



# Bhavan's Vivekananda College

Of Science, Humanities and Commerce  
Autonomous College- Affiliated to Osmania University  
Re-Accredited with 'A' Grade by NAAC  
Sainikpuri, Secunderabad- 500094

## DEPARTMENT OF ECONOMICS

### BA PROGRAM- ECONOMICS SYLLABUS (w.e.f. 2022- 23)

#### Scheme of Instruction and Examination

#### Choice Based Credit System (CBCS) Syllabus - w.e.f. 2022-2023

Year	Semester	DSC/GE/ DSE/SEC	Paper	Paper Code	Title	Credits	PPW	Max Marks	
								CIA	SEE
	I	DSC*	I	EC194	Micro-Economics	5	5	30	70
	II	DSC*	II	EC 294	Macro Economics	5	5	30	70
I	III	DSC*	III	EC 394	Statistics for Economics	5	5	30	70
		SEC-1	SEC-I	SE394A	Computer Applications in Economics	2	2	15	35
		SEC2	SEC-II	SE394B	Rural Development	2	2	15	35
	IV	DSC*	IV	EC 494	Indian Economy	5	5	30	70
		SEC-3	SEC-III	SE494A	Data Analysis	2	2	15	35
		SEC- 4	SEC-IV	SE494B	Entrepreneurship and Development	2	2	15	35
II	V	GE**	GE	GE594	Basics of Economics	4	4	30	70
		DSE*	VA	EC594A	Agricultural Economics	5	5	30	70
		DSE*	VB	EC594B	Public Economics and Banking			30	70
	DSE*	VC	EC594C	Economics of Environment	30			70	
	VI	DSE*	VI A	EC694A	International Economics	5	5	30	70
		DSE*	VI B	EC694B	Development Economics			30	70
		DSE*	VI C	EC694C	Industrial Economics			30	70
		PR/OP	PR/OP	EC694PR/ EC694OP	Financial Economics	4	4	30	70

- DSC\* (Discipline Specific Course), DSE\* (Discipline Specific Elective) for Students of Economics and SEC (Skill Enhancement Course) GE\*\*(Generic Elective) or Interdisciplinary Course for Students other than Economics PPW: Periods Per Week SEE: Semester End Examination CIA: Continuous Internal Assessment

*Head*  
Department of Economics  
Osmania University, Hyd-7.

*Jana Ghosh*





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**DEPARTMENT OF ECONOMICS**

**B. A PROGRAM**

**Year/ Semester – I/I - MICRO ECONOMICS (Discipline Specific Course)**  
**Paper I (EC 194)**

**PPW – 5 Hours**

**Credits - 5**

**Course Objective:** The objective of the course is to provide the students with the conceptual knowledge and understanding of basics of modern economic analysis.

**Unit Wise Objectives:**

COb1. To describe the consumer behavior through ordinal utility analysis

COb2. To explain the concept of production function and the analysis of least cost input combination

COb3. To describe the cost and revenue concepts and the relationship between different costs and revenue

COb4. To provide an understanding of the functioning of the imperfect market structure

COb5. To apprise the objectives and the pricing strategies of firms

**Unit-I- CONSUMER BEHAVIOUR (15 hrs)**

Ordinal utility Analysis: Properties of Indifference curves, concept of budget line, equilibrium of consumer, price consumption curve, income consumption curve, derivation of demand curve with the help of ordinal utility analysis. Concepts of price, income and substitution effects; separation of price effect: compensating variation and cost difference methods.

**Unit –II- PRODUCTION ANALYSIS (15 hrs)**

Concepts of Short run and Long run production function; properties of iso-product curves, concept of factor price line, analysis of least cost input combination, concepts of expansion path and economic region of production, concept of returns scale and types of returns to scale. Linear and homogeneous production function, properties of Cobb-Douglas production function

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### Unit-III- COST AND REVENUE ANALYSIS (15hrs)

Cost concepts: Accounting, real, opportunity, explicit cost. Total cost, total fixed cost, total variable cost, average cost, average fixed cost, average variable cost, marginal cost and the relationship between average and marginal cost, derivation of long run average cost curve. Economies of scale: internal and external.

Revenue concepts: total, average and marginal, relationship between Average revenue & marginal revenue and price elasticity of demand.

### Unit-IV - MARKET STRUCTURE: IMPERFECT COMPETITION (15hrs)

Types of markets- Perfect and Imperfect- Monopoly: Equilibrium of a monopolist with price discrimination, degrees of price discrimination, welfare loss under monopoly - Monopolistic competition: characteristics, concepts of product differentiation and selling cost, wastage under monopolistic competition - Oligopoly: characteristics of oligopoly, price rigidity in non-collusive oligopoly. Duopoly: Augustin Cournot's modern version of duopoly.

### Unit-V- ANALYSIS OF BUSINESS FIRM, PROFIT AND PRICING STRATEGIES (15hrs)

Characteristics of a business firm, objectives of business firm: profit maximization, sales revenue maximization, market share maximization, growth maximization. Profit concepts: Accounting and economic; break-even point and profit -volume analysis

Pricing strategies: Cost plus pricing, marginal cost pricing, rate of return pricing, price skimming, penetration pricing, loss-leader pricing, mark-up pricing and administered prices.

#### Course Outcomes:

At the end of the course the students will be able to:

- EC194 CO1. Explain consumer behavior through ordinal utility analysis
- EC194 CO2. Analyze and differentiate between different types of production function
- EC194 CO3. Determine the relationship of various costs and revenue concepts
- EC194 CO4. Examine the functioning of different markets in imperfect competition.
- EC194 CO5. Analyze the objectives and pricing strategies of business firm

#### Text Books-

1. H L Ahuja : Principles of Micro Economics, S. Chand and company Ltd.
2. M.L.Jhingan: Micro Economic Theory, Vrinda Publications.
3. M.L Seth: Micro Economics, Lakshmi NarainAgarwal Publishers.
4. D N Dwivedi: Microeconomics – Theory and Applications, Vikas Publishing House.
5. H. S. Agarwal: Principles of Economics, Global Professional Publishing Ltd.
6. P. N. Chopra: Principles of Economics, Kalyani Publications.

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**Reference Books-**

1. A. Koutsoyiannis: Modern Micro Economics, Palgrave Macmillan U.K.
2. N. Gregory Mankiw: Principles of Micro Economics, Cengage India
3. Stonier and Hague A Textbook of Economic Theory 5th Edition, Pearson India
4. D.Salvatore : Micro Economics- Theory and Applications, Oxford University Press.
5. D. Salvatore: Schaum's Outline of Microeconomics, 4th Edition, McGraw- Hill.
6. Daniel Rubinfeldand, Robert Pindyck: Micro Economics, Pearson India.
7. Ben Bernanke and Robert Frank: Principles of Economics, Mc-Graw- Hill
8. William J. Baumol and Alan S Blinder: Microeconomics- Principles and Policy, Cengage Learning
- 9 Karl E Case and Ray C Fair: Principles of Economics, Pearson Education, Asia.
10. William J. Baumol and Alan S Blinder: Micro Economics- Theory and Application, Cengage Learning.

