methodology – II	19	3	30	70	-	100	1601250101061901
51	6	Core (Optional)	Introduction of Social Economy Research	19	3	30	70	-	100	1601250101061902
52	6	Core (Optional)	Agriculture Economics – II	19	3	30	70	-	100	1601250101061903
53	6	Core	International Economics – II	20	3	30	70	-	100	1601250101062000
54	6	Core	History of Economic Thought – II	21	3	30	70	-	100	1601250101062100
55	6	Core (Optional)	Banking & Financial Market – II	22	3	30	70	-	100	1601250101062201
56	6	Core (Optional)	Regional Economics – II	22	3	30	70	-	100	1601250101062202
57	6	Core (Optional)	Computer And its Application in Economics – II	22	4	30	50	20	100	1601250101062203
58	6	Core (Optional)	Methods and techniques of Social Economy Research – II	22	3	30	70	-	100	1601250101062204

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# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Principles of Economics - 1 (Paper No. 1)**  
**Course (Paper) Unique Code** CORE 1601250101010100  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201010100  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301010100  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>1</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### ➤ Objectives

- To know basic concepts of economics.
- To give an outline of Economics Background.
- To explain the scope and nature of economics.
- To provide competitive atmosphere for the students.

		Marks Weightage
<b>Unit - 1</b>	<b>Introduction</b>	<b>(20)</b>
-	Nature & Field/Scope of Economics.	
-	Nature & Limitations of Economic laws.	
<b>Unit - 2</b>	<b>Definition of Economics</b>	<b>(20)</b>
-	Various definitions of economics	
-	Adam Smith, Marshall & Robinson	
-	Evaluation of each definitions	
<b>Unit - 3</b>	<b>Consumer's Behaviour (Cardinal Utility)</b>	<b>(10)</b>
-	Meaning of Utility, Marginal Utility Analysis, Law of Cardinal Marginal Utility, Law of Diminishing Marginal Utility	
<b>Unit - 4</b>	<b>Elasticity of Demand</b>	<b>(20)</b>

- Meaning, Definition of Elasticity of Demand
- Types & Measurement of Price Elasticity of demand
- Factors of elasticity of demand income elasticity of demand & cross elasticity of demand.

**Workload : 45 Hours**

**References:**

- Ahuja H. L. Advance Economic Theory, S. Chand & Co. Delhi
- Stonier & Haque, A Text Book of Economic Theory ELBS & Longman Group, London
- Samuelson P. A. and W. D. Nordhas, Economics, Tata Mac Graw Hill, New Delhi
- Gauld J. P. & Edward P. L. - Micro Economics Theory
- Karl E. Case and Ray C. Fair (2002), Principles of economics, 6th Editions
- N. Gregory Mankin (2002), Principles of Economics, Thomson



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Basic Issues of Indian Economy - 1 (Paper No. 2)**  
**Course (Paper) Unique Code** CORE 1601250101010201  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201010201  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301010201  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>1</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### ➤ Objectives

- To give an outline of Indian Economy
- To develop various sectors in the global market.
- To explain brief various problems of Indian Economy

		<b>Marks Weightage</b>
<b>Unit - 1</b>	<b>Classification of the Countries of the World</b>	<b>(15)</b>
-	Basic characteristics of Indian Economy as a Developing Country.	
<b>Unit - 2</b>	<b>Human Resource &amp; Economic Development</b>	<b>(15)</b>
-	Recent trends of population in India Causes & Impacts of Population explosion in India	
<b>Unit - 3</b>	<b>Agriculture Sector</b>	<b>(20)</b>
-	Agriculture production & productivity in India (Recent Trends)	
-	Causes & Remedies of Low Agriculture Productivity in India	
-	Crop Pattern	
<b>Unit - 4</b>	<b>Poverty</b>	<b>(20)</b>
-	Meaning & Scope of poverty in India	
-	Causes & Remedies of poverty in India	

**Workload : 45 Hours**

### References:

- Indian Economy - Datt & Sundaram
- Indian Economy - A. N. Agrawal - 2009 Edition
- World Development Report - 2012
- Economic of Under Development Countries - Jagdish N. Bhagwati

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Introduction of Indian Agriculture Economics - 1 (Paper No. 2)**

Course (Paper) Unique Code CORE 1601250101010202  
Course (Paper) Unique Code ELECTIVE-1 1601250201010202  
Course (Paper) Unique Code ELECTIVE-2 1601250301010202  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>1</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage  
(15)**

**Unit - 1 Agricultural and Economic Development**

- Meaning of Agricultural Economics
- Characteristics (Nature)
- Importance of Agricultural sector in Indian Economy
- Agricultural Production and Productivity
  - Meaning
  - Causes for low productivity in Indian Agriculture
  - Remedial steps to increase productivity

**Unit - 2 Agricultural Revolution in India (15)**

- Green Revolution Meaning
- Factors affecting to Green Revolution
- Limitations of Green Revolution in India

**Unit - 3 Agricultural Mechanisation in India (10)**

- Meaning
- Scope of Agricultural Mechanisation in India
- Necessity of Agri. Mechanisation in India
- Arguments of Favour and Infavour

**Unit - 4 Agricultural Product Price and Price Policy (15)**

- Introduction
- Price stability of agriculture product
  - Meaning and importance
  - Essentiality
  - Objectives
  - Reasons for price uncertainty of agriculture product.
- Trade condition between agriculture and non agriculture field.
- Agriculture price commission - Constitution, functions

**Unit - 5 Agriculture Labour (15)**

- Meaning
- Types of Agriculture Labour
- Problems of Agriculture Labour in India
- Remedies Steps taken by the Govt. for solution of problems of agriculture labour.

**Workload : 45 Hours**

**References:**

- (૧) કૃષિ અર્થશાસ્ત્ર : ડૉ. મહેશ વી. જોષી
- (૨) ભારતનું કૃષિક્ષેત્ર : વિકાસ અને પડકારો – લે. ડૉ. ભાસ્કર એચ. જોષી
- (૩) ગુજરાતની આંકડાકીય રૂપરેખા – માહિતી નિયામકની કચેરી, ગુજ. સરકાર, ગાંધીનગર
- (૪) આર્થિક વિકાસની સમસ્યાઓ – શ્રી જમનાદાસ કંપની, અમદાવાદ

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Principles of Economics - 2 (Paper No. 3)**  
**Course (Paper) Unique Code** CORE 1601250101020300  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201020300  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301020300  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>2</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Objectives

1. To provide different information of market structure.
2. To make competency and efficiency in the market.
3. To determine economic policy of producers.

### Marks

### Weightage

<b>Unit - 1</b>	<b>Concepts of Cost</b>	<b>(20)</b>
-	Meaning & Types of Cost - Inter-relationship between average cost & marginal cost	
<b>Unit - 2</b>	<b>Law of Returns</b>	<b>(20)</b>
-	Increasing Law of Return	
-	Constant Law of Return & Diminishing Law of Return	
<b>Unit - 3</b>	<b>Distribution Marginal Productivity Theory</b>	<b>(10)</b>
-	Theoretical Approach	
-	Why does it needs ?	
-	Evaluation of Theory	
<b>Unit - 4</b>	<b>Theory of Rent</b>	<b>(10)</b>
-	Modern Rent Theory	

**Unit - 5      Theory of Profit**

**(10)**

- Meaning & Definitions of Profit
- Difference between gross profit & net profit
- Theories of profit : Schumpeter's theory of profit

**Workload : 45 Hours**

**References:**

1. Micro economics - Mc Connell
2. Micro economics of 21st Centaury, Adhyyan Publication, New Delhi  
Dr. M. V. Joshi & Dr. Ila A. Thanki
3. Micro economic Theory - Andreu Mas - Collell, Michael D. Whinston
4. Principles of Micro Economics - Dominick Salvatore
5. Intermediate Micro Economics - A modern approach, 3rd edition,  
Hal R. Various (1993)

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Basic Issues of Indian Economy - 2 (Paper No. 4)**  
**Course (Paper) Unique Code** CORE 1601250101020401  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201020401  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301020401  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>2</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### ➤ Objectives

- To give an outline of Indian Economy
- To provide useful information about current affairs
- To provide a summary of Industrial sector

		<b>Marks Weightage</b>
<b>Unit - 1</b>	<b>Green Revolution</b>	<b>(20)</b>
-	Meaning & Definition of Green Revolution	
-	Factor & Evaluation of Green Revolution	
<b>Unit - 2</b>	<b>Economic Reforms</b>	<b>(20)</b>
-	Meaning of Economic Reforms	
-	Evaluation of Economic Reforms (LPG) in India	
<b>Unit - 3</b>	<b>Small Scale Industry</b>	<b>(20)</b>
-	Meaning & Types of Industry	
-	Importance of Small Scale Industry in India	
-	Difficulties & Problems of Small Scale Industry in India	
<b>Unit - 4</b>	<b>12th Five Year Plan (Current Five Year Plan)</b>	<b>(10)</b>
-	Objective, Approaches & Challenge of 12th Five Year Plan	

