

**B.A. (ECONOMICS) SYLLABUS**  
**Semester\_I**  
**MICRO ECONOMICS -I**  
**Discipline Specific Course -Paper –I**

**Module-I: CONSUMER BEHAVIOUR:**

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; Decomposition of price effect: compensating variation and cost difference methods.

**Module-II: PRODUCTION ANALYSIS**

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 to scale and types of returns to scale. Properties of Cobb-Douglas production function.

**Module-III: COST AND REVENUE ANALYSIS**

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 a Average revenue & marginal revenue and price elasticity of demand.

**Module--IV: MARKET STRUCTURE: IMPERFECT COMPETITION**

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, analysis of resource wastage under monopolistic competition. Oligopoly: characteristics of oligopoly, reasons for price rigidity in non-collusive oligopoly. Duopoly: Augustin Cournot's modern version of duopoly

**Module-V: ANALYSIS OF BUSINESS FIRM, PROFIT AND PRICING STRATEGIES**

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.

**References:**

1. M. L. Seth (1985), Micro Economics, 4<sup>th</sup> ed., Lakshmi Narain Agarwal
2. M. L. Jhingan (2016), Micro Economics, 8<sup>th</sup> ed., Vrinda Publications
3. H. L. Ahuja (2017), Modern Micro Economics, 19<sup>th</sup> ed., S. Chand (G/L) & Co.
4. Koutsoyiannis. A (2003), Modern Micro Economics, 2<sup>nd</sup> ed., Palgrave Macmillan U.K.
5. Stonier and Hague, Micro Economics, Pearson Education Limited
6. Dominick Salvatore (2009), Principles of Micro Economics, 5<sup>th</sup> ed., Oxford University Press
7. Schaum Series (2011), Micro Economics, 4<sup>th</sup> ed., Mc Graw Hill Education
8. Robert Pindyck (2017), Microeconomics, 8<sup>th</sup> ed., Pearson Education
9. Gregory Mankiw (2015), Principles of Micro Economics, Cengage Learning India Pvt.

## **B.A. (ECONOMICS) SYLLABUS**

### **Semester-III**

#### **STATISTICS FOR ECONOMICS**

#### **Discipline Specific Course -Paper –II**

##### **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, 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 – Types of Index Numbers. Steps and Difficulties in the Construction of Index Numbers - Methods of constructing Index Numbers: Laspeyres, Paasche's and Fisher.

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

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

#### Reference Books:

1. Allen, RGD (2006): Mathematical Analysis for Economists, Macmillan Press, London
2. Bhardwaj RS (2006): Mathematics for Economics and Business, Excel Books, New Delhi
3. Bose. D (2018): An Introduction to Mathematical Economics, Himalaya Publishing, New Delhi.
4. Chiang, AC (2017): Fundamental Methods of Mathematical Economics McGraw Hill, New Delhi.
5. S. P. Gupta (2014): Statistical Methods, 46<sup>th</sup> edition, S Chand & Sons
6. G. S. Monga (2001): Mathematics for Economics, Second Revised Edition, Vikas Publishing House Pvt. Ltd.

## **B.A. (ECONOMICS) SYLLABUS**

### **Semester-III**

#### **BASICS OF COMPUTER APPLICATIONS IN ECONOMICS**

##### **Skill Enhancement Course-I - Paper-I**

### **Module-I: Introduction of Computers**

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.

### **Module-II: Data Analysis using SPSS:**

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.

### **References**

1. Sinha, P. K. (2004): Computer Fundamentals, 6<sup>th</sup> edition, BPB Publications, NewDelhi.
2. Raja Raman. V (2014): Fundamentals of Computers, 6<sup>th</sup> edition, PHI, New Delhi.
3. Kerns, Richard. L (1992): Essentials of Micro soft Windows, Word and Excel, PHI.
4. Alexis Leon & Mathews Leon(2001): Introduction to Computers with Ms-Office, TMH.
5. Asthana & Braj Bhushan (2016): 2<sup>nd</sup> edition, Statistics for Social Sciences (with SPSS applications), PHI.

## **B.A.(ECONOMICS)SYLLABUS**

### **Semester -V**

### **TELANGANA ECONOMY**

### **Generic Elective- Paper -I**

#### **Module-I: Telangana Economy**

Emergence of Telangana State, Economic Features of Telangana, Demographic Features of Telangana-Occupational Distribution of population in Telangana-Sectoral Distribution of population.