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**2014-15**





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DEPARTMENT OF ECONOMICS

**B. A PROGRAM**

**Year/ Semester – I/II- MACRO ECONOMICS (Discipline Specific Course)**  
**Paper II (EC 294)**

**PPW – 5 Hours**

**Credits - 5**

**Course Objective:** The objective of this course is to acquaint the students with the basic concepts, theories and approaches for understanding the behaviour of macroeconomic aggregates and policies.

**Unit Wise Objectives:**

- COb1. To explain the concepts and computation of national income
- COb2. To provide an understanding of the theories of output and employment
- COb3. To familiarize with the concept of capital and investment and theories of interest
- COb4. To describe the measures and theories of money supply
- COb5. To provide an understanding of the dimensions of inflation and business cycles

**Unit - I- Introduction**

Macro Economics – Meaning, Scope, Importance and Limitations - Concept of Circular Flow of Incomes – National Income Analysis: Concepts and Components – Methods of Measurement – Difficulties and Limitations in the Estimation of National Income - Real versus Nominal GDP – GDP Deflator - GVA

**Unit-II- Theories of Income and Employment**

The Classical Theory of Employment - Say's Law, Keynesian Theory of Income and Employment: Effective Demand – Aggregate Demand and Aggregate Supply - Consumption Function: Average Propensity to Consume (APC) and Marginal Propensity to Consume (MPC) – Factors Determining Consumption Function – Savings Function: Average Propensity to Save and Marginal Propensity to Save –

**Unit-III Investment & Theories of Interest Rate**

Capital and Investment: Types of Investment, Determinants of Level of Investment – Ex-Post and Ex- Ante Investment and Savings - Marginal Efficiency of Capital and Marginal Efficiency of Investment, Concepts of Multiplier and Accelerator, Neo-Classical and Keynesian Theories of Interest- Liquidity trap

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**Unit- IV- Supply of Money & Demand for Money**

Functions and Classification of Money – Money Supply – Measures of Money Supply with reference to India: M1, M2, M3 and M4 – Classical Theories of Money: Fisher’s and Cambridge Versions of Quantity Theory of Money – Keynes’ Theory of Money and Prices

**Unit- V- Inflation & Trade Cycles**

Inflation: Concept, Types, Causes and Measurement – Effects of Inflation – Measures to Control Inflation – Concepts of Phillips Curve, Deflation, Disinflation and Stagflation – Trade Cycles: Concept, Characteristics, Phases and Causes and remedial measures

**Course Outcomes:**

At the end of the course the students will be able to:

- EC294 CO1. Determine the concepts and measurement of national Income
- EC294 CO2. Demonstrate knowledge on the theories of output and employment
- EC294 CO3. Determine the relationship of marginal efficiency of capital and investment
- EC294 CO4. Discuss the measures and theories of money supply
- EC294 CO5. Analyze the effect of inflation and business cycles on the economy

**Text Books -**

1. M.C Vaish: Macro Economic Theory, Vikas Publishing.
2. H.L Ahuja: Macro Economic Theory and Policy, S. Chand Publishing.
3. M. L Jhingan: Macro Economic Theory, Vrinda Publications.
- 4.M. L Seth: Macro Economics, Lakshmi Narain Agarwal, Agra.
- 5.S.B Gupta: Monetary Economics: Institutions, Theory and Policy, S. Chand Publishing.
6. Vanitha Agarwal: Macro Economic Theory and Policy, Pearson Education.
7. P. N Chopra: Macro Economic Theory, Kalyani Publications.

**Reference Books-**

1. Ackley, G (1976): Macro Economic theory and policy, Macmillan Publishing Co, New York.
2. Shapiro, E (1996): Macro economic Analysis, Galgotia Publication, New Delhi.
3. Keynes JM (1936) : The General Theory of Employment, Interest and money, Macmillan London.
4. Hansen A. H (1953): A Guide to Keynes, McGraw Hill, New York
5. Vaish M.C (1990): Macro Economic Theory, Vikas Publishing

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### B.A PROGRAM – ECONOMICS SYLLABUS (CBCS) (w.e.f. 2021-22)

#### Year/ Semester – II/III - STATISTICS FOR ECONOMICS (Discipline Specific Course) - Paper III (EC 394)

PPW – 5 Hours

Credits - 5

**Course Objective:** The objective of the course is to provide the students with the conceptual knowledge and understanding of the applications of statistical techniques for economics.

#### Unit Wise Objectives:

COB1. To provide an understanding of some basic concepts and terminology that are fundamental to statistical analysis.

COB2. To demonstrate an understanding on measures of central tendency, dispersion, skewness, kurtosis and variance.

COB3. To identify the nature and extent of relationship between variables through correlation and regression analysis.

COB4. To know and learn the aspects and difficulties in the construction of macroeconomics indices.

COB5. To provide an insight into the components of time series statistics.

#### Unit I: Introduction to Statistics (15hrs)

Meaning and Basic Concepts of Statistics – Population and Sample, Frequency Distribution, Cumulative Frequency – Graphic and Diagrammatic Representation of Data–Types of Data: Primary and Secondary Data –Methods of Collecting Data: Census and Sampling Methods (Random, Non-random Sampling Methods)

#### Unit II: Measures of Central Tendency and Dispersion (15hrs)

Measures of Central Tendency: Mean, Median, Mode, Geometric Mean and Harmonic Mean – Properties of Good Average – Comparison of Different Averages –Measures of Dispersion – Absolute and Relative Measures of Dispersion: Range, Quartile Deviation, Mean Deviation, Standard Deviation, Shape of data – Skewness and Kurtosis, Coefficient of Variation and Variance

#### Unit III: Correlation and Regression (15hrs)

Correlation: Meaning and Types – Karl Pearson's Correlation Co-efficient – Spearman's Rank Correlation –Regression: Meaning and Uses of Regression.

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### Unit IV: Index Numbers (15hrs)

Meaning and Uses – Aspects and Difficulties in the Construction of Index Numbers - Types of Index Numbers - Price Index, Quantity Index, Value Index –Methods of Index Numbers - Laspayer, Paasche and Fisher, Consumer price Index- meaning and uses.

### Unit V: Analysis of Time Series (15hrs)

Meaning and Uses – Components of Time Series Analysis: Secular, Seasonal, Cyclical and Irregular Variations – Methods of Measurement of Secular Trends: Graphic, Semi-Averages, Moving Averages

### Course Outcomes:

At the end of the course the students will be able to:

- EC394 CO1. Understand the concepts in statistics for application in data analysis.
- EC394 CO2. Determine and examine the descriptive statistics of the data.
- EC394 CO3. Analyze and measure the nature and extent of relationship between variables
- EC394 CO4. Interpret the essence of the macroeconomics indices.
- EC394 CO5. Evaluate the time the time series data for interpretation.