**Workload : 45 Hours**

### References:

- B. S. Minhas (1991) Public V/S Private Sectors
- Jagdish Bhagwati, India in Transition freeing the Economy

- Jagdish Bhagwati & Padma Desai, India Planning for Industrialization
- Rakesh Mohan, Small Scale Industry Policy in India
- World Development Report - 2012
- Indian Economy - A.N. Agrawal, 2012 Edition

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Introduction of Indian Agriculture Economics - 2 (Paper No. 4)**

Course (Paper) Unique Code CORE 1601250101020402  
Course (Paper) Unique Code ELECTIVE-1 1601250201020402  
Course (Paper) Unique Code ELECTIVE-2 1601250301020402  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>2</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage  
(20)**

### **Unit - 1 Land Holding**

- Meaning
- Importance of Land Holding
- Advantages & Disadvantages of Small & Large Farm
- Factors affecting on size of farm
- Factors responsible for small size of farm in India
- Remedial steps for subdivision and fragmentation
- Problems of small and marginal farmers
  - Introduction, Definition & small farmers
  - Problems of small and marginal farmers
  - Remedial steps and suggestions
  - Land reform : Meaning, essentiality, objectives, steps taken (progress) for land reforms in India.

### **Unit - 2 Agricultural Marketing**

**(20)**

- Meaning and Importance
- Types of Agricultural Marketing
- Limitations of Agricultural Marketing



- Steps suggested to remove limitation of Agricultural Marketing

### **Unit - 3 Agricultural Inputs**

**(15)**

- Meaning
- Importance
- Important Inputs :
  - (i) Irrigation : Meaning, Importance, Types, Limitations and problems of irrigations in India
  - (ii) Fertilizer : Meaning, Importance, Types
  - (iii) Seeds : Meaning, Importance, Types

### **Unit - 4 Agriculture Development in the State**

**(15)**

- Agricultural Situation of Gujarat
- Reasons of Agricultural Development in Gujarat
- Problems of Agricultural in Gujarat
- Remedial Steps of Problems of Agriculture in Gujarat
- Scheme of Agriculture Finance of Govt. of Gujarat

**Workload : 45 Hours**

#### **References:**

- (૧) કૃષિ અર્થશાસ્ત્ર : ડૉ. મહેશ વી. જોષી
- (૨) ભારતનું કૃષિક્ષેત્ર : વિકાસ અને પડકારો – લે. ડૉ. ભાસ્કર એચ. જોષી
- (૩) ગુજરાતની આંકડાકીય રૂપરેખા – માહિતી નિયામકની કચેરી, ગુજ. સરકાર, ગાંધીનગર
- (૪) આર્થિક વિકાસની સમસ્યાઓ – શ્રી જમનાદાસ કંપની, અમદાવાદ
- (૫) ભારતીય આર્થિક નીતિ : ડૉ. મહેશ વી. જોષી  
પ્રકાશક : ક્રિએટીવ પ્રકાશન, વિક્રમ બી. શાહ, એમ.જી. રોડ, વેરાવળ

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Macro Economics - 1 (Paper No. 5)**  
**Course (Paper) Unique Code** CORE 1601250101030500  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201030500  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301030500  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>3</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage**

- Unit - 1 National Income (10)**  
 - Concept of National Income, Measurements of National Income
- Unit - 2 Aggregate Demand (10)**  
 - Meaning of Aggregate Demand, Factors of determination of Aggregate demand
- Unit - 3 Consumption Function (20)**  
 - Meanings of Consumption Function, Average & Marginal Propensity to consume, Average & Marginal Propensity to saving, Determination of Consumption function, Theory of multiplier
- Unit - 4 Rate of Interest (15)**  
 - Classical theory of interest - Keynesian theory of interest
- Unit - 5 Deflation (15)**  
 - Meaning & Definition of Deflation, Causes - effects & control of Deflation

**Workload : 45 Hours**

**References:**

1. K.E. Boulding, Economic analysis ,Chapter 33.
2. George J. Stigler, The Theory of price chapter 2 & 16
3. J.M. Keynes, The general theory of employment , interest, money chapter - 8, 9 & 10
4. Dudley Dillard, The economic of J.M. Keynes chapter - 5
5. A.H. Harler - Fiscal policy and Business cycles (1941) Chapter 11 & 12
6. P. A. Samuelson - Interaction between the multiplier analysis and the principle of acceleration.
7. A.C. Pigou - The economics of welfare Chapter 3 - 8



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Economics of Money & Banking - 1 (Paper - 6)**  
**Course (Paper) Unique Code** CORE 1601250101030600  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201030600  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301030600  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>3</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

		<b>Marks Weightage (15)</b>
<b>Unit - 1</b>	<b>Basic Concepts of Money</b>	
-	Definition and Evolution of Money	
-	Function of Money	
-	Different components of money & it's changing relative significance	
<b>Unit - 2</b>	<b>Value of Money</b>	<b>(10)</b>
-	Meaning of Value of Money	
-	Methods of Price Index Number	
<b>Unit - 3</b>	<b>Theories of Value of Money</b>	<b>(15)</b>
-	Quantity theory of money (Fisher's Equation)	
-	Cash Balance theory of money (Cambridge Education)	
<b>Unit - 4</b>	<b>Indian Banking</b>	<b>(15)</b>
-	Functions of Commercial banks with reference to CORE banking	
-	Credit creation process of banks	
-	Instruments of Credit Control	

## **Unit - 5      Cheque**

**(15)**

- Definition & Characteristics of Cheque
- Significance of Cheque in Economy
- Popularity of Cheque in India

**Workload : 45 Hours**

### **References:**

- (1) An outline of Money - G. Crowther
- (2) Economic of Money & Banking - G. N. Halm.
- (3) Modern Banking - R.S. Sayers.
- (4) Central Banking - De Cocke.
- (5) Monetary Theory - M. C. Vaish.
- (6) An Introduction to money W.A.H. Coutorn chapter 1,2,3.
- (7) Money and Banking - R.P. Kent- Chapter 1 & 4
- (8) Money and the Economic system, E.M. Berneinch - 1
- (9) Banking Law & Practice in India - M. L. Tannan
- (10) Monetary Economics - S. B. Gupta
- (11) Money & Banking - S. Mitra

# FACULTY OF ARTS

## Syllabus

<b>Subject</b>	:	<b>Economics</b>
<b>Course (Paper) Name &amp; No.</b>	:	<b>Co-Operation-1 (Paper No. 7)</b>
<b>Course (Paper) Unique Code</b>	<b>CORE</b>	<b>1601250101030701</b>
<b>External Exam Time Duration</b>	:	<b>3 hours - Regular 2.15 hours</b>

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>3</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

		<b>Marks Weightage (20)</b>
<b>Unit - 1</b>	<b>Co-Operation</b>	
-	Meaning & Definition of Co-Operation	
-	Implication of Co-Operation in world & India	
<b>Unit - 2</b>	<b>Silent Features &amp; Principles of Co-operation</b>	<b>(20)</b>
-	Characteristics of co-operation main & other functions of co-operation	
-	Co-operation and other economic systems such as capitalism & mixed economy	
<b>Unit - 3</b>	<b>Co-operation &amp; Other Form</b>	<b>(20)</b>
-	Co-operation as a form of organization and other forms such as a sole trading, partnership.	
<b>Unit - 4</b>	<b>Conceptual Problem of Co-operation</b>	<b>(10)</b>
-	Such as a limited liabilities & un-limited liabilities, state & co-operation, voluntary and compulsory.	

