

22/12/2025

Veeranari Chakali Ilamma Women's University
Koti, Hyderabad, Telangana State - 500097

Department of Economics

B. A & B.Sc. (MES) Economics

Major-I Course Structure from 2025-2026 in Telangana State

Year	Semester	Major/ Minor/ SEC/ VAC	Paper	Title of the Paper	Credits	Hours Per Week
I	I	DSC	Paper-I 101	Micro Economics	5	5
	II	DSC	Paper-II 201	Macro Economics	5	5
II	III	DSC	Paper-III 301	Statistics for Economics	5	5
	IV	DSC	Paper-IV 401	Indian economy	5	5
III		MDC	GE	Telangana Economy	4	4
	V	DSE	501- A	Agricultural Economics	5	5
			501 - B	Public Economics	5	5
			501 -C	Economics of Environment	5	5
		SEC- I	SEC-I	Basic Computer Applications in Economics	2	2
		SEC -II	SEC-II	Digital Economy	2	2
		VAC	VAC-I		3	3
	VI	DSE	601-A	International Economics	5	5
			601-B	Development Economics	5	5
			603-C	Industrial Economics	5	5
		SEC-III	SEC-III	Financial Economics	2	2
		SEC- IV	SEC- IV	Entrepreneurship and Development	2	2
		VAC	VAC -II		3	3
		Internship/ Project	Project		4	4

DSC – Discipline Specific Course

DSE - Discipline Specific Elective

MDC –Multi Disciplinary Course for Non- Economic Students

SEC – Skill Enhancement Course

VAC – Value Added Course

B. A & B.Sc. (MES) (ECONOMICS) SYLLABUS

Semester-I, Paper –I

MICRO ECONOMICS

Discipline Specific Course - (ECO 101)

Module - 1: Consumer Behaviour

Consumer Equilibrium in Oriented utility Analysis (in Behavioral Economics), Nudge theory, Role of AI in Consumer Decision Making, Demand Elasticity in Digital Markets, Networks effects on consumer demand, Price, Income and substitution Effects on consumption.

Module - 2: Production Analysis

Concepts of Production function, Automation and AI in production, sustainable production method, Returns to scale-scope of economies in digital platforms and production efficiency, Cobb-Douglas function-Role of Big data in Production Analysis.

Module - 3: Cost and Revenue Analysis

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, Economics of scale- Digital and technological economics, Revenue concepts, total, average and marginal, relationship between average & marginal revenue, Revenue models in digital markets (Subscription, Freemium, Dynamic pricing)

Module - 4: Market Structure

Imperfect competition-Monopoly: Equilibrium of a monopolist with price discrimination, monopoly power in Tech firms, Antitrust Laws & Digital market monopolies, Monopolistic Competitions-Brand Loyalty and consumer psychology, social media, Oligopoly-collusion in Digital market places, Duopoly-Platform competition (Google Vs Apple, Uber Vs Lyft), Digital market Duopolies

Module - 5: Analysis of Business Firm and Pricing Strategies

Objectives of business firm: ESG (Environment, Social & Governance) consideration in Business strategy, Profit Concept-Accounting and economic profit, break-even point, Role of AI in profit optimization, AI based pricing models

Suggested Readings:

1. Seth ML, A (2020), *Micro Economics*, Lakshminarayan Agarwal Publisher
2. Niti Aayog (June 2022), *Indias Booming Gig and Platform Economy: Perspectives and Recommendations on the Future of the Work*.
3. Ahuja HL (2019), *Modern Micro Economics*, 22ndEd., S Chand Publishing
4. Koutsoyiannis, A (1985), *Modern Microeconomics*, 2ndEd., Macmillan Pres Ltd
5. Stonier Alfred & Hague, DC (2003), *A Text Book of Economics Theory*, Pearson

6. Jhingan, ML (2022) *Advanced Economic Theory*, 14th Ed., Vrinda Publications.
7. Ahuja HL, (2019), *Advanced Economic Theory*, 21stEd., S Chand.
8. Pindyck, R.S., D.L. Rubinfeld, Sreejata Banerjee (2022), *Microeconomics*, 9thEd., Pearson Educational
9. Jhingan, ML (2016), *Microeconomics*, 8th Ed. Vrinda Publications
10. Salvatore Dominick (2009), *Principles of Microeconomics*, 5th Ed., Oxford University Press
11. Schaum Series (2011), *Microeconomic*, 4th Ed. Mc Graw-Hill Education
12. Gregory N Mankiw (2012), *Principles of Microeconomics*, 6th Ed., South-Western Cengage Learning

B.A & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester-II, Paper –II
MACRO ECONOMICS
Discipline Specific Course - (ECO 201)

Module - 1: Introduction to Macro Economics

Macro Economics. Concepts of circular flow of Incomes, National Income Analysis. Concepts and Components- Methods of Measurement-Role of Big Data in accounting national income, Difficulties and Limitations in the Estimation of National Income.