### Skill Enhancement/ Development

At the end of the course in 3rd Semester, the students will be able to enhance

1. Basic skills in applied statistics
2. Skills in analysis and presentation of data
3. Skills in the field of economic analysis through statistical techniques

### Suggested Reading:

1. Allen, RGD : Mathematical Analysis for Economists, Macmillan Press, London.
2. Bhardwaj RS : Mathematics for Economics and Business, Excel Books, New Delhi.
3. Bose : Mathematics for Economics, Himalaya Publishing, New Delhi.
4. Chiang, AC :Fundamental Methods of Mathematical Economics McGraw Hill, New Delhi.
5. Nagar & Das : Basic Statistics
6. S.P. Gupta : Statistics
7. G.S. Mongha : Mathematics for Economist

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### B.A PROGRAM – ECONOMICS SYLLABUS (CBCS) (w.e.f. 2021-22)

#### Year/ Semester – II/IV – INDIAN ECONOMY (Discipline Specific Course) Paper IV (EC 494)

PPW – 5 Hours

Credits - 5

**Course Objective:** The course objective is to provide an overview of the functioning of the Indian and Telangana economy.

#### Unit-Wise Course Objectives:

- COB1. To provide understanding of Indian economic structure
- COB2. To give insight into the various aspects of Indian agriculture
- COB3. To enumerate the role of industry and service sector in Indian economy
- COB4. To apprise the role of Niti Aayog in the development of Indian economy
- COB5. To assess the structure and sectoral composition of Telangana economy

#### Unit I: Structure of the Indian economy (15hrs)

Indian Economy at the time of Independence, changes in composition of National Income- Economic sectors and employment, Brief description of Natural Resource base: Land, Water, Forest, Mineral and Metal Resources, Population: Size, Growth and Composition and its implications for Indian economy.

#### Unit II: Indian Agriculture (15hrs)

Role of Agriculture - Trends in Agricultural Production and Productivity, land Reforms, Green Revolution, Agricultural Finance- role of RRBs, Cooperative banks and Commercial banks  
Agricultural Marketing- stages, problems and suggestions, Agricultural Price Policy, Concept of Food Security


#### Unit III: Indian Industry and Services (15hrs)

Role of Industrial sector in Economic Development–Industrial Policy–1991–Role of Public and Private Sectors, Formal and Informal Sectors –Micro, Small Medium Enterprises (MSMEs)- meaning, role, problems and suggestions, Service industry in Indian Economy- IT and IT enabled services.

#### Unit IV: NITI Aayog and Economic Reforms (15hrs)

Planning in India – A brief about Five-Year Plans, NITI Aayog- Objectives, structure functions and composition, organizational framework, challenges, difference between NITI Aayog and

  
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Planning Commission - New Economic Reforms- Liberalisation, Privatisation- concepts, objectives forms, Globalisation in India – meaning, factors affecting, consequences.

### Unit V: Telangana Economy (15hrs)

Structure of Telangana Economy – agriculture (Mission Kakatiya) industry and services- per capita income, Occupational structure, Demographic features- Growth and Trends in Gross State Domestic Product and Per capita income in Telangana, IT industry- Start up and Incubation Centre

### Course Outcomes:

At the end of the course students will be able to:

EC694 CO1. Identify the changing structure, sectoral composition and demographic features of Indian economy.

EC694 CO2. Demonstrate the functioning of agriculture sector of the Indian economy.

EC694 CO3. Examine the dynamics of the changes in the industrial and services sectors in India.

EC694 CO4. Develop an outlook on the functioning of Niti Aayog in India.

EC694 CO5. Explain the composition and contribution of various sectors of Telangana economy.

### Skill Enhancement/ Development

At the end of the course in 4<sup>th</sup> semester, the students will be able to enhance

1. Skill to observe essential and significant concerns related to Indian economy

2. Skill to discuss on the changing role of various sectors of the economy

3. Skill in critical understanding of the contemporary issues in the Indian economy and Telangana economy.

### Suggested Reading: (Latest Edition)

1. Uma Kapila (2010): Indian economy since Independence. Academic Foundation, New Delhi

2. S. K. Misra and V. K. Puri (Latest Year): Indian Economy, Himalaya Publishing House, Mumbai

3. Dutt and Sundaram, Indian Economy, S Chand Publishing House

4. P. K. Dhar, Indian Economy, Kalyani Publishers

5. Acharya and R. Mohan (Eds.) (2010): India's Economy: Performance and Challenges, Oxford University Press, New Delhi.

6. Ishwar C Dhingra : The Indian Economy: Environment and Policy, SC Chand & Sons, New Delhi

7. PK Dhar : Growing Dimensions of Indian Economy, Kalyani Publisher.

8. Rao S Kishan and Rahul A Shastry (2009): Andhra Pradesh Economy – Dynamics of Transformation with a focus on Regional Disparities, National Academy of Development,

9. Government Reports

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### B.A PROGRAM – ECONOMICS SYLLABUS (CBCS) (w.e.f. 2021-22)

#### Year/ Semester – II/III – COMPUTER APPLICATIONS IN ECONOMICS Skill Enhancement Course-I

PPW – 2 Hours

Credits - 2

**Course Objective:** The objective of the course is to familiarize the students with basic knowledge of computer applications in economics.

#### Unit Wise Objectives:

COB1. To describe the fundamentals of computers, MS-Word and its applications.

COB2. To explain the data using SPSS.

#### Unit I: Introduction of Computers (15hrs)

Definition - Evolution of Computer - Computer Generations - Micro Computers - Structure of Computer - Uses of Computer - Basic Components of Computer - Central processing Unit (CPU) Operating System – Window Operating System - Salient Features - Merits of Windows Operating System - Accessories - System tools - Scan Disk - Word Pad - Note Pad - Paint - Imagination - Windows Explorer - Ms- Word: Creating, Opening and saving files - editing and formatting text - spell and grammar check - auto correct - creation of tables and volumes

#### Unit II: Data Analysis using SPSS (15hrs)

Basics of Data Analysis – Data Entry in SPSS – Computing with SPSS – Preparation of Graphs with SPSS – Distribution Functions and Density Functions – Statistical Package handling and command description for SPSS – Reports, Descriptive – Statistics, Compare Means, Time Series Analysis, Correlation and Regression Models

#### Course Outcomes:

At the end of the course the students will be able to:

SE394 CO1. Demonstrate the knowledge of computers, MS-Word and its applications.

SE394 CO2. Analyze the data using SPSS

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### Skill Enhancement/ Development

At the end of the course in 3<sup>rd</sup> semester, the students will be able to enhance

- 1.Skill to work on MS -Word
- 2.Skill to analyze the data using SPSS

### **Reference Books-**

1. Sinha, P.K. : Computer Fundamentals, BPB Publications, New Delhi.
2. Raja Raman.V. : Fundamentals of Computers, PHI, New Delhi.
3. Kerns : Essentials of Microsoft Windows, Word and Excel, PHI.
4. Alexis Leon & Mathews Leon: Introduction to Computers with Ms-Office, TMH.
5. Asthana & Braj Bhushan : Statistics for Social Sciences (with SPSS applications), PHI.

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### B.A PROGRAM – ECONOMICS SYLLABUS (CBCS) (w.e.f. 2021-22)

#### Year/ Semester – II/III - RURAL DEVELOPMENT Skill Enhancement Course II

PPW – 2 Hours

Credits - 2

**Course Objective:** The objective of the course is to enable the students to understand about the rural development process.