**Workload : 45 Hours**

### References:

- (1) Co-Operative Organization - ILO
- (2) What is co-operation ? J. P. Warbasse
- (3) Co-operative movement in India - J. L. Raina
- (4) Co-operatives in India - B. K. Sinha
- (5) World co-operative movement - Margret Digby
- (6) British Co-operative movement - J. Bailey

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Demography - 1 (Paper No. 7)**  
**Course (Paper) Unique Code** CORE 1601250101030702  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>3</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit - 1 Introduction (15)**
- Meaning and Definition of Demography
  - Importance of study of demography
  - Relation of Economic Development & Population Growth
  - Impact of Population Growth on Economic Development
- Unit - 2 Theories of Population (15)**
- Population theory of Prof. Thomas Robert Malthus
  - Theory of Demographic transition
- Unit - 3 Sources of Demographic Data in India (10)**
- Census
  - Civil Registration System
  - Demographic Survey
  - National family health survey

**Unit - 4****(15)**

- Crude Birth Rate (CBR) & Crude Death Rate (CDR)
- Age Specific Birth and Death Rates
- Standardized Birth and Death Rate
- Infant Mortality Rate
- Study of Fertility
- Age Specific Fertility Rate
- Net Reproduction Rate - Gross Reproduction rates & net production rate
- Completed Fertility Rate
- Standardized Fertility Rate (SFR)
- Cohort Fertility Rate (CFR)
- Life Table - Meaning, Method and Importance

**Unit - 5      Population Projections****(15)**

- Techniques of Population Projections
- Concept of Stationary
- Importance of Population Projection
- Limitations of Projections

**Workload : 45 Hours****References:**

- (1) Agarwal S. N. (1985), India's Population problem, Tata McGraw Hill, Mumbai
- (2) Agarwal U. D. (1999), Population Projection and their accuracy, B. R. Publishing Corporation, New Delhi
- (3) Mishra B. D. (1970), An Introduction to the study of population, South Asian publishers, New Delhi
- (4) Gulati S. C. (1988), Fertility in India, An Econometric Analysis of a Metropolis, Sage Publications, New Delhi



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Industrial Economics - 1 (Paper No. 7)**  
**Course (Paper) Unique Code** CORE 1601250101030703  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>3</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks**  
**Weightage**  
**(15)**

**Unit - 1 Introduction**

- Definition, Nature and Scope of Industrial Economics
- Importance of Industrial in Economic Development

**Unit - 2 Theories of Population**

- Large Scale Industries - Importance - Roll of Development
- Meaning of Small Scale Industries, Roll of Employment, Importance - Problems
- Steps taken by Government for the development of Small Scale Industries

**Unit - 3 Industrial Location**

- Meaning of Location
- Webbers Theory of Location

**Unit - 4 Wages Determination**

- Meaning of Wages
- Types of Wages
- Real and Money Wages
- Component of Wages (Basic wages, D.A., Bonus and Prime Benefits)

**Workload : 45 Hours**

**References:**

- (1) Cherunilam F. (1994), Industrial Economics : Indian Perspective (3rd Edition)) Himalaya Publishing House, Mumbai)
- (2) Desai B. (1999), Industrial Economy in India (3rd Edition)) Himalaya Publishing House, Mumbai)
- (3) Government of Economic Survey (Annual), New Delhi
- (4) Reserve Bank of India, Report on Currency and Finance (Annual), Mumbai

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Macro Economics - 2 (Paper No. 8)**  
 Course (Paper) Unique Code CORE 1601250101040800  
 Course (Paper) Unique Code ELECTIVE-1 1601250201040800  
 Course (Paper) Unique Code ELECTIVE-2 1601250301040800  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>4</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage**

<b>Unit - 1</b>	<b>Theory of Employment</b>	<b>(20)</b>
-	Employment theory of Prof. J. B. Say	
-	Employment theory of Prof. J. M. Keynes	
<b>Unit - 2</b>	<b>Trade Cycle</b>	<b>(15)</b>
-	Meaning & Definition of trade cycle - characteristics of trade cycle	
<b>Unit - 3</b>	<b>Theories of Trade Cycle</b>	<b>(15)</b>
-	Trade Cycle theory of Prof. Hawtrey & Hayek	
<b>Unit - 4</b>	<b>Inflation</b>	<b>(20)</b>
-	Meaning & Definition of Inflation	
-	Types - causes - effects & control of inflation	

**Workload : 45 Hours**

**References:**

1. J.M. Keynes- 'The General Theory' - Chapter – 5, 11, 12, 13, 14.
2. Stonier and Hague - A Text Book of Economic Theory (1954), Chapter – 21, 22.
3. E.W. Swanson and E.P. Schmidt, Economic stagnation (1946)
4. George W. Terborgh, The Bogey of Economic Maturity (1945)
5. Alvin Hansen, A Guide to Keynes (1953)
6. J.R. Hicks - A contribution to the theory of Trade cycle.
7. J.A. Schumpeter - Business cycles and their causes (1959)

8. James Arthur Estey - Business cycles (1963)

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Economics of Public Finance - 2 (Paper No. 9)**  
**Course (Paper) Unique Code** CORE 1601250101040900  
**Course (Paper) Unique Code** ELECTIVE-1 1601250201040900  
**Course (Paper) Unique Code** ELECTIVE-2 1601250301040900  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>4</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

		<b>Marks Weightage (15)</b>
<b>Unit - 1</b>	<b>Concept of Public Finance</b>	
-	Meaning, Nature & Scope of Public Finance	
-	Difference between Public and Private Finance	
<b>Unit - 2</b>	<b>Theory of Maximum Social Welfare</b>	<b>(10)</b>
-	Concept of Maximum Social Welfare	
-	Evaluation of Maximum Social Welfare	
<b>Unit - 3</b>	<b>Taxable Capacity</b>	<b>(15)</b>
-	Meaning & Factors of Taxable Capacity	
-	Concept of absolute taxable capacity & Relative taxable capacity	
<b>Unit - 4</b>	<b>Public Revenue</b>	<b>(20)</b>
-	Meaning & Sources of Public Revenue	
-	Meaning, canons of features of best tax system	
-	Concepts of Impact of Taxation, Shifting of Taxation, Incidence of Taxation	
<b>Unit - 5</b>	<b>Public Expenditure</b>	<b>(10)</b>
-	Meaning & Causes of rising Public Expenditure	
-	Classification of Public Expenditure	
-	Effects of Public Expenditure	

**Workload : 45 Hours**

**References:**

- |      |                                     |   |                         |
|------|-------------------------------------|---|-------------------------|
| (1)  | Public finance                      | - | Hug Dalton              |
| (2)  | The Theory of Public Finance        | - | RA. Musgrave            |
| (3)  | Indian Public Finance               | - | R.N. Bhargav            |
| (4)  | Public Finance Theory and Practice  | - | A.R. Prest              |
| (5)  | Public Finance                      | - | Mrs. Ursula Hicks.      |
| (6)  | Public Finance in Theory & Practice | - | A.R. Prest (1960)       |
| (7)  | The Economics of Public Finance     | - | P.E. Taylor             |
| (8)  | The Theory of Public Finance        | - | J.L. Hanson             |
| (9)  | રાષ્ટ્રીય અર્થવિદ્યાન               | - | ડૉ. મીથાની પી. ત્રિવેદી |
| (10) | જાહેર વલત્તવ્યવસ્થાના સલદ્ધાંતો     | - | એમ. પી. ભટ્ટ            |

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Co-Operation - 2 (Paper No. 10)**  
**Course (Paper) Unique Code** CORE 1601250101041001  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>4</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

		<b>Marks Weightage</b>
<b>Unit - 1</b>	<b>Co-Operative Finance</b>	<b>(20)</b>
-	Three tire credit structure for short & medium term credit - primary credit co-operatives, District central co-operative banks, state co-operative banks	
<b>Unit - 2</b>	<b>R.B.I. &amp; Co-Operative Finance</b>	<b>(20)</b>
-	Primary land development banks, State land development banks, Urban co-operative banks	
<b>Unit - 3</b>	<b>Co-Operative Movement</b>	<b>(20)</b>
-	Co-operative movement in following countries, consumer co-operation in Denmark, Sweden & Co-operative development in Israel.	
<b>Unit - 4</b>	<b>State &amp; Co-Operative Movement, Co-Operative Education, Training &amp; Propaganda</b>	<b>(10)</b>

**Workload : 45 Hours**

### References:

- (1) Co-Operation at home and abroad
- (2) Co-Operative in Israel - NAO MILKASH
- (3) Co-Operative Banking in India - B. N. Choubey
- (4) Co-Operatives in Sweden - J. W. Anmes
- (5) Reformulation of Co-Operative Principle - D. G. Curvey
- (6) Law & Practice of Co-Operative societies in India - L. S. Shashtri

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Demography - 2 (Paper No. 10)**  
**Course (Paper) Unique Code** CORE 1601250101041002  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>4</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage**

- Unit - 1 Population Policy in India (15)**
- Aims of Population policy
  - Population policy of India - New/Recent population policy
  - Evolution of Population Policy
- Unit - 2 Population Growth in India (20)**
- Trends of Population Growth in India
  - Census - 2011 (Population, Change in Decade, Birth Rate and Death Rate Infant Mortality Rate, Life Expectancy)
- Unit - 3 Causes of Population Explosion in India (15)**
- Family Planning Programme in India - Concept, Importance
  - Evolution of Family Planning Programme in India
  - Recommendations for the Reforms
- Unit - 4 Population, Health, Poverty & Environment Linkage in India (10)**