#### **Module-II: Gross State Domestic Product, Poverty and Unemployment**

Growth and Trends in Gross State Domestic Product and Per capita income in Telangana-Sectoral Contribution to Gross State Domestic Product. Poverty and unemployment in Telangana: Trends and Causes.

#### **Module-III: Agriculture Sector**

Growth of Agriculture in Telangana Economy-Trends in Agricultural Production and Productivity, Cropping pattern, Agrarian Structure and Land Reforms, Irrigation sources Trends-Mission Kakatiya, Agricultural Credit and Rural Indebtedness. Rythu Bandhu Scheme.

#### **Module-IV: Industrial Sector, Service Sector and Welfare Schemes.**

Industrial Sector- Its Growth and Pattern, Industrial Policy of Telangana-TS iPASS, Special Economic Zones. Importance of Service Sector in Telangana- Growth and Pattern of Development of Service Sector in Telangana. Welfare schemes: Kalyana Lakshmi, Shadi Mubarak and Mission Bhagiratha.

#### **Basic Reading List:**

1. Rao S Kishan and Rahul A Shastry (2009): Andhra Pradesh Economy – Dynamics of Transformation with a focus on Regional Disparities, National Academy of Development,
2. Hanumantha Rao and S.Mahender Dev (2003); Andhra Pradesh Development – Economic Reform and Challenges Ahead, Centre for Economic and Social Studies, Hyderabad.
3. KankalathaMukund(1990); “Andhra Pradesh Economy in Transition; Centre for Economic and Social Studies,Hyderabad and Book Links Corporation, Hyderabad.
4. MahendraDev,S.C.Ravian M.Venkatanarayana(2009); Human Development in Andhra Pradesh: Experiences, Issues and Challenges; Centre for Economic and Social Studies(CESS), Hyderabad.
5. Galab.s et ai (2017) : Human Development Report, Telangana State, Center for Economic and Social Studies, Hyderabad.
6. Indrakant.S and V.Subramanyam (2021): Socio Economic Profile of Rural Telangana State.

**B.A. (ECONOMICS) SYLLABUS**  
**Semester-V**  
**DSE-AGRICULTURAL ECONOMICS- V-A**

**Module-I: Agriculture and Economic Development.**

Nature and scope of agricultural economics, Role and Importance of Agricultural Economics  
Factors affecting agricultural development, technological, institutional and general.  
Interdependency between agriculture and industry.

**Module-II : Agricultural Production and Productivity**

Concept of Production function : Input and product relationship in farm production. Resource use and efficiency ; Production function analysis in agriculture ; factor combination and resource substitution.

**Module-III: Growth and productivity trends in Indian agriculture**

Recent trends in Agricultural growth in India. Agrarian reforms and their role in Economic Development. Inter-state variations in growth of output and productivity; Cropping pattern shifts; Supply of inputs-Pricing of inputs and role of Subsidies.

**Module-IV : Agricultural Farm Size and Productivity.**

Systems of farming, farm size and productivity relationship in Indian Agriculture. New agricultural strategy and Green revolution and its impact.

**Module-V: Agricultural Marketing**

Emerging trends in production, processing, marketing and exports, Policy controls and regulations relating to industrial sector with specific reference to agro-industries in agri-business enterprises.

#### REFERENCEBOOKS:

1. Sadhu A.N ,Singh Amarjit and Singh Jasbir (2015) ;Fundamental of Agriculture Economics, Himalaya Publishing House, Delhi.
2. Lekhi R.K and Singh Joginder(2018) :Agriculture Economics, Kalyani Publishers.
3. Government of India (1976) :Report of the National commission on Agriculture, NewDelhi
4. Bilgrami, S.A.R. (2017) :Agriculture Economics Himalaya Publishing House, Delhi.
5. Dantwala, M.L. et al (1992)Indian Agricultural Development Since Independence, South Asia Books.



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

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

## References

1. Atkinson, AB and J.E. Stiglitz (1980)  
:Lecturers on Public Economics ,Tata McGraw Hill,  
New York.
2. Auerbach, AJ and M. Feldson (Eds.) (1985) :Handbook of  
Public Economics, Vol.1, North Holland, Amsterdam.
3. Buchanan, JM (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, RA and P.B. Musgrave (1976): Public Finance in Theory and Practice, McGraw Hill,  
Kogakusha, Tokyo.
9. SK Singh (2010) : Public Finance in Theory and  
Practice, S Chand and company.
10. Omprakash (2012) ; Public Economics theory and  
practice., Vishal publishing Company.