#### Unit Wise Objectives:

- COB1. To provide an understanding on the fundamentals of rural development.
- COB2. To familiarize about the nature of rural credit in India

#### Unit I: Aspects of Rural Development (15hrs)

Concept of Rural Development, Rural Development vs. Agricultural Development, Role of NGOs in Rural Development, Rural Non-farm sector and Rural Development, Decentralized planning and Participatory development, role Panchayats in decentralized in rural development

#### Unit II: Rural Credit and Development (15hrs)

Sources of Rural Credit – Institutional and Non- Institutional - Role of Commercial Banks, Cooperative Banks, Grameen Banks and National Bank for Agriculture and Rural Development (NABARD) for rural development - Micro credit and Self- help groups (SHG's) in India

#### Course Outcomes:

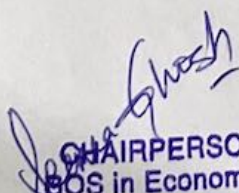
At the end of the course the students will be able to:


- SE394 CO1. Gain insight about the various aspects of rural development.
- SE394 CO2. Examine the role of rural finance in the development of rural sector in India.

#### Skill Enhancement/ Development

At the end of the course in 3<sup>rd</sup> semester, the students will be able to enhance

- 1.Skill to work on small projects on rural development.

  
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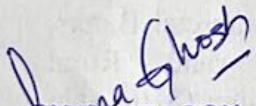


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### Reference Books-

1. Katar Singh, Rural Development: Principles, Policies and Management, Sage Publications, New Delhi
2. K.G. Karmakar, Rural Credit and Self-Help Groups, Sage Publications, New Delhi
3. S.Sau, Rural Industrialization –Development Trajectory in India, Farma K.L.M., Kolkata
4. Misra D. and Puri K. Indian Economy, Himalaya Publishing House
5. Datt and Sundharam (Revised by G.Datt and A. Mahajan) , Indian Economy, 70th edition, S. Chand
6. N. Narayanasami, Participatory Rural Appraisal: Principle, Methods and Applications, Sage Publications, New Delhi, 2009.
7. Vasant Desai, A Study of Rural Economics, Himalaya Publishing House, New Delhi.
8. Mahi Pal, —Panchayati Raj and Rural governance, Economic and Political Weekly, Jan. 10-16, vol. XXXIX, 2004, No.2, p.13 16.
9. Raghava, D. V. Rao, Panchayats and Rural Development, Ashish Publishing House, New Delhi, 1980.
10. Ram Reddy, Pattern of Panchayati Raj in India, Heritage Publishers, New Delhi

  
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### B.A PROGRAM – ECONOMICS SYLLABUS (CBCS) (w.e.f. 2021-22)

#### Year/ Semester – II/IV – DATA ANALYSIS Skill Enhancement Course III

PPW – 2 Hours

Credits - 2

**Course Objective:** The objective of the course is to acquire basic knowledge about Indian macro statistics.

#### Unit Wise Objectives:

- COB1. To introduce basic excels formats and functions.  
COB2. To familiarize about the basics of Indian macro statistics.

#### Unit I: Introduction to Spreadsheet, Formulas and Functions(15hrs)

Collection of data (some methodological issues), Census, Sample survey  
Introduction to spreadsheet – Interface – tabs and ribbons – Editing and formatting  
Understanding formulas – Cell reference, Built in functions – Math & Trigonometric functions –  
Logical functions – Text functions – Statistical Functions – Date and Time functions – Financial  
functions  
Conditional Formatting – Conditional sum – Conditional count – Conditional Average,  
representation of data- Charts and Graphs – types of charts

#### Unit II: Indian Official Statistics (Basic Concepts) (15hrs)

Central statistical office (CSO) – National Accounts statics (NAS) Industrial statistics (ASI, IIP),  
National sample survey Office (NSSO)-Household Consumer Expenditure Survey Rounds,  
Employment and Unemployment Survey Rounds. Census of India – population Census 2011,  
Reserve Bank of India (RBI) – Handbook of statistics on Indian Economy Selected Parts)

#### Course Outcomes:

At the end of the course the students will be able to:

SE494 CO1. To demonstrate the understanding of formulas, functions of excel and representation of data in the excel sheet.

SE494 CO2. Examine the data of Indian macro-economic variables.

  
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### Skill Enhancement/ Development


At the end of the course in 4<sup>th</sup> semester, the students will be able to enhance

- 1.Skill to work on MS – Excel and represent and analyze data using MS - Excel
- 2.Skill to analyze the macro- economic data using MS- Excel

### Reference Books-

- 1.Goon A.M, Gupta, M K, and Dasgupta, B. Fundamentals of Statistics (volume One), The World Press Private Ltd
2. GOI, Note sample Design and Estimation procedure of NSS 68<sup>th</sup>Round, National Sample Press private Ltd
- 3.GOI. SRS statistical Report 2016 office of the Registrar General & Census commissioner of India.
- 4.Microsoft Office 2016 Step by Stepby Curtis Frye, Joan Lambert
- 5.Microsoft Office - 2016 Outlook, Visio, Skype & One Drive Book - Vol.3 Paperback – 2017 by Lalit Mali

  
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### **B.A PROGRAM – ECONOMICS SYLLABUS (CBCS) (w.e.f. 2021-22) Year/ Semester – II/IV - ENTREPRENEURSHIP AND DEVELOPMENT Skill Enhancement Course IV**

**PPW – 2 Hours**

**Credits - 2**

**Course Objective:** The objective of the course is to enable the students to understand the role of entrepreneurship in economic development.

#### **Unit Wise Objectives:**

- COB1. To introduce the basic issues involved in entrepreneurship and development
- COB2. To familiarize about the institutional finance and support available to entrepreneurs

#### **Unit I: Basic Issues of Entrepreneurship and Economic Development (15hrs)**

Basic features of Entrepreneurship, Entrepreneurship and its linkages with economic development, Growth of entrepreneurship in India- Role of entrepreneurship in Economic Development and problems of rural entrepreneurship in India

#### **Unit II: Financial Resources for New Ventures of an Entrepreneur (15hrs)**

Source of finance - Institutional support – NSIC, SIDC, Role of Commercial Banks, support for MSMEs – Venture Capital- Angel Funding- Crowd Funding, Strategic support in Business

#### **Course Outcomes:**

At the end of the course the students will be able to:

- SE494 CO1. Gain insight about the various aspects of entrepreneurship and development
- SE494 CO2. Determine and examine the institutional support towards the development of entrepreneurship in India

#### **Skill Enhancement/ Development**

At the end of the course in 4<sup>th</sup> semester, the students will be able to enhance

1. Skill to make a business plan for starting the business

#### **Reference Books-**

1. S.S. Khanka : Entrepreneurial Development, S Chand & Company Ltd.
2. David . H. Holt : Entrepreneurship New Venture Criterion
3. Poomima M : Entrepreneurship Development and Small Business Enterprises (2<sup>nd</sup> Edition Pearson)
4. Dutt and Sundaram (Revised by A. Mahjan) : Indian Economy, Latest Edition, S Chand

  
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### BA PROGRAM - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)

#### BA III / Semester V – PUBLIC FINANCE AND BANKING (Discipline Specific Elective)

Paper VB (EC 594B)  
PW – 5 Hours

Max. Marks – 100  
Credits - 5

**Course Objective:** The objective is to familiarize the students in the application of principles of public finance and understanding of banking.