**Unit - 5      Human Development Index**

**(10)**

- Concept
- Measures of Human Development
- Progress of Human Development in India
- Suggestions for achieving higher HDI in India

**Workload : 45 Hours**

**References:**

- (1) Bogue D. J. (1971) Principles of Demography, John Wiley, New York
- (2) Census of India, Government of India, Various Reports, New Delhi
- (3) Bose A. (1996) India's Basic Demographic Statistics, B.R. Publishing Corporation, New Delhi
- (4) Srinivasan K. (1998), Basic Demographic Techniques and Applications, Sage Publications, New Delhi



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Industrial Economics - 2 (Paper No. 10)**  
**Course (Paper) Unique Code** CORE 1601250101041003  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>4</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks**  
**Weightage**

**Unit - 1 Framework and Problems**

**(15)**

- Concept and Organization firm of a Indian Objective of Indian Industries
- Private and Public Impotents of Industrial Sector in Indian Economy

**Unit - 2 Industrial Policy in India**

**(20)**

- Industrial Policy 1991 and after
- Liberalization in Industrial Sector
- Privatization in Industrial Sector
- Globalization in Industrial Sector

**Unit - 3 Issue of Industrial Sector in India**

**(15)**

- Issue of sick industries - Competition Multi-National Companies
- Industrial Sector and Pollution - Pollution Policy

**Unit - 4 Industrial Finance of India**

**(20)**

- Importance and meaning of an Industrial Finance
- Various Sources of Industrial Finance
- IDBI & IFCI

**Workload : 45 Hours**

**References:**

- (1) Kucchal S. C. (1980), Industrial Economy of India (5th Edition),  
Chaitenya Publishing House, Allahabad
- (2) Singh A. and A. N. Sadhu (1988), Industrial Economics,  
Himalaya Publishing House, Mumbai
- (3) Ahluwalia I. J. (1995) Industrial Growth in India,  
Oxford University Press, New Delhi
- (4) Naidu K. M. (1999), Industrialization and Regional Development in India,  
Reliance Publishing House, New Delhi

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Micro Economics - 1 (Paper No. 11)**  
**Course (Paper) Unique Code** CORE 1601250101051100  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
B.A.	5	CORE	03	30	70	-	100

### Marks Weightage

**Unit - 1 INTRODUCTION : (10)**

- Meaning and definition of Micro Economics, Nature and scope of Micro Economics

**Unit - 2 Consumer's Behaviour - CARDINAL UTILITY APPROACH (15)**

- The meaning of Utility and Marginal Utility Analysis, Laws of Cardinal Marginal Utility, Law of diminishing marginal utility, Principle of Equi-Marginal Utility, Consumer's Equilibrium, Derivation of Demand Curve and Law of Demand.

**Unit - 3 Consumer's Behaviour - ORDINAL UTILITY APPROACH (15)**

- Preference Hypothesis, Marginal Rate of Substitution, Indifference Curve and Indifference Map, Properties of Indifference Curves, The Budget Line

**Unit - 4 Consumer's Behaviour - ORDINAL UTILITY APPROACH (15)**

- Consumers Equilibrium. Income Effect, Giffen Paradox, Hicksian Substitution Effect, Slutsky-Substitution Effect, Price Effect.

**Unit - 5      Elasticity of Demand**

**(15)**

- Meaning - Various Concepts of Demand Elasticity.
- Price Elasticity of Demand : Types, Measurement of Price Elasticity of Demand, Determinants of Price Elasticity of Demand

**Workload : 45 Hours**

**References :**

- Advanced Economic Thoery – S. Chand & Co. Delhi – Ahuja H. L.
- A Text book of Economic Theory – ELBS & Longman
- Economics, Tata Macgraw Hill, New Delhi, Samuleson P.A. and W.D. Nordhas
- Micro Economics Theory, Rechard Irwin Home Wood, Gauld J. P. and Edward P. L.
- An Introduction to Micro Economics MacMillan Co. of India Ltd., Delhi Ray N.C.
- Price Theory, MacMillan & Co. Ltd. London – Ryan WJL
- Principles of Economics (9<sup>th</sup> Edition) Oxford University Press, Oxford – Linsey R. G. and K. A. Chrystal

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Development & Economics of Environment - 1 (Paper No. 12)**

**Course (Paper) Unique Code** CORE 1601250101051200

**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit – 1 Economic Development and Economic Growth (15)**
- What is economic development and economic growth & difference between economic development and economic growth. - Indicators of economic development – Features of economic growth – factors affecting economic development.
- Unit – 2 Theories of Economic Growth (15)**
- Classical theory of growth – Contribution of Ricardo and Malthus – Growth theory of Shumpeter and Keynes – Economic growth stages of Prof. Rostow.
- Unit – 3 Planning and Development (15)**
- Definition and features of planning – Micro Level Planning – Direct level and block level planning – Multiple and requisites for success planning – Project planning.
- Unit – 4 Economic Development and Population (15)**
- Scope of population explosion in developing countries – Scope, features and reasons of population policy – India during planning period – Population explosion and economic development theory – Demographic transition.

**Unit – 5 Human Capital Formation and Role of Entrepreneurship**

**(10)**

- Meaning, importance and problems of Human Capital Formation – Criteria for Investment in Human Capital – Role of entrepreneurship in Economic Development – Human Development Index.

**Workload : 45 Hours**

**References :**

- Adelman I. (1961), Theories of Economic Growth and Development, Standard University Press, Stanford
- Ghatak S. (1976), An Introduction to Development Economics, Allen and Unwin, London
- Higgins B. (1959), Economic Development, Norton New York
- Kindleberger C. P. (1977), Economic Development, McGraw Hill, New York
- Meier G. M. (1995), Leading Issues in Economic Development, Oxford University Press, New Delhi
- Myint, Hla (1971), Economic Theory and Underdeveloped countries, Oxford Uni. Press, New York
- Thirlwarl A. P. (1999) Growth and Development, Macmillan London
- Sen A. K. – Growth Economics
- Tockro M. P. – Development Planning

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Quantitative Techniques and Research Methodology - 1 (Paper No. 13)**  
**Course (Paper) Unique Code** CORE 1601250101051301  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit – 1 Basic Concepts (10)**  
- Levels of economic research - The conduct of research. The role of researcher in data collection process. The role of curiosity in problem formation.
- Unit - 2 Sampling (15)**  
- Sampling design and different techniques of sampling, selection and training of field workers, fields' problems in data collection.
- Unit – 3 Data Basis (DATA MANAGEMENT) (20)**  
- Data gathering techniques, Difference sources of data : Primary, secondary, government, private, NGOs and international Agencies, editing, coding, tabulation and translation of data, presentation of data, Data analysis and reporting.
- Unit – 4 Specific Fundamental Techniques (15)**  
- Functions and graphs :  
(i) Demand function (ii) Supply function  
(iii) Linear Function (iv) Quadratic function  
(v) Hyperbola

- A competitive market, The solution of numerical example, The general solution of the linear model : shifts in demand and supply.

**Workload : 45 Hours**

**READING LIST**

- ડૉ. આર.જે. ત્રિવેદી, ગણિત અર્થશાસ્ત્ર, અનડા પ્રકાશન, અમદાવાદ
- Mike Roser, Basic Mathematics for Economists, Atlantic & Publisher's & Distributors, New Delhi
- Chiang A. C. Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
- Yamane Toro, Mathematics for Economists, Prentice Hall of India, New Delhi.
- Allen RGD, Mathematical Analysis for Economists. Macmillan Press and ELBS, London.
- Gupta S. C., Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
- Handry A. T. Operations Research, Prentice Hall of India, New Delhi.



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Comparative Study of Economic System - 1**  
**(Paper No. 13)**

**Course (Paper) Unique Code** CORE 1601250101051302

**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage**

**Unit – 1 Introduction (15)**

- Meaning and Function of Economic System
- Importance of Study of Economic System
- Methods of Comparative Study of Economic System
- Indicators

**Unit – 2 Capitalism (15)**

- Meaning and Definition of Capitalism
- Basic Characteristics of Capitalism
- Economic Institution of Capitalism

**Unit – 3 Socialism (20)**

- Meaning and Definition of Socialism
- Basic Characteristics of Socialism
- Evaluation of Socialism
- 

**Unit – 4 Mixed Economy (20)**

- Meaning and Definition of Mixed Economy
- Basic Characteristics of Mixed Economy
- Indian Experience of Mixed Economy.

