

➤ Programme Name: **B.Sc. Economics**

➤ Course Outcomes:

Year	Semester	Course/Module	Course Outcomes
I	I	Principles of Microeconomics	<ol style="list-style-type: none"> 1. Understand how demand and supply interact in various market structures to determine price and quantity of a good produced. 2. Understand the links between household behaviour and the economic models of demand. 3. Understand the links between production costs and the economic models of supply. 4. Apply economic reasoning to individual and firm behaviour. 5. Analyse the efficiency and equity implications of government interference in markets. 6. Recognize the situations leading to market failure.
		Principles of Macroeconomics	<ol style="list-style-type: none"> 1. Using employment and national income statistics students will be able to describe and analyse the economy in quantitative terms. 2. Students will be able to describe the contemporary banking and monetary system, and analyse the role of money, credit, and monetary policy. 3. Students will be able to utilize a simple contemporary economic model such as the aggregate supply/aggregate demand model and describe the interrelationships among prices, income and interest rates as they affect consumption, saving and investment. 4. Analyse fiscal and monetary policy decisions to counter business cycle swings by using macro-economic models.
		Introduction to Mathematical Economics	<ol style="list-style-type: none"> 1. Students will be well versed with identifying various mathematical functions and their applications at course completion. 2. Mathematical outcomes will be interpreted well in terms of economics. 3. Students will get to learn applications of mathematical tools to economy.
		Development Experience of Major Economies of the World	<ol style="list-style-type: none"> 1. Understand the origins and inter-linkages behind the development patterns of some major developed and developing economies.

			<ol style="list-style-type: none"> Analyse major events and policies in each of the seven countries.
		Introductory Sociology	<ol style="list-style-type: none"> Understand the significance of current events as an individual, a member of social groups, a member of specific society. It will also help them to understand the intellectual and ethical importance of the sociological imagination and sociological mindfulness. This course will foster a better understanding of the connections between society and economics as they are closely related and have overlapping areas which will promote application of sociological concepts to the field of economics.
		Logic	<ol style="list-style-type: none"> Construct, symbolize, and evaluate proofs in syllogistic logic, truth-functional logic, first-order (quantificational) logic, set-theory and Peano arithmetic. Understand the development of logic, including metalogical results.
		Effective Communication	<ol style="list-style-type: none"> Holistic development of a student to not only have communication skills for success but to be well rounded individuals to contribute to development of the world around them and the corporates they work in, with good team spirit, Emotional intelligence and empathy.
		Ecode-I	<ol style="list-style-type: none"> The students will be more aware about the current events in India as well as across the globe. They will be able to demonstrate socially sensitive issues via small Movies/Video Clips) They will inculcate the habit of reading newspapers and will be able to understand technical economic concepts.
		IT Skill - I	<ol style="list-style-type: none"> Students will develop a creative and productive approach, which is sure to come in handy in their future profession or a process of self-education. This course will be form a base for data analysis and give students a hands on MS. Excel and MS.Powerpoint.
	II	Intermediate Microeconomics	<ol style="list-style-type: none"> Analyse and critically evaluate the pricing and output outcomes of firms operating in various market structures, and their impact on welfare Understand and analyse basic game theoretic matrices involving linear and simple non-linear functions.

		Intermediate Macroeconomics	<ol style="list-style-type: none"> 1. Analyse competing Macroeconomic theories. 2. Apply key economic models to analyse contemporary and historical macroeconomic events, and formulate appropriate macroeconomic policies and assess its implications. 3. Apply their knowledge and understanding to critically evaluate India's Macroeconomic policy.
		Introduction to Statistics	<ol style="list-style-type: none"> 1. Students will be able to analyse data statistically. 2. To be able to identify features that describe a data distribution 3. Various analytical skills of students will be sharpened. 4. Students will develop an analytical approach with deeper understanding of every concept taught.
		International Economics - I	<ol style="list-style-type: none"> 1. Demonstrate familiarity with the terminology adopted in international economics. 2. Analyze and explain the implications of data (pattern of trade, terms of trade, gains from trade); 3. Reflect on trade policy instruments and analyses their effects on nations' welfare; 4. Demonstrate the ability to think critically and objectively by relating current issues in international economics to the material learned in class.
		Political Science	<ol style="list-style-type: none"> 1. Understand the fundamental concepts and theories, which forms the basis of social, political set up – furthering their understanding of the relations between states and its citizens. 2. The difference between concepts such as power and authority, nation and state. 3. Understand the debates and perspectives around social and political processes and changes in the country, as well as across the globe. 4. Understand the various political ideologies, their fundamental arguments and how they are translated into political and economic views, actions and ultimately policies. 5. Know more about the constitutional principles, institutions, political systems governing the country and the movements which help shape our norms and laws.
		Law	<ol style="list-style-type: none"> 1. Imperative for every Young entrepreneur 2. Create legal awareness 3. Empower managers in legal matters
		Creative Writing	<ol style="list-style-type: none"> 1. Students will overcome writer's block and find their niche

