**JECRC UNIVERSITY**

**Department of Economics**

**Faculty of Humanities**

**Syllabus of B.A Economics (Hons.) 2020.**

**BEC001B: MICRO ECONOMICS**

**Unit I: Introduction**

**Unit II: Cardinal Utility**

**Unit III: Ordinal Utility Analysis**

**Unit IV: Consumer Behavior**

**Unit V: Theory of Production**

**BEC002B: MACRO ECONOMICS**

**Unit I:National Income**

**Unit II: Classical Economics laws**

**Unit III: Keynesian Economics**

**Unit IV: Multiplier & Accelerator**

**Unit V: Trade Cycles**

**BEC003B: INDIAN ECONOMY**

**UNIT I:Economic Development since Independence**

**UNIT II:Industrialization**

**UNIT III :Population and Human Development**

**UNIT IV :Structural Change of Post Independent Indian Economy**

**UNIT V:Economy in Post Reform Period**

# BMA003C MATHEMATICAL METHODS FOR ECONOMICS- I

# Unit I: Basic Concepts : Exponents

# Unit II: Basic Concepts : Equations

**Unit III: Matrices I**

**Unit IV: Matrices II**

**Unit V: Determinants**

**BMA004C: MATHEMATICAL METHODS FOR ECONOMICS- II**

**UNIT I**: **Preliminaries**

# UNIT II: Differential Calculus

**UNIT III: Continuous functions**

**UNIT IV: Single-variable optimization**

**UNIT V: Integration**

**SECOND SEMESTER**

**BEC004B: MICRO ECONOMICS-II**

**Unit I: Cost and Revenue**

**Unit II: Theory of Firm I**

**Unit III: Theory of Firm II**

**Unit IV: Factor Pricing I**

**Unit V: Factor Pricing II**

**BEC004B: MACRO ECONOMICS-II**

**UNIT I. Aggregate Demand and Aggregate Supply**

**UNIT II Inflation theories**

**UNIT III Macroeconomic Policy**

**UNIT IV Open Economy Models**

**UNIT V Economic Growth models**

**BEC006B INDIAN ECONOMY II**

**UNIT I Macroeconomic Policies and Their Impact**

**UNIT II Policies and Performance in Agriculture Growth**

**UNIT III Policies and Performance in Industry Growth**

**UNIT IV Trends and Performance in Services.**

**UNIT V Foreign investment and foreign technology**

**BMA003C MATHEMATICAL METHODS FOR ECONOMICS- III**

**Unit I**: **Partial and Total derivatives-I**

**Unit II: Partial and Total derivatives-II**

**Unit III: Application of Differential Calculus –I (Theory of consumer behaviour)**

**Unit IV: Application of Differential Calculus –II**

**Unit V: Definite integrals and applications**

**BMA 004 C Paper IV MATHEMATICAL METHODS FOR ECONOMICS**

**Unit I: Introduction to Statistics**

**Unit II: Population and Sample**

**Unit III: Presentation of Data**

**Unit IV: Measures of Central Tendency- I**

**Unit V: Measures of Central Tendency – II**

**THIRD SEMESTER**

**BEC007: PUBLIC ECONOMICS I**

**UNIT I: Introduction to Public Finance**

**UNIT II : Public Expenditure**

**UNIT III :Sources** **of income of Government**

**UNIT IV :Taxation**

**UNIT V: Public Debt**

**BEC008: GROWTH AND DEVELOPMENT / DEVELOPMENTAL ECONOMICS**

**UNIT-1: Meaning of Development and Relevant Concepts**

**UNIT-II: Classical Theories of Development**

**UNIT III: Important Growth Models**

**UNIT IV: Theories of Development**

**UNIT-V**:**Poverty**

**BEC009 STATISTICAL METHODS FOR ECONOMICS – I**

**UNIT I:** **Introduction of Statistics**

**UNIT II: Measures of Central Tendency and Dispersion**

**UNIT III: Correlation