**Workload : 45 Hours**

## **READING LIST**

1. Dhingra I. C. and V. K. Garg (2001), Economic System and Micro-Economic Theory, S. Chand & Co. New Delhi
2. Gustav, Renis, et. al. (ed.) (1999) The Political Economy of Comparative Development into the 21<sup>st</sup> Century, Edward Elgal Publishing U.K.
3. Halm, G. N., Economic Systems, A Comparative Analysis, 3<sup>rd</sup> Edition
4. Pigon A.C. Socialism versus capitalism.
5. Prakash O.M. (1996) Economic of liberalization, R.B.S.A. Publishers, Jaipur
6. Sen K. K. (2001) Comparative Economic System, S. Chand & Co. New Delhi
7. Sharma N. K. (1996) Economics of Developing Countries, R.B.S.A. Publication - Jaipur

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Agriculture Economics - 1 (Paper No. 13)**  
**Course (Paper) Unique Code** CORE 1601250101051303  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit – 1 Natural Wealth (15)**
- Land : meaning, importance, characteristics of land
  - Land Denudation : Reasons, remedies
  - Land Holding : Meaning, factors affecting of small farm, advantages and disadvantages of small farm, factors responsible for small size of farm in India.
- Unit – 2 Agriculture Product Price (15)**
- Introduction
  - Factors affecting for agriculture product price
  - Stability of agricultural product price.
  - Importance of stability in product price.
  - Reasons for price uncertainty.
- Unit – 3 Agriculture Price Policy (20)**
- Introduction
  - Importance, structure and function of Agri. Price Commission.
  - Price Stability : Meaning, Essentiality.
  - Main objectives of Agriculture Price Policy.
  - Evaluation and suggestions of Agriculture Price Policy.
- Trade Conditions between Agriculture and non Agriculture field.**
- Introduction, meaning.
  - Argument of trade condition unfavoured to Agriculture field.
  - Argument of trade condition in favoured to Agriculture field.



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **International Economics - 1 (Paper No. 14)**  
**Course (Paper) Unique Code** CORE 1601250101051400  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

		Marks Weightage
<b>Unit – 1</b>	<b>Importance of Trade :</b>	<b>(10)</b>
	- Importance of foreign trade - The difference between Inter-regional and International Trade.	
<b>Unit – 2</b>	<b>International Trade Theories :</b>	<b>(15)</b>
	- Theories of absolute advantage, Comparative advantage - Law of Reciprocal Demand and offer curves.	
<b>Unit – 3</b>	<b>Mechanism of Foreign Exchange and Trade :</b>	<b>(15)</b>
	- Exchange Rate : Meaning, Determination of foreign exchange rate, Purchasing, Power Parity Theory, The demand and supply theory, Fixed and Fluctuating exchange rate	
<b>Unit – 4</b>	<b>The Balance of Payment</b>	<b>(15)</b>
	- The concept of balance of trade and balance of payment, deficit or disequilibrium of balance of payment. - Equilibrium of balance of payment - Remedies for the equilibrium of balance of payment	
<b>Unit – 5</b>	<b>Trade Policies</b>	<b>(15)</b>
	- Free Trade : Advantage and Disadvantages, Protections, Tariffs Vs Quotas.	

**Workload : 45 Hours**

## **READING LIST**

1. Kenen P. B. (1994) The International Economy, Cambridge Uni. Press – London
2. Kindleberger C. P. (1973) International Economics, R. P. 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 Saddle River, N. J.
5. Sodersten B. O. (1991) International Economics, MacMillan Press Ltd., London
6. Greenway D. (1983) International Trade Policy, MacMillan Publishers Ltd. London
7. Heller H. R. (1968) International Monetary Economics, Prentice Hall, India

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **History of Economics Thought - 1 (Paper No. 15)**  
**Course (Paper) Unique Code** CORE 1601250101051500  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

**Unit – 1 History of Economic Thought : 15**

- Meaning, Economic History, History of Economics, History of Economic Thought

**Unit – 2 Classical Thought : 20**

- Adam Smith : Division of Labour, Views on trade, Laissez Faire Economy, Economic Development.
- David Ricardo : Theory of Rent, Thought on International Trade.
- Thomas Malthus : The Population Theory - Evaluate
- J. B. Say : Law of Market
- Friedrich List : Thought on Nationality and Protection.
- J. S. Mill : Thought on value and International Trade.

**Unit – 3 Marginalists and Neo-classical Thoughts : 20**

- Jevons : Thought of value
- J. B. Clark : Marginalist theory of Clark
- Marshall : Concept of cost, Value, Consumption and Demand Analysis
- Pigou : Welfare Economics
- Pareto : Optimality Theory

**Unit – 4 Thought on Socialism 15**

- Karl Marx : Scientific Socialism, Labour Theory of Value, Theory of Surplus value – Theory of Economic Development

**Workload : 45 Hours**

**Reference :**

1. History of Economic Analysis : J.A. Schumpeter
2. Ten Great Economists : J.A. Schumpeter
3. A History of Economic Thought : J. F. Bell
4. History of Economic Thought : Lewis H. Haney
5. History of Economic Thought : Eric Roll
6. Landmarks of Economic Thought : J. M. Ferguson
7. The Development of Economic Thought : P. C. Newman
8. A History of Economic Thought : Gide & Rist
9. The Development of Economic Thought : H. W. Spiegel
10. A History of Economic Thought : O. H. Taylor
11. Readings in the History of Economic Thought : S. H. Paterson
12. Towards the Understanding of Kari Marx : Sidney Hook
13. Development of Economics : W. A. Scou
14. The Meaning & Validity of Economic Thought : Leo Rogin



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Banking & Financial Market - 1 (Paper No. 16)**  
**Course (Paper) Unique Code** CORE 1601250101051601  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Supply of Money :</b>	<b>20</b>
	<ul style="list-style-type: none"><li>- Meaning of supply of money</li><li>- Elements of money</li><li>- Factors the supply of money.</li></ul>	
<b>Unit – 2</b>	<b>Demand for Money :</b>	<b>20</b>
	<ul style="list-style-type: none"><li>- Meaning &amp; demand of money</li><li>- Various Approaches and The Demand for Money</li><li>- Liquidity Trap</li><li>- Monetary Equilibrium &amp; the Rate of Interest</li></ul>	
<b>Unit – 3</b>	<b>Indian Money Market</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Meaning &amp; Definition of Money Market</li><li>- Features &amp; Types of Money Market</li></ul>	
<b>Unit – 4</b>	<b>Indian Capital Market</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Meaning of Capital Market</li><li>- Development of Non Banking Finance</li><li>- Non Banking Financial Companies in Indian Capital Market</li></ul>	

## **Workload : 45 Hours**

### **❖ References :**

1. Gupta S. B. (1983), Monetary Economics, S. Chand & Co., New Delhi
2. Gupta S. B. (1979), Monetary Planning for India, Oxford University Press, Delhi
3. Mitra S. C. (1970) Money and Banking, Random House, New York
4. Rangrajan C. (1999) Indian Economics, Essays on Money and Finance, UBS Publishers, New Delhi
5. Sayers R. S. (1978) Modern Banking, Oxford Uni. Press, New Delhi
6. Grable J. O. (1992) International Financial Markets, Elsevire, New York
7. Joshi M. V. “Approach to monetary reforms” in Financial Sector Reforms and Economic Growth in India (Ed.) Mrs. S. Murthy, RBSA Publishers, Jaipur

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Regional Economics - 1 (Paper No. 16)**  
**Course (Paper) Unique Code** CORE 1601250101051602  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
B.A.	5	CORE	03	30	70	-	100

### Marks Weightage

<b>Unit – 1</b>	<b>Concepts</b>	<b>25</b>
	- Why regional economics ? What is a Region ? Different type of Regions – Regional income Problems of estimation – Indicators of regional development.	
<b>Unit – 2</b>	<b>Techniques of Regional Analysis</b>	<b>25</b>
	- Regional and Inter-regional Input-Output Analysis – Attraction model – Gravity model – Shift share analysis.	
<b>Unit – 3</b>	<b>Regional Policy</b>	<b>20</b>
	- People Prosperity V/S place prosperity – Formation of inter-regional objectives – Consistency between national and regional objectives.	