			<ol style="list-style-type: none"> 2. Students will be aware and reflect on global situations 3. Students develop global personalities to interact internationally 4. Students will hone their reading, learning, team working and decision making skills 5. Students can apply their skills in the social and corporate world.
		Ecode-II	<ol style="list-style-type: none"> 1. The students will be more aware about the current events in India as well as across the globe. 2. They will be able to demonstrate socially sensitive issues via small Movies/Video Clips) 3. They will inculcate the habit of reading newspapers and will be able to understand technical economic concepts.
		IT Skill - II	<ol style="list-style-type: none"> 1. This course will enhance the applicability of their knowledge to actual data solving and getting appropriate conclusions. 2. SPSS software will help students with detailed flow of procedures for many research techniques with short concise theoretical explanations. 3. The use of modern information technology in education helps students to form a creative and productive approach, which is sure to come in handy in their future profession or a process of self-education. 4. This software learning should help students handle live data, analyse data and help them in other courses of their undergraduate studies.

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II	III	Intermediate Mathematical Economics and Statistics	<ol style="list-style-type: none"> 1. Apply mathematical and statistical tools for analysing problems in advanced economics courses such as theoretical modelling of economic decision-making 2. Understand and build analytical skills in econometric models to be taught in further semesters.
		Money, Banking and Financial Institutions	<ol style="list-style-type: none"> 1. To understand the economic principles underlying the working of financial institutions. 2. To understand how central banks, conduct monetary policy 3. To use models to think about monetary and macroeconomic issues 4. To conduct a theoretical analysis of real-world issues and phenomena.

		International Economics - II	<ol style="list-style-type: none"> 1. Have an elementary understanding of open economy macroeconomics and the determinants of Exchange Rate and Balance of Payments. 2. Analyse the links between trade, international finance, economic growth and globalization, with particular emphasis on the experiences of developing countries 3. Critically comment on and participate in current debates on international economic policy.
		Theories of Growth and Development	<ol style="list-style-type: none"> 1. Understand economic growth models and their impact on macroeconomic outcomes 2. Compute conventional measures of development, poverty and inequality using data.
		Behavioral Psychology	<ol style="list-style-type: none"> 1. Display more awareness and sensitivity regarding various emotional and behavioral difficulties. 2. Understand and apply the basic concepts in psychology in their day-to-day activities/ interactions.
		Managerial Accounts	<ol style="list-style-type: none"> 1. Understand the concept of financial accounting and cost accounting.
		Research Methods	<ol style="list-style-type: none"> 1. To provide the students basic knowledge about the social science research and its relevance in tackling real world economic issues 2. To develop the ability of the students to identify research issues and to develop scientific approach in the analysis of economic and social problems 3. To help students learn critical review of literature 4. To familiarize with the methods of data collection, analysis and interpretation.
		Research Writing	<ol style="list-style-type: none"> 1. Understand and organize the various steps of conducting a scientific research. 2. Construct an effective research proposal for their intended field of study. 3. Author a detailed project report with its various sections and sub-sections in a professional language.
	IV	Econometrics - I	<ol style="list-style-type: none"> 1. Use basic econometric estimation techniques such as Ordinary Least Squares to estimate bivariate and multivariate regression models. 2. Detect and analyse the problems associated with real life data estimation and correct them using relevant methods. 3. Appreciate the various regression models and select the most appropriate model for estimation of the given dataset.
		Public Finance and Policy	<ol style="list-style-type: none"> 1. Have an overview of role of government, levels of government spending and functions on which government spend money on different stages of development. 2. Understanding of public and private sector solutions to market failure and government failure.