#### Unit-Wise Course Objectives:

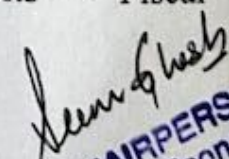
- Ob1. To provide an understanding of the operation and working of modern public finance and classification of public revenues in India
- Ob2. To provide an understanding of the basis and types of public expenditures and the sources of public debt
- Ob3. To give insight into the components of the budget and objectives of fiscal policy.
- Ob4. To describe the functioning of commercial banks and explain the modern banking facility.
- Ob5. To learn the functioning of Reserve bank of India and the working of the instruments of monetary policy.

**Unit – I: Public Revenue - Nature and Scope of Public Finance – Indian Tax Structure - Public Revenue: Sources and Classification –Direct and Indirect Taxes: Progressive, Proportional and Regressive Taxes – Canons of Taxation – Characteristics of a Good Tax System – GST - Types – Classification - Impact and Incidence of Taxation – Effects of Taxation**

**Unit – II: Public Expenditure and Public Debt - Public Expenditure: Classification and Principles – Determinants of Public Expenditure – Effects of Public Expenditure – Public Debt: Nature, Sources, Classification, Effects and Redemption – Debt Trap - Public Expenditure and Public Debt in India**

**Unit – III: Indian Public Finance - Fiscal Policy and its objectives - Federal Finance – Centre- State Financial Relations – Functions of Finance Commission – Budget: Concepts & Types – Revenue Account – Capital Account – Types of Budget Deficits – Fiscal Responsibility and Budget Management (FRBM) Act, Finance Bill**

  
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**Unit – IV: Commercial Banks in India** -Meaning and Types of banks - Origin and Growth of Banking in India- Universal banking - Nationalisation- Priority Sector Lending- Functions

of Commercial banks- Process of Credit Creation, Banking Ombudsman- E- Banking- Online banking- mobile banking- credit cards- debit cards, Money transmission services- NEFT- RTGS, Banking sector reforms – NPAs.

**Unit – V: Reserve Bank of India**

RBI – Organisational Structure – management- Objectives- Functions- Aims and objectives of Monetary Policy- Instruments of Monetary Policy- Role of RBI in economic development

### **Course Outcomes:**

At the end of the course the students will be able to:

EC594B CO1. Explain the sources and classification of public revenues in India and their economic effects.

EC594B CO2. Examine the types of public expenditures, analyze its effects, and explain the sources of public debt and evaluate debt trap as its consequence

EC594B CO3. Demonstrate the knowledge to understand the budget and its deficit.

EC594B CO4. Develop an outlook to understand the functioning of Commercial banks.

EC594B CO5. Explain the functioning of Reserve bank of India and to analyze the instruments of monetary policy.

### **Skill Enhancement/ Development**

At the end of the course in 5<sup>th</sup> semester, the students will be able to enhance

Skill to understand the operation and working of Indian public finance

Skill to discuss on the primary function of commercial bank

Skill in critical understanding of the monetary policy of the country

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### Suggested Reading:

1. Atkinson, A Band J.E Siglitz (1980): Lecturers on Public Economics, Tata McGraw Hill, New York.
2. Auerbach, A J and M. Feldson (Eds.) (1985): Handbook of Public Economics, Vol. 1, North Holland, Amsterdam.
3. Buchanan, J M (1970): The Public Finances, Richard D Irwin, Homewood.
4. Goode, R (1986): Government Finance in Developing Countries, Tata McGraw Hill, New Delhi.
5. Houghton, J M (1970): The Public Finance: Selected Readings, Penguin, Harmondsworth.
6. Jha, R (1998): Modern Public Economics, Routledge, London.
7. Menutt, P (1996): The Economics of Public Choice, Edward Elgar, U.K.
8. Musgrave, R A and P.B. Musgrave (1976): Public Finance in Theory and Practice, McGraw Hill, Kogakusha, Tokyo.
9. S. K Singh: Public Finance in Theory and Practice, S. Chand Publications.
10. Om Prakash: Public Economics Theory and Practice, Sapna Book House.
11. M. L Jhingan: Public Finance and International trade, Sapna Book House.
12. H. L Bhatia: Public Finance, S.Chand Publications.
13. R.K. Lekhi: Public Finance, Kalyani Publications.
14. Machiraju, M.R. (1999) Indian Financial Systems, Vikas Publishing House, New Delhi
15. M.Y Khan (1996) Indian Financial System, Tata Mc Graw Hill, New Delhi.
16. N.T Somashekar- banking, New Age International Publishers

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### BA PROGRAM - ECONOMICS SYLLABUS (CBCS) (w.e.f 2022-23)

#### BA III / Semester V – ECONOMICS OF ENVIRONMENT (Discipline Specific Elective)

Paper VC (EC 594C)  
PW – 5 Hours

Max. Marks – 100  
Credits – 5

**Course Objective:** The course is designed to familiarise the students about the critical areas related to Environmental Economics.

#### Unit-Wise Course Objectives:

- Ob1. To provide an understanding of the concepts of environmental economics.
- Ob2. To provide an understanding of the interrelationship between the Economy and environment.
- Ob3. To give insight into the issues and problems related to environment
- Ob4. To describe the measures to control environmental pollution
- Ob5. To familiarize with the policy initiatives of the government to protect environment.

#### Unit- I: Theory and Concept of Environmental Economics

Nature and Significance of Environmental Economics – definition and scope of environmental economics – Market Failure and Externality – Theories of Environmental Economics.

#### Unit- II: Environment and Economics

Environment and Economics- Interlinkage – Environment as a public good – Environment vs economic growth- Population and Environment linkage – Environmental use as an allocated problem – Valuation of Environmental damages: land, water, air, and forest.

#### Unit- III: Environmental Problems

Economic development and environmental problems – Air, Water and Soil Pollution, Natural resource Depletion, Deforestation, Industrial and Agricultural Pollution, Urbanization, Vehicular Pollution. Global warming and greenhouse effect- Environmental degradation.

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### Unit- IV: Environmental Pollution Control

Prevention, control, and abatement of pollution – Choice of policy instruments in developing countries – Environmental Education – Environmental law – Sustainable development – indicators of sustainable development – Environmental planning – Environmental accounting.

### Unit-V: Policy measures

Basic approach – Design of environmental policy – Indian environment policies and performance – Functions of Ministry of Environment and Forest and Pollution Control Boards.