### Workload : 45 Hours

#### ❖ References :

1. Chand M. and V. K. Puri (1983) Regional Planning in India, Allied Publishers, New Delhi
2. Hoover E. M. (1974) An Introduction to Regional Economics, Alfred A. Knopf, New York
3. Isard W. (1960) Methods of Regional Analysis, MIT Press, Cambridge, Mass
4. Richardson H. W. (1969) Regional Economics, Weidenfield And Nicolson, London
5. Rao H. (1984) Regional Disparities and Development in India, Ahish Publishing House, New Delhi

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Computer & Its Application in Economics - 1 (Paper No. 16)**

**Course (Paper) Unique Code** CORE 1601250101051603

**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>04</b>	<b>30</b>	<b>50</b>	<b>20</b>	<b>100</b>

		<b>Marks Weightage</b>
<b>Unit – 1</b>	<b>Basic of Computers – I</b> - Computer fundamental : Organization and Component of Computer (Basic architecture of a Computer / functional diagram of a Computer system)	<b>10</b>
<b>Unit - 2</b>	<b>Basic of Computers – II</b> - Type of Computers : Micro; Mini; Mainframe; Super	<b>10</b>
<b>Unit - 3</b>	<b>Basic of Computers – III</b> - Computer hardware : CPU, Memory, Disk, Drives, VDU, Keyboard, Mouse and printer	<b>10</b>
<b>Unit - 4</b>	<b>Basic of Computers – IV</b> - Computer Software : System software (operating systems) and application software	<b>10</b>
<b>Unit – 5</b>	<b>Use of Computers for office Automation (MS WORD-2000)</b> - Word Processor software (MS word-2000) - Concept of word processing, creation of new document, opening and existing document saving document, Navigating word document, entering, editing selecting, copying, moving and formatting paragraph, using text box, inserting clip art and word art.	<b>10</b>
<b>PRACTICAL: Practical Based on Unit – 5</b>		<b>20</b>

**Workload : 45 (Teaching) + 15 (Practical) = 60 Hours**

**References :**

1. Kerns, (1993) Essentials of Microsoft Windows, Word and Excel, Prentice Hall of India, New Delhi.
2. Rajaraman, V. (1996), FUNDAMENTAL OF Computers, Prentice Hall, New Delhi.
3. Schied, F. (1983), Theory and problems of Computers and Programming, Schaum's outline series, McGraw Hill, New Delhi.
4. Additional reading list :

5. Amir D. Aczel, Complete Business statistics Tata McGraw-Hill publishing Company Ltd. New Delhi.

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Methods & Techniques of Social Economy  
Research - 1 (Paper No. 16)**  
**Course (Paper) Unique Code** CORE 1601250101051604  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>5</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Social Survey :</b>	<b>20</b>
	- Meaning, Characteristics and Objectives of Social Survey.	
	- Difference between social survey and research – Relation between survey and research.	
<b>Unit – 2</b>	<b>Sources and Types of Data :</b>	<b>25</b>
	- Sources of Data Collection	
	- Primary and Secondary	
	- Quantitative and Qualitative.	
<b>Unit – 3</b>	<b>Census and Sample :</b>	<b>25</b>
	- Meaning and Limitations of Census – Types of Census.	
	- Meaning and Characteristics of Sample.	
	- Need of Sampling, Types of Sample, Use and Limitations of Sample.	

### Workload : 45 Hours

#### • References :

1. Gee Wilson (1950) Social Science Research Methods
2. Dr. Vijay Hazare (1994) Research Methodology, Jaipur
3. Good and Hatt (1952) Methods in Social Research
4. Jahoda (1955) Research Methods in Social Relations.
5. Tripathi P. C. (2001) A Textbook of Research Methodology in Social Sciences.

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Micro Economics - 2 (Paper No. 17)**  
**Course (Paper) Unique Code** CORE 1601250101061700  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit – 1**      **CONCEPT OF COST AND REVENUES**      **20**
- Theory of short-run costs, Total fixed and variable costs in the short Run, Average cost (AC) and Marginal cost (MC) Relation between Average & Marginal Cost Curve.
  - Concepts of Total, Average and Marginal Revenue.
  - Average a Marginal Revenue under perfect and Imperfect Competition.
  - Conditions for Equilibrium of the Firm.
- Unit – 2**      **THEORY OF FIRM – 1**      **20**
- Perfect competition : Meaning and Conditions of Perfect Competition, The Demand curve of a Product
  - Facing perfectly competitive firm, Perfect competition.
  - Distinguished from pure competition Production & Pricing under perfect competition.
- Unit – 3**      **THEORY OF FIRM – 2**      **15**
- Monopoly : - Meaning and Conditions, Production and Pricing Under Monopoly.
  - Price Discrimination : Meaning of Price Discrimination when is Price Discrimination is possible when is Price Discrimination profitable, Equilibrium under Price Discrimination.
- Unit – 4**      **THEORY OF FIRM – 3**      **15**
- Monopolistic Competition : The concept of monopolistic competition and product differentiation price-output Equilibrium under Monopolistic Competition.
  - Monopolistic Competition :- Equilibrium of the individual Firm, Group Equilibrium Excess Capacity.

**Workload : 45 Hours**

## **REFERENCE :**

1. AHUJA H.L., Advanced Economic Theory, S. Chand and Co. Delhi
2. Stonier & Haque, A Text Book of Economic Theory - ELBS & Longman Group, London
3. Samuelson P. A. and W. D. Nordhas, ECONOMICS - Tata MacGraw Hill, New Delhi
4. Gauld J. P Edward P L. Micro Economics Theory, Recharad Irwin Home Wood.
5. Ray N. C., An Introduction to Microeconomics - Macmillan Company of India Ltd., Delhi.
6. Ryan WJL, Price Theory, MacMillan & Co. Ltd. LONDON.
7. Linsey-R. G. and K. A. Chrystal. Principles of Economics (9<sup>th</sup> Edition) Oxford University Press, Oxford.



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Development & Economics of Environment - 2 (Paper No. 18)**

**Course (Paper) Unique Code** CORE 1601250101061800

**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit – 1 Economic Development and Environment 15**
- Define of environment – Importance of environmental balanced – Various scope of environment – Discuss about environmental crises – Economic Development and declare of environmental level policy – Why does worry about environmental & Development policy needs of charges.
- Unit – 2 Problems of Indian Environment 15**
- Industrialization and pollution – Deforestation and environmental problems – Water resources and environmental problems – Agriculture development and environmental problems – Climate change.
- Unit – 3 Various Measurement of Pollution Controls 10**
- Pollution policy – Environmental movement in India.
- Unit – 4 Sustainable Development & Environment 15**
- Define and definition of economic development – Explanation of approach – Indicators of sustainable development – Evolution and development of approach – Growth and sustainable development – Theoretical analysis of sustainable development – Economic development and problems of environment – Protection of environment and development problem – Environment protection in Indian and sustainable development.

- Eco friendly production and Environment (Effect & Protection) (Benefit & Useful)

**Workload : 45 Hours**

**REFERENCE :**

1. Adelman – 1., (1961) Theories of Economics Growth and Development, Standard University, Standford.
2. Ghatak S., (1976), An Introduction to Development Economics, Allen and Unwin, London
3. Higgins, B., (1959) Economics Development, Norton New York
4. Kindleberger, C.P. (1977) Economic Development, McGraw Hill, New York
5. Meier G. M. (1995) Leading Issues in Economics Development, Oxford University Press, New Delhi
6. Thirdwal A. P. (1999) Growth and Development, Macmillan, London

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Quantitative Techniques and Research  
Methodology - 1 (Paper No. 19)**  
**Course (Paper) Unique Code** CORE 1601250101061901  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Differentiations</b> - Rules of differentiation, Application of differentiation in Economics.	<b>15</b>
<b>Unit - 2</b>	<b>Maxima - Minima</b> - Extreme Values, Points of inflection and stationary values, Economic application of maxima – minima.	<b>10</b>
<b>Unit – 3</b>	<b>Introduction to Matrix Algebra</b> - Definition of Matrix, Addition and multiplication, Vectors, Determinants, Finding the inverse matrix, Cramer’s rule.	<b>15</b>
<b>Unit – 4</b>	<b>Central Tendency</b> - Frequency distribution, Cumulative frequency.	<b>15</b>
<b>Unit – 5</b>	<b>Dispersion</b> - Range, Quartile deviation, Mean deviation, standard deviation and Co-efficient of Variation.	<b>15</b>

### Workload : 45 Hours

#### REFERENCE :

- ડૉ. આર.જે. મોદી, ગણિત અર્થશાસ્ત્ર, અનડા પ્રકાશન, અમદાવાદ
- Mike Roser, Basic Mathematics for Economics, Atlantic Publisher’s & Distributors, New Delhi
- Chiang A. C. Fundamental Methods of Mathematical Economics, McGraw Hill, New York.
- Yamane Toro, Mathematics for Economists, Prentice Hall of India, New Delhi.
- Allen RGD, Mathematical Analysis for Economists. Macmillan Press and ELBS, London.
- Gupta S. C., Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi.
- Handry A. T. Operations Research, Prentice Hall of India, New Delhi.