			<ol style="list-style-type: none"> 3. Have an understanding of public goods, social and private cost-benefit analysis and public choice economics. 4. Examine the issues related to welfare analysis, social security expenditure and how government debt finances spending. 5. Assess the tax policy and its redistributive impacts on different actors of the society.
		Financial Economics	<ol style="list-style-type: none"> 1. Apply economic theories in analysing issues in various subfields of economics 2. Ability to identify the relevant information 3. Derive solution or discuss the best solution 4. Demonstrate the capacity to integrate multiple sources (primary, secondary, electronic and print) into the writing assignments 5. Demonstrate the awareness of global events that impact economic life
		Economics of Geopolitics and International Relations	<ol style="list-style-type: none"> 1. The students will be able to comprehend Resource Wars, Geostrategic Rivalries, Global Power Shift among the state and non-state actors. 2. Gain a deeper understanding of pertinent world issues such as international diplomacy, global energy and financial issues, security, formulation and implementation of foreign policy, international institutions. 3. Understand contemporary international relations and interpret the complexity of current and potential future conflicts.
		English Literature	<ol style="list-style-type: none"> 1. Will be able to demonstrate various writing forms by engaging in diverse expression of themes. 2. Can understand human values and apply creative as well as critical skills on literary narratives. 3. Can demonstrate increased self-reflection by appreciating and assimilating the relevance of diverse cultures narrated across the world.
		Analysis of Financial Statements	<ol style="list-style-type: none"> 1. Use techniques and methodology in analysis of financial statement and take financial Decision based on the same.
		Motivational Training	<ol style="list-style-type: none"> 1. Display an understanding of the theories of motivation and be able to apply the theories to everyday behaviours. 2. Display an increased awareness regarding their own motives and conflicts. 3. Learn skills to manage and deal with organisation change.
		Leadership Training	<ol style="list-style-type: none"> 1. Display an understanding of the basic concepts of Leadership & Team Building and be able to apply them to everyday situations.
		Seminar	<ol style="list-style-type: none"> 1. Students are able to articulate and critique the knowledge in economics and related fields

			<ol style="list-style-type: none"> 2. Demonstrate the familiarity with and the ability to think critically of past and present literatures of their and related fields 3. Find the research gaps and identify the limitations of their research.
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III	V	Advanced Microeconomics	<ol style="list-style-type: none"> 1. Students will know what a competitive market economy is, what it can achieve and where it can fail.
		Indian Economy - I	<ol style="list-style-type: none"> 1. An overall understanding about various sectors of the Indian economy. 2. Analysing the sector specific policies 3. Critical evaluation of various economic policies adopted post-independence.
		Econometrics - II	<ol style="list-style-type: none"> 1. Differentiate between methods used to model cross-sectional and time series datasets. 2. Use R for carrying out operations involving basic statistics and econometrics for the topics included in the course outline. 3. Interpreting results obtained from statistical and econometric exercises in R.
		Game Theory	<ol style="list-style-type: none"> 1. Approach a strategic problem in a better way, especially using game theoretic techniques 2. Come up with different game theoretic solutions to a problem 3. Use the tools and techniques taught in other areas of Economics 4. Demonstrate the knowledge of key topics in Game Theory and could pursue further studies/research in the topic of interest.
		Development Economics	<ol style="list-style-type: none"> 1. After finishing the course, students are expected to demonstrate understanding the critical issues of economic development such as poverty, nutrition and inequality in the developing world. 2. Students will be able to critically view the growth and development theories and exhibit the ability to provide new evidence by empirically testing the models. 3. Students will also be able to critically read the journal literature in the area.
		Economics of Environment and Sustainable Development	<ol style="list-style-type: none"> 1. Understand the role of economic activity in environment and will be equipped to apply economic analysis to the management of the environment and natural resources. 2. Understand how economics can provide solution to the serious problems of environmental damage. 3. Students will learn to design policy solutions which correct market failure.

			<ol style="list-style-type: none"> 4. Students will learn command and incentive based solutions to regulate pollutants and conservation of ecosystem services. 5. Students will be better equipped to use consumer choices to infer demand for environmental quality. 6. Do analytical interpretation of theoretical and empirical research in environmental economics. 7. Examine the role of corporate social responsibility in environmental economics. 8. Comprehend the local and global economic response to climate change, and make policy suggestions to address an environmental challenge.
		Principles of Management	<ol style="list-style-type: none"> 1. To give the students a thorough understanding of the business management concepts. 2. To familiarize the student to the systems approach of management as a foundation to organizing managerial knowledge. 3. To enable students to relate theory with practice.
		Marketing Management	<ol style="list-style-type: none"> 1. Analyse Business Problems by Synthesizing Various Marketing Tools in a Synchronized Manner. 2. To develop suitable Marketing Plans/Marketing Strategies for Existing Products/Services as well as for Launching New Products/Services.
		Corporate Finance	<ol style="list-style-type: none"> 1. To understand how the CAPM is used to compute the cost of capital 2. To calculate betas based on comparable companies and to lever betas to adjust for capital structure. 3. To determine the appropriate riskless rate and market risk premium. 4. Students will be able to estimate expected returns and the difference between the geometric and the arithmetic average as a measure of expected returns. 5. To recognize an integrated financial system that relies on the CAPM and modern financial economics. 6. To emphasizes share repurchases, hotel syndications, and the aggressive use of debt financing.
		Capital Markets	<ol style="list-style-type: none"> 1. Broadly understand the basics of portfolio management. 2. Read the market data and market news. 3. Understand the future impact of the market news. 4. Value Equity and other securities. 5. Understand the basis of asset allocation in light of the risk-return trade off. 6. Construct a Portfolio of securities depending on the objective of the investor.