Module - 2: Theories of Income and Employment

Keynesian Theory of Income and Employment-Effective Demand, Behavioural Macro Economics, Impact of Automation on Employment. Consumption Function: Average Propensity to Consume (AOCV) and Marginal Propensity to Consume (MPC)-Factors determining Consumption Function. Savings Function: Average Propensity to Save and Marginal Propensity to Save.

Module - 3: Investment and Interest

Types of Investment, Determinants of Level of Investment-Marginal Efficiency of Capital and Marginal Efficiency of Investment. Green Investment and Sustainable Capital, Impact of Digital Assets on Investment, Concept of Behavioural Finance in Investment decisions.

Module - 4: Supply of Money & Demand for Money

Functions and Classifications of Money-Money Supply- CBDCs (Central Bank Digital Currencies), Role of Fin Tech Fisher's and Cambridge Versions of Quantity Theory of Money.

Module - 5: Inflation & Business Cycles Fluctuations

Inflation-Concept, Types, Causes and Measurement-Role of AI in forecasting Inflation-Effects of Inflation-Measures to Control Inflation-Concepts of Phillips Curve, Deflation and Stagflation: Concept of Business Cycle Fluctuations in Digital Markets, Role of AI & Big Data in predicting recessions

Suggested Readings:

1. Ackley, G (1976), *Macro Economic Theory and Policy*, Mc Millan New York
2. Shapiro, E (1996), *Macro Economic Analysis*, Galgotia Publications, New Delhi.
3. Hansen A H (1953), *A Guide to Keynes*, McGraw Hill, New York.
4. Keynes JM (1936), *The General Theory of Employment, Interest and money*.
5. Vanita Agarwal, (2018) *Macro Economics, Theory and Policy*, Pearson
6. MC Vaish (2005), *Macro Economic Theory*, 16th Ed., Vikas Publishing House Pvt Ltd.
7. M L Jhingan (2016), *Macro Economic Theory*, 13th Ed., Vrinda Publications P Ltd,

Delhi.

8. M.L. Seth (2017), *Macro Economics*, Lakshmi Narian Agarwal Publisher, Agra.
9. D N Dwivedi (2022), *Macroeconomics: Theory and Policy*, 5th Ed., McGraw Hill.
10. Gupta, S.B. (1995), *Monetary Planning India*, Oxford University Press, New Delhi.
11. HL Ahuja, (2019), *Macroeconomics: Theory and Policy*, 20th Ed., S Chand

B. A & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester-III, Paper –III
STATISTICS FOR ECONOMICS
Discipline Specific Elective- (ECO 301)

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.

Suggested Readings:

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*, 46th Ed., 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, SEC- I
BASICS OF COMPUTER APPLICATIONS IN ECONOMICS
Skill Enhancement Course-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

Suggested Readings:

1. Sinha, P. K. (2004): Computer Fundamentals, 6th edition, BPB Publications, New Delhi.
2. Raja Raman. V (2014): Fundamentals of Computers, 6th 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): 2nd edition, Statistics for Social Sciences (with SPSS applications), PHI.

B. A & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester-IV, Paper –IV
INDIAN ECONOMY
Discipline Specific Elective- (ECO 401)

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 on Indian economy.

Module II: Indian Agriculture:

Importance and Role of Agriculture. Trends in Agricultural Production and Productivity. Land Reforms. Green Revolution – White and Blue Revolutions. Agricultural Finance. Agricultural Marketing. Agricultural Price Policy. Food Security in India.

Module III: Indian Industry and Services:

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

Module IV: NITI AAYOG

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, Economic prism-Cooperative Federalism, Platform for Interface between Centre and State. NITI Aayog role in Strategic Planning. NITI Aayog and Innovation and Knowledge Hub. Challenges ahead.

Module V: Service Sector, 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.