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Introduction of Social Economy Research (Paper No. 19)**

**Course (Paper) Unique Code** CORE 1601250101061902

**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Science and Scientific Method</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Meaning and characteristics of science.</li><li>- Meaning and characteristics of scientific method.</li><li>- Elements and steps of scientific method.</li></ul>	
<b>Unit – 2</b>	<b>Social Research</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Meaning, characteristics and objectives of social research.</li><li>- Major steps in social research.</li><li>- Importance of social research.</li></ul>	
<b>Unit – 3</b>	<b>Types of Social Research</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Pure research and applied research.</li><li>- Descriptive research, Experimental research, Introductory research.</li></ul>	
<b>Unit – 4</b>	<b>Concept and Hypothesis</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Concept – Meaning and characteristics of concept, Importance of concept</li><li>- Hypothesis : Meaning and characteristics of Hypothesis, Sources and Functions of Hypothesis and Limitations.</li></ul>	
<b>Unit – 5</b>	<b>Research Design</b>	<b>10</b>
	<ul style="list-style-type: none"><li>- Important points to be take in to consideration while preparing research design.</li></ul>	

**Workload : 45 Hours**

## **REFERENCE :**

1. Gee Willson (1950) Social Science Research Methods,
2. Dr. Vijal Hazar (1994) Research Methodology - Jaipur
3. Goode and Hatt (1952) Methods in Social Research
4. Dr. V. P. Sharma (2007) Research Methodology
5. Bogardus : Introduction to Social Research
6. Landberg G. A. : Social Research
7. Shah and Dave (2002) Methods in Social Research

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Agriculture Economics - 2**  
**(Paper No. 19)**  
**Course (Paper) Unique Code** CORE 1601250101061903  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

- Unit – 1**      **Agriculture Finance**      **15**
- Introduction
  - Necessity, importance and objectives of Agriculture Finance
  - Features of Agriculture Finance
  - Classification of Agriculture Finance
  - Cause for increase (raise) Agriculture Finance (debit) of Indian farmers.
  - Remedial measures to decrease Agriculture Finance (debit) of Indian farmers.
- Unit – 2**      **Sources of Agriculture Finance**      **20**
- Co-operative Credit Society : Introduction, objectives and functions
  - State Co-operative Bank : Introduction, objectives and functions
  - Regional Rural Bank : Introduction, objectives and functions and limitations.
  - NABARD : Introduction, objectives and functions
  - Land Development Bank : Introduction, functions and limitations
- Unit – 3**      **Problems of small and marginal farmers.**      **15**
- Introduction, definition
  - Problems of small farmers
  - Land distribution and land reforms
    - Meaning, Necessity and objectives, Positive steps taken by land reforms

**Unit – 4      Agriculture and External Sector**

**20**

- Introduction
- Characteristics of developing countries
- Main problems of livelihood based agriculture
- GATT and WTO
  - Emergence of GATT
  - Objectives of GATT
  - Difference between GATT and WTO
  - Proposals of Dukan Bill
  - Problems of WTO
  - Agreement on agriculture Sector
  - Effect of WTO on Indian Agriculture

**Workload : 45 Hours**

**REFERENCE :**

1. Indian Economics : Dr. B. D. Parmar
2. Problems of Economic Development of India : Dr. B. D. Parmar and et. al.
3. Agriculture sector of India : Development and challenges : Dr. Bhasker H. Joshi
4. Indian Economic Policy : Dr. Mahesh V. Joshi
5. Agriculture Economics : Dr. Mahesh V. Joshi
6. Problems of Indian Agriculture and Policy : Dr. Yogesh N. Vansiya and Prin. R. C. Joshi



# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **International Economics - 2 (Paper No. 20)**  
**Course (Paper) Unique Code** CORE 1601250101062000  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Foreign Trade in India :</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Foreign Trade in India after 1991</li><li>- Compositions of Indian Foreign Trade</li><li>- Directions of Indian Foreign Trade.</li></ul>	
<b>Unit – 2</b>	<b>Balance of payment of India :</b>	<b>15</b>
	<ul style="list-style-type: none"><li>- Deficit or disequilibrium of balance of payment of India.</li><li>- Causes and remedies.</li><li>- Convertibility of Rupee in India and Determination of Exchange Rate in India.</li></ul>	
<b>Unit – 3</b>	<b>Exchange Rate in India</b>	<b>20</b>
	<ul style="list-style-type: none"><li>- Exchange rate in India</li><li>- Convertibility of Rupee in India</li></ul>	
<b>Unit – 4</b>	<b>Foreign Trade Policy :</b>	<b>20</b>
	<ul style="list-style-type: none"><li>- Current Foreign Trade Policy of India.</li><li>- Import and Export Policy.</li><li>- An analysis of Exports and Imports.</li><li>- Impacts of current trends of International Economy on Indian Economy.</li></ul>	

**Workload : 45 Hours**

## **REFERENCE :**

1. Kenan P. B. (1994) The International Economy, Cambridge University Press – London
2. Kindlberger C. P. (1973) International Economics – R. P. Irwin, Homewood
3. Krugman P.R. and Obstfeld (1994) International Economics, Theory and Policy, Grenview Foresman
4. Salvatone D. L. (1997) International Economics, Prentice Hall, Upper Saddle River N. J.
5. Sodersten B. O. (1991) International Economics, Macmillan Press Ltd., London
6. Greenway D. (1983) International Trade Policy, Macmillan Press Ltd., London
7. Heller H. R. (1968) International Monetary Economics, Prentice Hall, India
8. Joshi V. and I.M.D. Little (1998) India's Economic Reform, Oxford University Press, Delhi

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **History of Economic Thought - 2 (Paper No. 21)**  
**Course (Paper) Unique Code** CORE 1601250101062100  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

**Marks  
Weightage**

- |                 |   |           |
|-----------------|---|-----------|
| <b>Unit – 1</b> | <b>Keynesian Economic Thought :</b>   | <b>15</b> |
|                 | <ul style="list-style-type: none"> <li>- Characteristics of Keynesian Economics</li> <li>- Revolutionary thought of Keynes against classical thoughts</li> <li>- Economic thought (in brief)</li> <li>- Consumption Function, Thought on marginal efficiency of capital.</li> <li>- Effective demand, Employment and Interest.</li> <li>- Deficit Budget and Fiscal deficit.</li> </ul>   |           |
| <b>Unit – 2</b> | <b>Modern Economic Thought :</b>  | <b>15</b> |
|                 | <ul style="list-style-type: none"> <li>- Schumpeter, Hicks, Fisher, Mrs. John Robinson, Milton Friedman, Pawl Semulson.</li> </ul>  |           |
| <b>Unit – 3</b> | <b>Indian Economic Thought – 1</b>  | <b>20</b> |
|                 | <ul style="list-style-type: none"> <li>▶ Ancient Economic Thought – Ram Rajya Model, Main Concepts of Kautilya Economics.</li> <li>▶ Pre-Independence Economic Thoughts : Dadabhai Navroji : Drain theory.                             <ul style="list-style-type: none"> <li>• Ranade : Economic Development.</li> <li>• Gandhian Economic Thought : Dignity of Labour, Theory of Trusteeship, Gram Swaraj, Sarvoday, Decentralization.</li> </ul> </li> </ul> |           |

- Post – Independence Economic Thought :  
Mahalanobis model in Indian Planning.

- Dr. B. R. Shinoy : Thought on Indian Planning.
- Dr. A. K. Sen : New Welfare Economy – theory of social choice.
- Dr. Jagdish Bhagwati : Thought on International Trade.

**Workload : 45 Hours**

**REFERENCE :**

1. Keynesian Economics in the Stream of Economic Thought – H. L. Mc Crecken
2. Keynesianism – Retrospect and Prospect – W. H. Hutt
3. The failure of the New Economics – Henry Hazlitt
4. Contemporary Economic Thought – P. T. Haffmen
5. An Essay on Gandhian Economics – J. J. Anjaria
6. Principles of Gandhian Planning – Shriman Narayan
7. Development of Economic Ideas in India – P. K. Gopalkrishnan
8. Tendencies in Recent Economic Thought – Brij Narain
9. A Critical Study of Gandhian Economic Thought – S. N. Jha
10. Indian Economic Thought – B. N. Ganguli
11. The Arthashashtra – L. N. Rangrajan
12. History of Indian Economic Thought – A. Dasgupta
13. मानव अर्थशास्त्र – नरहरि परीष

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Banking & Financial Market - 2 (Paper No. 22)**  
**Course (Paper) Unique Code** CORE 1601250101062201  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Banking Structure in India :</b>	<b>15</b>
	- Private Banks – Foreign Banks – Regional Rural Banks – NABARD – Evaluation of Banking Structure in India.	
<b>Unit – 2</b>	<b>Nationalized Commercial Banks :</b>	<b>15</b>
	- Reasons of Nationalized Commercial Banks – Problems of Nationalized Commercial Banks – Evaluation of Nationalized Commercial Banks.	
<b>Unit – 3</b>	<b>Indian Capital Market – 1</b>	<b>10</b>
	- Meaning of Capital Market – Development of Non-Banking Financial Intermediaries.	
<b>Unit – 4</b>	<b>Indian Capital Market – 2</b>	<b>15</b>
	- Non-Banking Financial Companies in Indian Capital Market – NBFCs – Other Financial Intermediaries – Evaluation of Non-Banking Financial Institutes.	
<b>Unit – 5</b>	<b>Reserve Bank of India :</b>	<b>15</b>
	- Objectives of credit control of Reserve Bank – Recent policy of R.B.I. – Evaluation of Reserve Bank of India – SEBI – Functions of SEBI.	