### Course Outcomes:

At the end of the course the students will be able to:

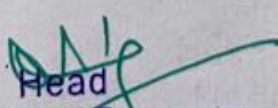
- EC594C CO1. Explain the concepts and theories of environmental economics
- EC594C CO2. Examine the linkage between environment and economics
- EC594C CO3. Assess the problems associated with environment degradation
- EC594C CO4. Demonstrate an understanding of the impact of environmental protection on sustainable development
- EC594C CO5. Explain the policy measures of the government to conserve environment

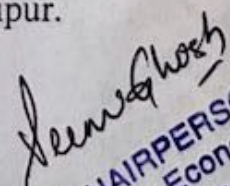
### Skill Enhancement/ Development

- At the end of the course in 5<sup>th</sup> semester, the students will be able to enhance
- Skill to understand the environmental issues facing the country
- Skill to discuss on the the impact of environmental protection on sustainable development
- Skill in critical understanding of the issues and problems related to environment

### Suggested Reading:

- M. Karpagam (1993), Environmental Economics, Sterling Publishers, New Delhi.
- S. Sankaran (1994), Environmental Economics, Margham, Madras.
- N. Rajalakshmi and Dhulasi Birundha (1994), Environmental Economics, Economic Analysis of Environment, Allied Publishers, Ahmedabad.
- S. Varadarajana and S. Elangovan (1992), Environmental Economics, Speed, Chennai.
- Singh G.N (Ed.) (1991) Environmental Economics, Mittal Publications, New Delhi.
- Garge, M.R. (Ed.) (1996), Environmental Pollution and Protection, Deep and Deep Publications, New Delhi.
- Lodha, S.L (Ed.) (1991), Economics of Environment, RBSA Publishers, Jaipur.

  
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### BA PROGRAM - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)

#### BA III / Semester V- BASICS OF ECONOMICS

#### Generic Elective or Inter Disciplinary Course

Paper- GE (GE 594)

PPW – 4 Hours

Max. Marks – 100

Credits – 4

**Course Objective:** The course objective is to introduce the basic concepts and analytical methods in microeconomics and to familiarize with the aggregates of the economy.

#### Unit Wise Objectives:

COb1. To familiarize with the concept of microeconomics and understand economic behavior of consumers

COb2. To describe the role of prices in allocating scarce resources for optimum use.

COb3. To learn the different approaches for the calculation of national Income and understand the concepts of National Income

COb4. To learn the meaning of business cycles and inflation and analyses its effects.

COb5. To provide insight about the components of balance of payments

#### Unit I: Introduction and Theory of Consumer Behavior

Definition, Meaning and Scope of economics, Microeconomics – Meaning and Scope, Utility Analysis- Cardinal Utility Theory- Law of Diminishing Marginal Utility-Law of Equi-Marginal Utility- Consumer Equilibrium, Ordinal Utility Theory- Indifference Curve Analysis- Consumer's Equilibrium.

#### Unit II: Demand and Supply Analysis

Demand-

Meaning-Demand Function- Law of Demand- Movements and Shifts in Demand Curve, Elasticity of Demand- Price, Income and Cross Elasticity-Degree of Elasticity- Methods of Measuring Elasticity of Demand, Law of Supply- Supply function- Movement and Shifts in Supply Curves- Elasticity of Supply- Determinants of Supply, Equilibrium Price, Classification of markets- Perfect and Imperfect

#### Unit – III: Introduction to Macroeconomics

Macro

Economics – Meaning and Scope, National Income - Concepts, Methods of Measurement- Importance and Difficulties in Estimation of National Income - Real versus Nominal GDP – GDP Deflator, National Income in India- Gross Value added (GVA)

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### Unit-V: Inflation & Business Cycles

Definition of

Inflation: Causes, consequences, and control of inflation –Inflation and Phillips Curve- Deflation and stagflation- Price indices (WPI/CPI), Business Cycles - Meaning, Nature, Characteristics, Phases, Causes and remedial measures.

### Unit-IV: Balance of Payments

Concepts

and Components of Balance of trade and Balance of Payments, Equilibrium and Disequilibrium in Balance of payments, Types of Disequilibrium- Remedial measures to control disequilibrium- Current account and capital account convertibility. Concept of Devaluation of Currency

### Course Outcomes:

At the end of the course the students will be able to:

GE594 CO1. Explain the behavior of the consumer to allocate his limited resources to maximize his satisfaction.

GE594 CO2. Examine the role of market mechanism in the allocation of scarce resources for optimum use.

GE594 CO3. Demonstrate the knowledge to understand the concepts for the calculation of national income.

GE594 CO4. Analyze the impact of business cycles and impact on the economy.

GE594 CO5. Categorizing the components of balance of payments and the implications of disequilibrium in BOP.

### Skill Enhancement/ Development

At the end of the course in 5<sup>th</sup> semester, the students will be able to enhance

Skill to illustrate how microeconomic concepts can be applied to analyse real-life.

Skill in critical understanding of the macroeconomic issues and problems related to the economy.

### Suggested Reading:

Ahuja, A.L: Microeconomics. S. Chand and company Ltd.

Ahuja, A.L: Principles of Economics. S. Chand and company Ltd.

Chopra, P. N: Microeconomics. Kalyani Publications.

Agarwal, H. S.: Principles of Economics, Global Professional Publishing Ltd.

Jhingan, M. L; Micro Economic Theory, Vrinda Publications.

Ahuja, H.L: Macro Economic Theory policy, S. Chand Publishing.

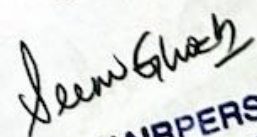
Jhingan, M. L: Macro Economic Theory, Vrinda Publications.

Vaish MC and SudhamaSingh (Latest Edition): International Economics, Himalaya Publishing House, Delhi

Francis Cherunilam (Latest Edition): International Economics, Himalaya Publishing, Delhi

  
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### B. A. COURSE - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)

#### BA III / Semester VI- INTERNATIONAL ECONOMICS (Discipline Specific Elective)

Paper VIA (EC 694A)  
PW – 5 Hours

Max. Marks – 100  
Credits – 5

**Course Objective:** The course objective is to provide insight into the theories of international trade, concepts of gains from trade, terms of trade, barriers to trade, components of balance of payments, exchange rates and international trade organization.

#### Unit- Wise Course Objective:

- Ob1. To familiarize the theories of international trade
- Ob2. To acquaint with the concepts of terms of trade and gains from trade
- Ob3. To give a broad outline about the trade restrictions in international trade.
- Ob4. To provide insight about the components of balance of payments
- Ob5. To provide understanding of types of exchange rates and agreements of WTO

#### Unit- I: Theories of International Trade:

International Trade – Meaning, features, difference between internal and international trade; Adam Smith's Theory of Absolute Advantage, Ricardo's Theory of Comparative Advantage; Theorem of factor price equalization; - Heckscher - Ohlin theory of trade, Leontief Paradox

#### Unit-II: Gains from and Trade Terms of Trade

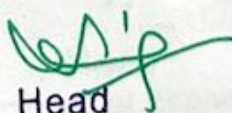
Gains from Trade -Trade as an Engine of Economic Growth - Concepts of Terms of Trade- Factors affecting Terms of Trade -Singer-Prebisch Theory and Terms of Trade

#### Unit- III: Barriers to Trade

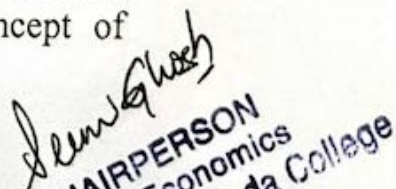
Free Trade Vs. Protectionism- case for and against - Trade Restrictions- Tariffs and its effects - Non -tariff barriers - Quotas and Subsidies and their effects, Custom Unions