			<ol style="list-style-type: none"> 7. Understand the ingredients of an Investment Policy Statement. 8. Understand basics of Derivatives. 9. Price Derivative Products.
		Research Paper - I	<ol style="list-style-type: none"> 1. Students are able to articulate and critique the knowledge in economics and related fields 2. Demonstrate the familiarity with and the ability to think critically of past and present literatures of their and related fields. 3. Students are able to develop and carry out their own research and analysis in their related fields and are able to develop and articulate their own research topic. 4. Students are able to use economic theories and methods to research projects. 5. Students are able to use appropriate software to carry out quantitative (statistical and numerical) analyses. 6. To effectively communicate their research results to peers through writing effective papers and are able to deliver effective oral presentations.
	VI	Advanced Macroeconomics	<ol style="list-style-type: none"> 1. Gain thorough understanding of various Macroeconomic theories. 2. Get deeper insights to critically evaluate ongoing policy debates in Macroeconomics.
		Indian Economy - II	<ol style="list-style-type: none"> 1. Get an in-depth understanding about how various policies pertaining to the Indian economy have been evolved. 2. Get an overview of the development paradigm of the Indian economy and they will be able to relate the changing trends in the Indian economy as a response to the changes in Indian economic policy. 3. Will be capable of critically evaluate recent policy initiatives and recent economic debates in India.
		Advanced Econometrics	<ol style="list-style-type: none"> 1. Identify the issue of endogeneity in economic relations. 2. Estimate time series and static panel data models employing suitable estimation methodology. 3. Estimate causal relations using cross-sectional data.
		Economic Governance and Policies	<ol style="list-style-type: none"> 1. Analyse the benefits and costs behind major firm ownership structures 2. Critically evaluate the theoretical justifications behind the presence of government ownership in an economy
		Behavioral Economics	<ol style="list-style-type: none"> 1. Demonstrate knowledge of some of the main theoretical and empirical debates in Behavioural Economics.

			<ol style="list-style-type: none"> 2. Understand the way in which Behavioural economics has developed and how we can relate it to traditional models of economics. 3. Demonstrate an ability to apply the main concepts to a variety of other economic fields.
		Industrial Economics	<ol style="list-style-type: none"> 1. Decision making of large firms 2. Firms' actions in oligopolistic markets 3. Rationale for regulators in analysing the actions of firms
		Operations Research	<ol style="list-style-type: none"> 1. Knowledge of several models will enhance the applicability of the knowledge to actual data solving and getting appropriate conclusions. 2. This course will sharpen the quantitative skills of a student and help them understand applications of Operations research in varied fields like manufacturing, Finance, purchasing and procurement, assigning and allocation of resources for optimum result. 3. Students will formulate and solve problems as networks and graphs. 4. Students will be able to identify and develop operational research models from verbal description of real system.
		International Business	<ol style="list-style-type: none"> 1. Understand the strategies and structure of international businesses and the implications of international business for firms' various functions. 2. The student must be able to use the learnings from this course to develop globally employable skills. 3. It seeks to build on the courses on International economics as also Geopolitics and International relations studied in the earlier trimesters to help students understand the operational aspects of international businesses
		Business Strategy	<ol style="list-style-type: none"> 1. Analyse Business Problems by Synthesizing Various Business Strategies in a Synchronized Manner. 2. To develop suitable Mission/Vision Statements and understand how Strategies are formulated at Corporate Level, SBU Level, Functional Level and Operational Level in Multi Divisional, Multi Product Business Organizations.
		International Finance	<ol style="list-style-type: none"> 1. The importance of International Financial Management, 2. Various aspects of foreign exchange management, 3. Risk mitigation through the use of derivatives, 4. Various avenues and instruments for fund raising in the international markets, 5. Fund flows through equity and debt instruments

			<ol style="list-style-type: none"> 6. Functions & working of various types of International Financial institutions 7. Product and services being provided by international banks in international finance 8. Cross border acquisitions taking place based on strategic planning and synergies by Global Corporations (examples and case studies) 9. Dealing room operations of forex market participants
		Risk Management	<ol style="list-style-type: none"> 1. Understanding of various types of financial and non-financial risks and managing them using derivatives and other risk management mechanisms.
		Research Paper - II	<ol style="list-style-type: none"> 1. Students are able to articulate and critique the knowledge in economics and related fields 2. Demonstrate the familiarity with and the ability to think critically of past and present literatures of their and related fields. 3. Students are able to develop and carry out their own research and analysis in their related fields and are able to develop and articulate their own research topic. 4. Students are able to use economic theories and methods to research projects. 5. Students are able to use appropriate software to carry out quantitative (statistical and numerical) analyses. 6. To effectively communicate their research results to peers through writing effective papers and are able to deliver effective oral presentations.