

SIES (Nerul) College of Arts, Science and Commerce (Autonomous)
(Affiliated to University of Mumbai)
RE-ACCREDITED GRADE "A" BY NAAC (3rd CYCLE)

**BOARD OF STUDIES
SYLLABUS FOR
B.Sc (Computer Science)**

Open Elective: Economics

(WITH EFFECT FROM THE ACADEMIC YEAR 2023-2024)



EcoShaastra: The Elementary Economics

COURSE CODE: U23BE1E01

COURSE CREDIT: 04

1 credit - 15 lectures

1 lecture is 60 minutes

Course Objectives:

- To orient students with basic economic principles and applications.
- To introduce students with basic concepts of Microeconomics and Macroeconomics.
- To develop basic understanding about the role of Government in the Economy
- To understand the functioning of the economy from consumer and producer perspectives.

Course Outcomes:

- Students will be able to describe the basic concepts of demand and supply and understand its relevance in the economy.
- Students will be able to understand the relevance of Microeconomics and Macroeconomics.
- Students will be able to discuss the functions of the Government in the economy.
- Students will be able to explain the role of producers and consumers in the economy.

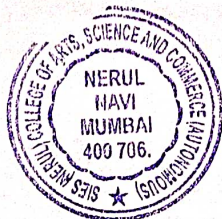
Sr. No	Syllabus	No. of lectures
01	Module -1- Introduction to Demand Analysis <ul style="list-style-type: none">• Basic introduction to Economic schools of thought (Wealth, welfare, scarcity, choice, steady growth- sustainability); problem of decision making (how, what, for whom to produce, how much to produce)• Introduction to Economics- Microeconomics, Macro and Econometrics- meaning, scope and importance.• Introduction to Microeconomics: Meaning of demand, Determinants of demand, Law of demand, Individual and market demand.• Meaning, significance, types and measurement of elasticity of demand (Price, income cross and promotional), numerical problems and case studies.	15
02	Module-2 -Production and Cost <ul style="list-style-type: none">• Meaning of supply, Determinants of supply, Law of supply, Individual and market supply.• The basics of market demand, market supply and equilibrium price- shifts in the demand and supply curves and market equilibrium- diagrams and numerical problems.• Introduction to concepts of Production- Meaning of production, factors of production, efficient production techniques.• Cost & Revenue concepts- meaning, types, numerical problems.• Break-even analysis- meaning, diagrammatic illustration, factors influencing break-even point, numerical problems.	15



03	Module-3 -Introduction to Macroeconomics <ul style="list-style-type: none"> • Introduction to Macroeconomics, How income is generated and circulated in an economy- Circular flow of aggregate income and expenditure: closed and open economy models. • The Measurement of national income: Meaning and Importance, Basic concepts: GDP, GNP, Green National Income; Relationship between National Income and Economic Welfare. • Theory of Trade cycles- phases, features. • Money- evolution, functions of money, money supply- meaning, constituents, relation between money supply and value of money, structure of Indian Money Market (organized, unorganized, co-operative) 	15
04	Module-4 – Inflation and Role of Government in the economy <ul style="list-style-type: none"> • Inflation- degrees, causes of inflation- demand-pull and cost-push inflation, effects of inflation, Inflation targeting. • Role of Government in the economy- provision of public goods (meaning and features) and merit goods (meaning). • Introduction to Fiscal Policy- Public Revenue- Meaning, sources, Public Expenditure- Meaning, Types, Public Debt- Meaning, Types and Union Budget- Concept, Types of Deficits. 	15

References:

- K.K Dewett- “Principles of Economics”
- Mehta, P.L.: Managerial Economics – Analysis, Problem and Cases (S. Chand & Sons, N. Delhi, 2000)
- Hirchey .M., Managerial Economics, Thomson South western (2003)
- Salvatore, D.: Managerial Economics in a global economy (Thomson South Western Singapore, 2001)
- Frank Robert. H, Bernanke. Ben S., Principles of Economics (Tata McGraw Hill (ed.3)
- Gregory Mankiw., Principles of Economics, Thomson Southwestern (2002 reprint)
- Samuelson & Nordhaus.: Economics (Tata McGraw Hills, New.Delhi, 2002)
- Andrew B Abel and Ben S Bernanke - “Macroeconomics”- Pearson Education New Delhi
- David N Hyman - “Macroeconomics” McGraw Hill, New York, Latest Edition
- D N Dwivedi - “Macroeconomics Theory and Policy”- Sultan Chand and Company, New Delhi, Latest Edition
- Dornbusch and Fischer- “Macroeconomics”- McGraw Hill, New York, Latest Edition
- H L Ahuja – “Macroeconomics Theory and Policy – Advanced Analysis” - Sultan Chand and Company, New Delhi Latest Edition
- K.P.M. Sundaram – “Money Banking and International Trade”- Sultan Chand and Company, New Delhi Latest Edition



SCHEME OF EXAMINATION

The scheme of examination shall be divided into two parts:

- Internal assessment 40% i.e. 40 marks
- Semester end examination 60% i.e. 60 marks

(A) Internal Assessment 40 marks

Description	Marks
Internal tests of 20 marks each Q.1 Multiple choice Questions/True or False - 10 Marks Q.2. Attempt 2 questions out of 3 questions (5 marks each)- 10 Marks	20
One Project and Viva voce/Presentation/Case studies/Assignments	15
Attendance and Class behavior	5
Total	40

B) Semester end examination 60 marks

PAPER PATTERN

Duration : 2 hours	
Total Marks: 60	
Q.1 12 marks OR 12 marks	12
Q.2 12 marks OR 12 marks	12
Q.3 12 marks OR 12 marks	12
Q.4 12 marks OR 12 marks	12
Q.5 12 marks OR 12 marks	12
Three short notes out of four of 4 marks each or Case study	
Total	60
Note: 1. Q.1, 2, 3 and 4 - 12 marks question may be divided into sub questions if required. 2. Q.5 May include theory (short notes) /Case Study in one of the options.	

Passing criteria: Minimum 40% in Internal (16 out of 40) and 40% (24 out of 60) in semester end examination.