#### Unit - IV: Balance of Payments

Concepts and Components of Balance of trade and Balance of Payments, Equilibrium and disequilibrium in Balance of payments, Types of Disequilibrium- Remedial measures to control disequilibrium- Current account and capital account convertibility. Concept of valuation of Currency

  
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### Unit V: International Scenario

Exchange Rate and types of Exchange Rate: Fixed versus flexible exchange- merits and demerits rates, FDI – meaning and forms, WTO- Features, objectives, functions, Principles, Major agreements- Agriculture, Textiles, GATS, TRIPS, TRIMS, gains, and problems of developing countries from WTO, IMF – World Bank

#### Course Outcomes:

At the end of the course students will be able to:

- CC694A CO1. Discuss the major economic theories of international trade.
- CC694A CO2. Analyzing the terms of trade between nations in international trade.
- CC694A CO3. Identifying the major tariff and non-tariff barriers to trade.
- CC694A CO4. Categorizing the components of balance of payments and the implications of disequilibrium in BOP.
- CC694A CO5. Outlining the types of exchange rates and discussing the implications of WTO agreements on the developing countries

#### Skill Enhancement/ Development.

At the end

of the course in 6<sup>th</sup> semester, the students will be able to enhance

.Skill to understand and discuss on the deficits in BOP account and its impact on the economy.

.Skill to discuss on the role of tariffs and non-tariffs barriers in international trade

.Skill in critical understanding of the contemporary issues in the international trade

#### Suggested Reading:

- . Soderston B (199: International Economics, Macmillan Press Ltd. London
- . Kindle Berger C P (1973): International economics RD Irwin Concepts Wood
- . Vaish MC and Sudhama Singh (2000): International Economics, Himalaya Publishing House, Delhi
- . Francis Cherunilam (2017): International Economics, Himalaya Publishing, Delhi
- . Salvatore, D L (1997): International Economics, Prentice Hall NJ
- . Mithani D M (2000): International Economics, Himalaya Publishing, Delhi
- . D N Dwivedi (2013), International Economics, Vikas Publication, Delhi
- . Dominick Salvatore (2014), International Economics: Trade and Finance, John Wiley International Student Edition, 11th edition

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### B. A. COURSE - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)

#### BA III / Semester VI- DEVELOPMENT ECONOMICS (Discipline Specific Elective)

Paper VIB (EC 694B)

Max. Marks – 100

PPW – 5 Hours

Credits – 5

**Course Objective:** The course objective is to provide knowledge about the theoretical perceptions of economic growth and development and to create awareness about the dynamics of development.

#### Unit Wise Objectives:

- COB1. To familiarize with the concepts of economic growth and development
- COB2. To provide various dimensions and measures of development
- COB3. To provide an understanding on the factors affecting economic development
- COB4. To understand the process of economic development through the theories of economic development
- COB5. To appraise the strategies of economic development and growth

#### Unit - I: Economic Development and Growth

Concepts of Economic Growth and Development- its Distinction, Basic issue, and Concept of Sustainable Development – MDGs and SDGs, Concept of Inclusive Growth, Role of State and Market in Economic Development, Financing of Economic Development- External Resources- FDI- Role of MNCs- Foreign Aid – Borrowings – External and Internal

#### Unit – II: Measurement of Economic Development

Measurement of Economic Development: Per Capita Income, Basic needs approach, Physical Quality of Life Index, Human Resource Development and Economic Development- Human Development Index, Gender Empowerment Measure and Multidimensional Poverty Index, Growth, and inequality- Vicious circle of poverty, Absolute (Head Count Ratio, Poverty Gap) and Relative Poverty (Gini Coefficient)

#### Unit - III: Factors in Economic Development

Factors effecting Economic Development- Characteristics of developing Countries- Population and Economic Development- Theory of Demographic Transition, Capital Formation (Physical and Human) and Economic Development

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### **Unit- IV: Classical theories of Economic Development**

Theories of Adam Smith, David Ricardo, Schumpeter, Rostow's stages and Lewis Model

### **Unit – V: Theories and strategies of Economic Development and Growth**

Rodan, Libenstein, Nurkse's Balanced Growth Strategy, Hirschman's Un-balanced Growth Strategy, Myrdal model, Choice of techniques- Labour and Capital Intensive -advantages and disadvantages

#### **Course Outcomes:**

At the end of the course the students will be able to:

EC694B CO1. Explain the concept and issues of economic growth and development.

EC694B CO2. Analyze the various indicators of the measurement of economic development.

EC694B CO3. Classify the determinants affecting economic development of less developed countries.

EC694B CO4. Categorize the key models and theories of economic growth and development.

EC694B CO5. Examine the strategies of economic development and growth.

#### **Skill Enhancement/ Development.**

At the end of the course in 6<sup>th</sup> semester, the students will be able to enhance

1. Skill to observe essential and significant concerns related to economic development and growth.

2. Skill to discuss on the various measures of economic development.

3. Skill in critical understanding of the contemporary issues in the sustainable development

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### Suggested Reading:

1. Mier, Gerald, M: Leading issues in Economic Development, OUP, Delhi
2. Todaro, MichealP: Economic Development in the third world, Orient Longman, Hyderabad
3. Ghatak Subrata: Introduction to Development Economics, Routledge,1995
4. Sukumoychakravarthi: Development Planning – the Indian experience, OUP, Delhi
5. B Higgins, Economic development, WW. Norton, 1966
6. MichealTadaro and Stephen Smith, Leading issues in economic development, Prentice Hall, 2008
7. M. L. Jhingan, Economics of development and planning, Vrinda Publications P Ltd, 2014
8. R. K. Lekhi, Economics of development and planning, Kalyani Publishers, 2014
9. S. K. Mishra & V. K. Puri, Economics of Development and Planning, Himalaya Publishers, Latest Edition
10. Agarwal, A. N. and Kundan Lal, Economics of development and planning, Vikas publishing house, 1989

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### B. A. COURSE - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)

#### BA III / Semester VI- INDUSTRIAL ECONOMICS (Discipline Specific Elective)

Paper VIC (EC 694C)

Max. Marks – 100

PW – 5 Hours

Credits – 5

**Course Objective:** The course objective is to provide an overview of the importance of industrial sector in economic development.

#### Unit-Wise Course Objectives:

- Ob1. To introduce the classification of industries and role of industries in economic development  
COb2. To provide an understanding on the theories and factors of industrial location.  
COb3. To acquaint with the market structure and conditions of entry.  
COb4. To provide the broad view of the industrial policy and industrial reforms in India  
COb5. To give an insight into the role of industrial financial institutions in industrial finance

#### Unit – I: Meaning and classification of Industries

Case-based, Resource Based and ASI Two- and Three-Digit classification, Industrialization and Economic Development – Factors promoting Industrialization

#### Unit – II: Theories of Industrial Location

Industrial Location theories: Weber, Sargent Florence, and Losch - Factors affecting industrial location.

#### Unit III: Market Structure and Market Performance

Types of Markets based on Place, Time, and Competition. Concepts & Organization of a firm- Market Structure; Sellers Concentration; Product Differentiation; Entry Conditions; Economics of Scale.

