

**KAKATIYA UNIVERSITY - WARANGAL - TELANGANA**  
Under Graduate Courses (Under CBCS 2020 – 2021 onwards)  
**B.A. ECONOMICS II Year**  
**SEMESTER – IV**

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**PAPER – IV INDIAN ECONOMY**  
(Discipline Specific Course)

Theory: 5 Hours/Week; Credits: 5 Marks: 100 (Internal: 20; External: 80)

**Module I: Structure of the Indian economy;**

Indian Economy at the time of Independence - Changes in the Composition of National Income and Employment - Natural Resource base - Land, Water, Forest, Mineral and Metal Resources - Population: Size, Growth and Composition and their implications for Indian economy.

**Module II: Indian Agriculture;**

Importance of Agriculture - Trends in Agricultural Production and Productivity. Land Reforms - Green Revolution - Agricultural Finance - Agricultural Marketing - Agricultural Price Policy - Food Security in India.

**Module III: Indian Industry;**

Importance of Industrialization - Trends in Industrial Production - Industrial Policy Resolutions - 1948, 1956, 1991 - Role of Public and Private Sectors - Formal and Informal Sectors in Industry.

**Module IV: NITI AAYOG;**

Evolution of Planning Commission – Failures and Demise of planning commission - Genesis of NITI Aayog: structure and composition of NITI Aayog, Functions and objectives of NITI Aayog, Differences between NITI Aayog and planning commission - NITI Aayog role in strategic planning and development.

**Module-V Service Sector and Economic Reforms;**

Concept, Components, Trends and Role of Service Sector - Infrastructural Development-Transport, Banking, Insurance, and Information Technology - Economic Reforms-Liberalization, Privatization, and Globalization- A critical evaluation.

**References:**

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|----------------------|-----------------------------------------------------------------------------|
| 1. SK Misra and Puri | : Indian Economy, Himalaya Publishing House.                                |
| 2. Ishwar C Dhigra   | : The Indian Economy: Environment and Policy,<br>SC Chand & Sons, New Delhi |
| 3. KPM Sundaram      | : Indian Economy                                                            |
| 4. PK Dhar           | : Growing Dimensions of Indian<br>Economy, Kalayani Publisher.              |

**KAKATIYA UNIVERSITY - WARANGAL - TELANGANA**  
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**B.A. ECONOMICS II Year**  
**SEMESTER – III**

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**PAPER – III STATISTICS FOR ECONOMICS**  
(Discipline Specific Course)

Theory: 5 Hours/Week; Credits: 5 Marks: 100 (Internal: 20; External: 80)

**Module– I: Introduction to Statistics**

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)

**Module– II: Measures of Central Tendency and Dispersion**

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, Coefficient of Variation and Variance

**Module– III: Correlation and Regression**

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

**Module– IV: Index Numbers**

Meaning and Uses – Aspects and Difficulties in the Construction of Index Numbers - Types of Index Numbers –Methods of Index Numbers - Laspayer, Paasche and Fisher.

**Module– V: Analysis of Time Series**

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.

**Reference Books:**

- Allen, RGD : Mathematical Analysis for Economists, Macmillan Press, London.  
Bhardwaj RS : Mathematics for Economics and Business, Excel Books, New Delhi  
Bose : Mathematics for Economics, Himalaya Publishing, New Delhi  
Chiang, AC : Fundamental Methods of Mathematical Economics McGraw Hill,  
New Delhi Nagar & Das: Basic Statistics  
S.P. Gupta : Statistical Methods, S. Chand & Co.,  
G.S. Monga : Mathematics for Economists

**B.A. (ECONOMICS) SYLLABUS**  
**Semester - V**  
**Discipline Specific Elective**

**Paper – V (B)**  
**PUBLIC ECONOMICS**

**Module - I: Introduction**

Meaning and importance of Public finance -Evolution of public finance. Multiple theories of public household-Public and Private goods-Markets mechanism in public and private goods. State as an agent of planning and development

**Module- II: Public Expenditure**

Theories of public expenditure- Wagner' s law of increasing state activities – Peacock Wisemans hypothesis- Principle of Maximum Social advantage –Growth and pattern of public expenditure, Effects of public expenditure-Cost benefit analysis.

**Module- III: Taxation & Public Debt**

Approaches to taxation- Benefit approach, Ability to pay approach and Neutrality approach- Elasticity and buoyancy of taxation-incidence and shifting of taxation-Types and classification of taxes and VAT, Approaches to public debt.

**Module- IV: Fiscal Policy & Federal Finance**

Definition of fiscal policy and its objectives; Fiscal Policies for redistribution of income and wealth and stabilization – fiscal policies in a developing country, federal financial structure and its main features – Direct taxes-Income tax-Corporate tax. Indirect tax structure- –GST

**Module- V: Budget**

Budget – Classification of budgets –Economic, Functional, organizational, classification of budgets- performance programming and zero based budgets- surplus, balanced and deficit budgets- Concepts of budget deficit and their implications – State and Central budgets. Fiscal crisis and Fiscal sector reforms in India

**References**

1. Atkinson, A Band J.E Sigitz (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 Economics
10. Om prakash Public Economics

**B.A. (ECONOMICS) SYLLABUS**  
**Semester - VI**  
**Discipline Specific Elective**

**Paper –VI (A) INTERNATIONAL ECONOMICS**

**Module - I: Theories of International Trade:**

Theories of absolute advantage, comparative advantage and opportunity costs; Theorem of factor price equalization; - Heckscher - Ohlin theory of trade, Leontief Paradox.

**Module - II: Trade and Growth**

Gains from Trade.-Trade as an Engine of Economic Growth. Concepts of Terms of Trade- Factors affecting Terms of Trade- Singer-Prebisch secular deterioration of Terms of Trade.

**Module- III: Tariff and Non-Tariff Barriers to Trade**

The basic analysis of Tariffs, Quotas, Protection and Imperfect Competition, Optimum tariff. Customs unions, trade barriers, Arguments for and against a Tariff.

**Module- IV: Balance of Payments**

Concepts and Components of BOP, Equilibrium and disequilibria in Balance of payments, Types of Disequilibria. Remedial measures to control disequilibrium. Causes of Devaluation. Direction and Composition of Foreign trade, Export and Import Policies of India.

**Module – V: Internal Factor movements**

International Movement of labor, international lending and world debt crisis, Foreign Direct Investment.

**References:**

1. Soderston B (1990): International Economics, Macmillan Press Ltd. London
2. Kindle Berger C P (1986): International Economics RD Irwin Concepts wood
3. Vaish MC&Sudhama Singh (2000): International Economics, Himalaya Publishing House, New Delhi
4. Francis Cherunilam: International Economics 4th Edition
5. Mithani DM (2000): International Economics, Himalaya, Mumbai
6. Desai: International Economics, Himalaya, New Delhi.

  
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