**Workload : 45 Hours**

**References :**

1. Monetary Planning in India – S. B. Gupta
2. Indian Financial System – H. R. Machhirajo
3. Indian Financial Policy – S. S. Tarapoor
4. Financial Markets – Robinson & Rightsman
5. Reserve Bank of India : Functions & Working
6. Monetary Theory – M. C. Vaish
7. Central Banking – De Cocke
8. Economics of Money and Banking – G. N. Halm

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Regional Economics - 2 (Paper No. 22)**  
**Course (Paper) Unique Code** CORE 1601250101062202  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Gujarat Economy : Population</b>	<b>15</b>
	- Population – 2001 – Density – Age composition – Birth and death rate – Urban–Rural Population Analysis.	
<b>Unit – 2</b>	<b>Gujarat Industry</b>	<b>20</b>
	- Industrial Development of Gujarat – Role of Industrial Development of Gujarat – Economic Aspects and Problems of Small Scale and Major Industries in Gujarat.	
<b>Unit – 3</b>	<b>Gujarat Agriculture</b>	<b>20</b>
	- Introduction of Land use in Gujarat – Crop Pattern of Gujarat Irrigation Land use Impact of Narmada Project in Agricultural Sector of Gujarat	
<b>Unit – 4</b>	<b>Saurashtra Economy (In short)</b>	<b>15</b>
	- Population – Agriculture – Industries – Infrastructure.	

### Workload : 45 Hours

#### References :

1. Chand M. and V. K. Puri (1983) Regional Planning in India Allied Publishers – New Delhi
2. Hoover E. M. (1974) An introduction to regional economics, Alfred A. Knopf, New York
3. Isard W. (1960) Methods of Regional Analysis, MIT Press, Cambridge – Mass
4. Richardson H. W. (1969) Regional Economics, Weidenfield and Nicolson – London

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Computer & Its Application in Economics - 1 (Paper No. 22)**

**Course (Paper) Unique Code** CORE 1601250101062203

**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>04</b>	<b>30</b>	<b>50</b>	<b>20</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Use of Computer for office Automation (MS Excel-2000)</b>	<b>10</b>
	- Spreadsheet Package (MS Excel-2000) - Concept of Cell, Cell range, Worksheet and workbook.	
<b>Unit – 2</b>	<b>MS Excel-2000 (Contd.)</b>	<b>10</b>
	- Creation of new workbook, opening and existing workbook, saving workbook, Navigating Excel worksheet / workbook.	
<b>Unit – 3</b>	<b>MS Excel-2000 (Contd.)</b>	<b>10</b>
	- Types of data; entering, editing, deleting, copying and moving data in cells, selecting, inserting and deleting cells, rows, columns, ranges and worksheets, cell formatting, formulas, operations, precedence of operators, cell referencing (absolute, relative and circular)	
<b>Unit – 4</b>	<b>MS Excel-2000 (Contd.)</b>	<b>10</b>
	- Concept of database : table, records and fields, sorting and filtering of data table; creation of charts using chart wizard.	
<b>Unit – 5</b>	<b>Data Analysis and Trend Forecasting</b>	<b>10</b>
	- Usage of following MS Excel's library functions for data analysis and forecasting :	



SUM, AVERAGE, MEDIAN, MODE, STDEV, VAR, CORREL, COVAR, NORMDIST, NORMINV, BINOMDIST, GROWTH.

**PRACTICAL : Practical Based on Unit – 1 to Unit - 5**

**20**

**Workload : 45 (Teaching) + 15 (Practical) = 60 Hours**

• **References :**

1. Kerns, (1993) Essentials of Microsoft Windows, Word and Excel, Prentice Hall of India, New Delhi. 2. Rajaraman, V. (1996), FUNDAMENTAL OF Computers, Prentice Hall, New Delhi.
3. Schied, F. (1993), Theory and problems of Computers and Programming, Schaum's outline series, McGraw Hill, New Delhi.
4. Additional reading list
5. Amir D. Aczel, Complete Business statistics Tata McGraw - Hill publishing Company Ltd. New Delhi.

# FACULTY OF ARTS

## Syllabus

**Subject** : **Economics**  
**Course (Paper) Name & No.** : **Methods & Techniques of Social Economy  
Research - 2 (Paper No. 22)**  
**Course (Paper) Unique Code** CORE 1601250101062204  
**External Exam Time Duration** : **3 hours - Regular 2.15 hours**

Name of Program	Semester	Course Group	Credit	Internal Marks	External Marks	Practical / Viva Marks	Total Marks
		Foundation Or Core Or Elective-1 Or Elective-2 Or Practical Or Project					
<b>B.A.</b>	<b>6</b>	<b>CORE</b>	<b>03</b>	<b>30</b>	<b>70</b>	<b>-</b>	<b>100</b>

### Marks Weightage

<b>Unit – 1</b>	<b>Techniques of the Data Collections :</b>	<b>30</b>
	- Observation - Questionnaire - Interview	
<b>Unit – 2</b>	<b>Analysis of Data and Classification :</b>	<b>20</b>
	- Meaning and Characteristics - Theory, Types and Importance of Classification.	
<b>Unit – 3</b>	<b>Research Report Writing :</b>	<b>20</b>
	- Uses of Library - Uses of Computer	

### Workload : 45 Hours

#### References :

1. Tripathi P. C. (2001) A Text Book of Research Methodology in Social Sciences, S. Chand & Co. New Delhi
2. Shah Vimal – 1972 – Research Designs and Strategies.
3. Dr. L. N. Koli, Now to Research – Through Model
4. Good and Hatt Methods in Social Research – 1952
5. Dr. V. P. Sharma – Research Methodology – 2007
6. સંશોધન પદ્ધતિઓ અને પ્રવિધિઓ – યુનિ. નિર્માણ બોર્ડ – સ્વ. ડૉ. હરિભાઈ દેસાઈ અને ડૉ. કૃષ્ણકાંત દેસાઈ

અર્થશાસ્ત્ર વિષયનું પેપર સેટીંગનું માળખું  
નમુનો-૨૦૧૬

સૂચના: પ્રશ્નપત્રમાં લખવાની સૂચના

૧. રેગ્યુલર વિદ્યાર્થીઓએ માત્ર વિભાગ-૧માં દર્શાવેલા ૭૦ ગુણના ચાર પ્રશ્નો જ લખવાના રહેશે. એક્સટર્નલ વિદ્યાર્થીઓએ બંને વિભાગના કુલ ૧૦૦ ગુણના ૬ પ્રશ્નો લખવાના રહેશે.
૨. રેગ્યુલર વિદ્યાર્થીઓ માટે અઢી કલાક(૨:૩૦)નો સમય રહેશે. એક્સટર્નલ વિદ્યાર્થીઓ માટે ત્રણ કલાક(૩:૦૦) નો સમય રહેશે.

વિભાગ-૧ ( રેગ્યુલર અને એક્સટર્નલ બંને વિદ્યાર્થી માટે છે.)

પ્રશ્ન:૧		૧૫ ગુણ
પ્રશ્ન:૨		૧૫ ગુણ
પ્રશ્ન:૩	(અ)	૧૦ ગુણ
	(બ)	૧૦ ગુણ
પ્રશ્ન :૪	(અ)	૧૦ ગુણ
	(બ)	૧૦ ગુણ

વિભાગ-૨ ( ફક્ત એક્સટર્નલ વિદ્યાર્થી માટે છે.)

નીચેનામાંથી કોઈપણ બે ના આંતરીક વિકલ્પના આધારે જવાબ આપો. (કુલ ગુણ-૩૦)

પ્રશ્ન: ૫		૧૫ ગુણ
<u>અથવા</u>		
પ્રશ્ન: ૫		૧૫ ગુણ
પ્રશ્ન : ૬		૧૫ ગુણ
<u>અથવા</u>		
પ્રશ્ન : ૬		૧૫ ગુણ

નોંધ: પેપર સેટ કરતા સમયે અભ્યાસક્રમમાં દર્શાવેલ ગુણભારને ધ્યાનમાં રાખી ,ઉપરોક્ત માળખા પ્રમાણે પ્રશ્નપત્ર સેટ કરવાનું રહેશે.