and Linear Regression Model**

**UNIT IV: Time Series Statistics**

**UNIT V: Index Numbers**

**DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPER-I**

**BEC015: ECONOMICS OF HEALTH AND EDUCATION**

**UNIT I: Role of Health and Education**

**UNIT II: Microeconomic Foundations of Health Economics**

**UNIT III: Evaluation of Health Programs Costing**

**UNIT IV**: **Health Sector in India**

**DISCIPLINE SPECIFIC ELECTIVE (DSE) PAPER-II**

**BEC016: MONEY AND FINANCIAL MARKETS**

**UNIT I: Money Concept**

**UNIT II: Financial Institutions**

**UNIT III: Interest Rates Determination**

**UNIT IV**: **Banking System**

**UNIT V: Central Banking and Monetary Policy Functions**

**BMA005 OPTIMIZATION TECHNIQUES**

**Unit I: Linear Programming**

**Unit II: Linear Programming: The Simplex Method**

**Unit III: Transportation and Assignment Problem**

**Unit IV: Game Theory**

**Unit V: Replacement and Maintenance Models**

**GENERIC ELECTIVES**

**BEC023 ECONOMY OF RAJASTHAN**

**UNIT I : Introduction to Economy of Rajasthan**

**UNIT II Natural Resources Endowments**

**UNIT III: Infrastructure in the State**

**UNIT IV: Enterprises in Rajasthan**

**UNIT V: Economic** **Planning and Development in Rajasthan**

**BEC024 HEALTH ECONOMICS**

**Unit-I: Definition and Scope**

**Unit-II: Demand for Health and Demand for Medical Care**

**Unit-III: Health Cost Concepts**

**Unit-IV: Economics of Health Insurance**

**Unit V: Economic Evaluation**

**FOURTH SEMESTER**

**BEC010 PUBLIC ECONOMICS**

**UNIT I: Introduction to Public Expenditure**

**UNIT II: Demand and Supply Theory**

**UNIT III: Concept of Public Goods**

**UNIT IV: Concepts of Public Debt**

**UNIT V: Government budget and its structure**

**BEC011 STATISTICS FOR ECONOMICS- II**

**UNIT 1: Elementary Probability Theory and Distribution**

**UNIT 2: Random Variables and Probability Distributions**

**UNIT 3: Testing of Hypothesis-I**

**UNIT 4: Testing of Hypothesis-II**

**UNIT 5: Non Parametric tests**

**BEC017 ENVIRONMENTAL ECONOMICS**

**UNIT I**: **Changing Perspectives on the Environment**

**UNIT II**: **Theory of Environmental Externalities**

**UNIT III: Optimal Exploitation of Natural Resources**

**UNIT IV**: **Valuing the Environment**

**UNIT V**: **National Income and Environmental Accounting**

**BMA 006 OPTIMIZATION TECHNIQUES**

**UNIT I: Linear Programming**

**UNIT II: Linear Programming: The Simplex Method**

**UNIT III: Transportation And Assignment Problem**

**UNIT IV: Game Theory**

**UNIT V: Replacement and Maintenance Models**

**GENERIC ELECTIVE**

**BEC 026 ENVIRONMENTAL ECONOMICS**

**UNIT I**: **Introduction to Environmental Economics**

**UNIT II: The Design and Implementation of Environmental Policy**

**UNIT III: Environmental Valuation Methods and Applications**

**UNIT IV: Sustainable Development**

**BEC 027 INDUSTRIAL ECONOMICS**

**UNIT I: Industrial Organisation and Ownership Structure**

**UNIT II: Market Structure and Market Concentration**

**UNIT III: Industrial Finance and Location Analysis**

**UNIT IV: Industrial Productivity**

**UNIT V: Industrial Development in India**

**FIFTH SEMESTER**

**BEC012 INTERNATIONAL ECONOMICS**

**UNIT I: Inter-regional and international trade**

**UNIT II: The Standard Theory of International Trade and Terms of Trade**

**UNIT III: International Theories**

**UNIT IV: Trade Restrictions: Tariffs and Nontariff Trade Barriers**

**UNIT V: Economic Integration**

**BEC013 INTRODUCTOTRY ECONOMETRICS**

**UNIT I**: **Definition and scope of econometrics**

**UNIT II: Simple Linear Regression Model**

**UNIT III: Multiple Linear Regression**

**UNIT IV: Problems in LRM**

**UNIT V: Dummy Variable Regression Models**

**BEC 019 MONEY AND BANKING**

**UNIT I:Money Concept, functions**

**UNIT II: Financial Institutions, Markets**

**UNIT III: Interest Rate Determination**

**UNIT IV: Balance sheet and portfolio management**

**UNIT V: Central Banking and Monetary Policy Functions**

**BEC020 RURAL ECONOMICS**

**UNIT I: Aspects of Rural Development**

**UNIT II Panchayats and Rural Development**

**UNIT III Rural Credit**

**UNIT IV: Critical Evaluation of Selected Government Programmes** and Rural **Development**

**BEC 027 MANAGERIAL ECONOMICS**

 **UNIT I: Demand, Cost and Profit Analysis**

**UNIT II:** **Pricing Policies and practices**

**UNIT III: Capital Budgeting**

**UNIT IV: Cost of capital**

**UNIT V: Inventory Management**

**BEC 028 FINANCIAL ECONOMICS**

**UNIT I: Introduction to Financial Economics**

**UNIT II: Financial Regulations and Financial Sector Reforms**

**UNIT III: Equity Market**

**UNIT IV: Stock Evaluations**

**UNIT V: Stock Risk & Return Analysis**

**SIXTH SEMESTER**

**BEC 014 INTERNATIONAL ECONOMICS -II**

**UNIT I: An overview of World trade**

**UNIT II: International Equilibrium**

**UNIT III: The Balance of Payments**

**UNIT IV: IMF and Macro Economic Policy**

**UNIT V: International Economic Issues**

**BEC 021 ADVANCED ECONOMETRICS**

**UNIT I: Dynamic Econometric Models**

**UNIT II: Simultaneous-Equation Models**

**UNIT III: Time Series Econometrics: Basic Concepts**

**UNIT IV: Time Series Econometrics: Forecasting**

**UNIT V: Panel Data Regression Model**

**BEC 022 POLITICAL ECONOMY**

**UNIT I:Introduction to Political Economy**

**UNIT II: Political Economy of the Market and the Macro Economy**

**UNIT III: Mixed Economy Model**

**UNIT IV**: **Political Economy of Liberalisation**

**UNIT V: Autonomy of the State and Dynamics of Dominant Oligarchy**

**GENERIC ELECTIVES**

**BEC029 RESEARCH METHODOLOGY**

 **UNIT I: Meaning and Definition of Research**

 **UNIT II: Philosophy and Methods of Social Research**

 **UNIT III: Selection of Research Problem**

 **UNIT IV**: **Research Design and Ethics**

 **UNIT V: Sampling and Sample Design**

**GENERIC ELECTIVE**

**BEC 029 RESEARCH METHODOLOGY**

 **UNIT I: Meaning and Definition of Research**

**UNIT II: Philosophy and Methods of Social Research**

**UNIT III: Selection of Research Problem**

**UNIT IV**: **Research Design and Ethics**

**UNIT V: Sampling and Sample Design**

**BEC030 LABOUR ECONOMICS**

**UNIT I: Introduction to Labour Economics**

**UNIT II: Labour Market Analysis**

**UNIT III: Wage and Labour Market Discrimination**

**UNIT IV: Employment, Unemployment and Labour Mobility**

**UNIT V: Labour Regulations and Labour Market Policies in India**