#### Unit IV: Industrial Pattern under Five Year Plan

Industrial economic concentration and remedial measures Industrial Policy 1991: Role of Public and Private Sector, LPG Program- Recent Trends in Industrial growth

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### Unit –V: Industrial Finance

Industrial Finance: Owned, External, and other Components of Funds; Role, Nature, Volume, and types of Institutional Finance – State Level Financial Institutions and Commercial Banks.

#### Course Outcomes:

At the end of the course students will be able to:

C694C CO1. Classify the industries and identify the role of industries in economic development.

C694C CO2. Explain the theories and factors of industrial location.

C694C CO3. Categorize the market structure and examine the conditions of market entry.

C694C CO4. Examine the industrial pattern and recent trends in industrial growth.

C694C CO5. Explain the role of industrial financial institutions in industrial finance.

#### Skill Enhancement/ Development.

At the end of the course in 6<sup>th</sup> semester, the students will be able to enhance

Skill to observe essential and significant concerns related to Indian industrial sector

Skill to discuss on the changing role of industrial sector in the economy

Skill in critical understanding of the contemporary issues in the Indian industrial sector

#### Suggested Reading:

1. Ahuliwalia, I.J. (1985) Industrial Growth in India, Oxford University Press, New Delhi.
2. Barthwal, R.R. (1985), Industrial Economics, Wiley Eastern Ltd., New Delhi.
3. Chernuliam, F. (1994), Industrial Economics: Indian Perspective (3RD Edition), Himalaya Publishing House, Mumbai.
4. Desai, B. (1999), Industrial Economy in India (3rd Edition,) Himalaya Publishing House, Mumbai.
5. Divine, P.J. and R.M. Jones Et. Al (1976), An Introduction to Industrial Economics, George Allen and Unwin Ltd., London.
6. Hay, D. and D.J.Morris (1979), Industrial Economics: theory and evidence, Oxford University Press, New Delhi.
7. Kuchhal, S.C. (1980), Industrial Economy of India (5th Edition), Chaitanya Publishing House, Allahabad.
8. Sing, A and A.N.Sadhu (1988), Industrial Economics, Himalaya Publishing House, Mumbai.

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### B. A. COURSE - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)

#### BA III / Semester VI- FINANCIAL ECONOMICS (Optional Paper)

Paper OP (EC 694OP)

CPW – 4 Hours

Max. Marks – 100

Credits – 4

**Course Objective:** The course objective is to acquaint students to the conceptual aspects of the financial system, institutions, instruments, and services in India.

#### Unit Wise Course Objectives:

- COB1. To provide knowledge about the functioning of the financial system
- COB2. To acquaint with the functioning of the money market in India
- COB3. To acquaint with the functioning of the capital market in India
- COB4. To give an insight into the operation of financial services in India
- COB5. To equip with the basic understanding of the portfolio selection and the trade-off between risk and return.

#### Unit-I: The Financial System

Meaning, Definition and Structure of Financial System–Functions of Financial Systems – Organized and Un-organized Financial System - Promotional Role of Financial System for Economic Development, Non-Banking Finance Companies– role and significance

#### Unit –II: Money Market

Definition of Money Market–Composition of Money Market: Call Money Market–Commercial Bill Market –Treasury Bill Market– Instruments of Money Market–Commercial Papers–Certificate of Deposit–Repo and Reverse-Repo Transactions–Money market mutual funds, Recent Development of money market in India

#### Unit– III: Capital Market

Definition and Structure of Capital market- Primary and Secondary markets- new issues market- Players in New Issue Market, Secondary Issues Markets - Functions of Stock Exchange- Features of NSE and BSE Securities-Private and Gilt-Edged Securities, SEBI- Objectives- Function

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### Unit IV: Financial Services

Depositories in India – Brief description of CDSL, NSDL- Dematerialization- Venture Capital- meaning, features, forms, stages, advantages, and disadvantages-Mutual funds – Meaning, advantages, limitations, types, NAV- Merchant banking – Meaning and Functions

### Unit V: Investment

Investment - Real asset Vs Financial Asset - Investment vs Gambling vs speculation - Factors influencing investment decisions - Investment Avenues - Trade-off between Risk Vs Return – Portfolio selection- diversification of portfolio risk

### Course Outcome:

At the end of the course the students will be able to:

EC694OP CO1.Explain the structure of financial system and its role in economic development.

EC694OP CO2. Categorize the components and instruments of money market in India.

EC694OP CO3. Examine the working of the primary and secondary markets in India

EC694OPCO4.Outline the functioning of the stock markets, depositories, and financial services in India

EC694OP CO5. Evaluate the risk and return of an investment for portfolio selection.

### Skill Enhancement/ Development.

At the end of the course in 6<sup>th</sup> semester, the students will be able to enhance

1. Skill to observe essential and significant concerns related to financial sector in the economy
2. Skill to discuss on the impact of stock market on Indian economy
3. Skill in critical understanding of the investment decision making

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### Suggested Reading:

1. Bhole, L.M. (1999), Financial Institutions and Markets, Tata McGraw Hill Company Ltd., New Delhi.
2. M.Y.Khan, Indian Financial System, Tata McGraw Hill, New Delhi.
3. V.A. Avadhani, Indian Capital Market, Himalaya Publishing House, Bombay.
4. Vasant Desai, Indian Financial System, Himalaya Publications, Bombay.
5. Peter.S.Rose, Money and Capital Markets: Financial Institutions and Instruments, Tata McGraw Hill, London.
6. S.L.N.Sinha, Capital Market in India, Vora & Co, Bombay.
7. Edminster, R.O. (1986), Financial Institutions, Markets and Management, McGraw Hill, New York.
8. Hanson, J.A. and S.Kathuria (Eds.) (1999), India: A Financial Sector for the Twenty-first Century, Oxford University Press, New Delhi.
9. Harker, P.T. and S.A. Zenios (2000) (Ed.), Performance of Financial Institutions, Cambridge University Press, Cambridge.
10. Johnson, H.J. (1996) Financial Institutions and Markets, Tata McGraw Hill, New Delhi.
11. Machiraju, M.R. (1999) Indian Financial Systems, Vikas Publishing House, New Delhi.
12. Prasad, K.N. (2001) Development of India's Financial System, Sarup & Sons, New Delhi.
13. Robinson, R.I., and Wightman (1981), Financial Markets, McGraw Hill, London.

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**B. A. COURSE - ECONOMICS SYLLABUS (CBCS) (w.e.f. 2022-23)**

**BA III / Semester VI- RESEARCH PROJECT**

Paper PR (EC 694PR)  
PW - 4 Hours

Max. Marks - 100  
Credits - 4

**COURSE OBJECTIVE:** To inculcate the idea of research among the students

As part of the Project, every student should submit a research project following the Research steps that include:

1. Identification of Research Problem
2. Formulation of Hypothesis
3. Objective of the Study
4. Review of Literature
5. Research Methodology
6. Data Collections
7. Data Interpretation
8. Conclusion

The students should submit 6000-8000 words of Research Project report at the end of the semester.

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