Suggested Readings:

- 1) SK Misra and Puri (2020), *Indian Economy*, 38th Ed., Himalaya Publishing House.
- 2) Ishwar C Dhigra (2002), *The Indian Economy: Environment and Policy*, S Chand & Sons, New Delhi
- 3) Datt & Sundaram (2016), *Indian Economy*, 72nd Ed., S Chand & Sons, New Delhi
- 4) PK Dhar (2013), *Growing Dimensions of Indian Economy*, 21st Ed., Kalyani Publisher.
- 5) Ramesh Singh (2021), *Indian Economy*, 13th Ed., TMH

B.A (ECONOMICS) SYLLABUS
Semester-III, SEC-III
DATA ANALYSIS

Skill Enhancement Course-III

Module-I: Collection and representation of data

Collection of data (some methodological issues), Census, Sample Survey Representation of data. The basic of Data Management in Stata / R / E views/ SPSS/MS Excel

Module-II: Indian Official Statistics (Basic concepts)

Central Statistical Organization (CSO)–National Accounts Statistics (NAS) Industrial Statistics (ASI, IIP), National Sample Survey Organization (NSSO) -Household Consumer Expenditure Survey Rounds, Employment and Unemployment Survey Rounds. Census of India–population Census2011. Reserve Bank of India (RBI) –Handbook of Statistics on Indian Economy (Selected Parts).

Suggested Readings;

1. A.M. Gun, M.K. Gupta and B. Dasgupta (2013), *Fundamentals of Statistics (Vol I)*, The World Press Private Ltd
2. GOI, *Note; Sample Design and Estimation procedure of NSS 68th Round*, National Sample Press Ltd
3. GOI. *SRS Statistical Report (2016)* office of the Registrar General & Census Commissioner of India

B.A & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester-V, Paper –V-A
AGRICULTURAL ECONOMICS
Discipline Specific Elective- (ECO 501 –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

Agricultural Marketing-Definition, Process, Efficiency Criteria, Classification. Problems of Indian Agricultural Marketing. Measures to improve Agricultural Marketing. Marketing of Farm Inputs.

Suggested Readings:

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 & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester-V, Paper –V-B
PUBLIC ECONOMICS
Discipline Specific Elective- (ECO 501 –A)

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

Suggested Readings:

1. Atkinson, AB and J.E Siglitz (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.

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.

Suggested Readings

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. Kankalatha Mukund (1990), *Andhra Pradesh Economy in Transition; Centre for Economic and Social Studies*, Hyderabad and Book Links Corporation, Hyderabad.
4. Mahendra Dev, 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 al., (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 & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester VI, Paper VI -A

INTERNATIONAL ECONOMICS

Discipline Specific Elective (ECO 601 –A)

Module-I: Theories of International Trade:

Theories of Absolute Advantage, Comparative Advantage and Opportunity Cost. 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: International Factor movements

International Movement of labour, international lending. World debt crisis. Foreign Direct Investment.

Suggested Readings:

1. Sodersten, B (1994), *International Economics*, Macmillan Press Ltd. London
2. Kindle Berger CP (1989), *International Economics* RD Irwin Concepts wood
3. Vaish M.C & Sudhama Singh (2018), *International Economics*, Himalaya Publishing House, New Delhi
4. Francis Cherunilam (2020), *International Economics* 4th Ed.
5. Mithani DM (2000), *International Economics*, Himalaya, Mumbai
6. Desai S.S.M (2011), *International Economics*, Himalaya Publishing House

B.A & B.Sc. (MES) (ECONOMICS) SYLLABUS
Semester VI, Paper VI -B

DEVELOPMENT ECONOMICS

Discipline Specific Elective (ECO 601 –B)

Module-I: Economic Development and Growth;

Concepts of Economic Growth and Development. Measurement of Economic Development: Per Capita Income, Basic Needs, Physical Quality of Life Index, Human Development Index and Gender Empowerment Measure. Role of State and Market in Economic Development.

Module-II: Factors in Economic Development:

Factors effecting Economic Development - Characteristics of developing Countries- Population and Economic Development- Theories of Demographic Transition. Human Resource Development and Economic Development.

Module-III: Theories of Economic Development:

Theories of Adam Smith, David Ricardo, Karl Marx and Schumpeter.

Module-IV: Theories of Under Development:

Lewis, Rodan, Libenstien, Nurkse's Balanced Growth Strategy, Hirschman's Un-balanced Growth Strategy, Myrdal Model.

Module-V: Resource Mobilization for Economic Development:

Financing Economic Development External resources - FDI, Foreign Aid vs Trade, Technology inflow, NC activity in developing countries; Borrowings- domestic and external- Burden of borrowing - IMF and World Bank.

Suggested Readings:

1. Gerald M. Meier (2005), *Leading issues in Economic Development*, 6thEd., OUP, Delhi
2. Michael P. Todaro (2016), *Economic Development in the third world*, 4thEd., Orient Longman, Hyderabad
3. Ghatak Subrata (1995), *Introduction to development economics*
4. Sukhamoy Chakravarty (1998), *Development Planning -Indian Experience*, OUP, Delhi
5. S.K. Misra & V.K Puri (2017), *Economic Development and Planning, (Theory and Practice.)*