

Detailed Syllabus (w.e.f. 2026-27)

Curriculum Designed for B.S.		Self-Financed Programme: UG
Semester: I	Course No.: 114	Course Title: Introduction of Economics-01
Credits: 04	Course Code: MDC	Course Category: Multi-disciplinary Course

Course Objectives:

Number	Objective
Objective 1:	To explain the basic definition of Economics given by Adam Smith, Marshall and Robbins and to introduce the various b Branches of Economics along with the different Concepts of Cost and Revenue
Objective 2:	To explain the meaning of demand including its function and also the concept of production and supply
Objective 3:	To analyze the concept and scope of Environmental Economics, Environmental Protection and the various environment resources
Objective 4:	To make learners aware about environmental sustainability and durable development
Objective 5:	To spread awareness about Environmental Regulations and Laws and green guidelines

Course Outcomes:

On successful completion of the course, the learner will be able to

CO	COGNITIVE ABILITIES	COURSE OUTCOMES
CO1	REMEMBERING	The learners are expected to remember the basic concept of demand-supply and environment economics
CO2	UNDERSTANDING	To develop complete knowledge of the laws of demand, supply and environment
CO3	APPLYING	Apply economic reasoning to real-life problems like pollution and climate change
CO4	ANALYSING	To analyze the basics of demand and supply, price changes and Environmental Regulations and Laws
CO5	EVALUATING	Evaluation of environmental projects, ecological balance using the different economic tools
CO6	CREATING	Develop informed solutions, presentations, or projects that integrate economic principles with sustainable resource management and contemporary environmental concerns.

Course Contents:

Unit No.	Unit Contents	Sessions Allotted
1	Meaning and Definition of Economics • Definition of Economics given by Adam Smith, Marshall, Robbins • Various Branches of Economics • Consumer Surplus, Various Concepts of Cost and Revenue • Concept of IC	15
2	Basic Concepts of Economics • Meaning of Demand-Demand Function-Law of Demand-Change in Demand • Meaning of Production, Supply & Stock-Law of Supply-Change in Supply-Price determination with help of Supply	15
3	Introduction to Environmental Economics • Meaning and Scope of Environmental Economics • Environment as a resource (renewable and non-renewable resources) • Economic Development vs. Environmental Protection	15
4	Environmental Sustainability • Concept of Environmental Sustainability-Its Types (Weak vs. Strong) • Sustainable Development Goals and Environment • Environmental Regulations and Laws (With respect to India)	15

REFERENCES:

1. Introduction to Positive Economics – Richard Lipsey.
2. Economics – Paul Samuelson.
3. Elementary Economics – Dewett and Verma.
4. Elementary Economics – K.P.M. Sundaram.
5. Micro Economics: Theory and Application – D. N. Dwivedi
6. Environmental Economics-R.Bhattacharya
7. Environmental Economics & Sustainable Development-Eban S.Goodstein

Detailed Syllabus (w.e.f. 2026-27)

Curriculum Designed for B.S.		Self-Finance Programme: UG
Semester: II	Course No.: 124	Course Title: Introduction of Economics-02
Credits: 04	Course Code: MDC	Course Category: Multi-disciplinary Course

Course Objectives:

Number	Objective
Objective 1:	To explain the concept of population explosion and government policies to control it
Objective 2:	To elaborate population demographic Theory of Prof. Malthus and assess whether Population is an asset or a liability
Objective 3:	To explain the nature and concept of poverty including the available the measures for its eradication
Objective 4:	To discuss the basic concept of Unemployment including the causes and government policies for its reduction
Objective 5:	To elaborate the concepts of Inflation, stagflation its types, causes and the various policies of the government

Course Outcomes:

On successful completion of the course, the learner will be able to

CO	COGNITIVE ABILITIES	COURSE OUTCOMES
CO1	REMEMBERING	The learners will remember the basic concepts of population explosion, population control policies, poverty, inflation and unemployment
CO2	UNDERSTANDING	The students are expected to understand the primary concepts of poverty, population, unemployment and inflation
CO3	APPLYING	The learners are expected to apply the acquired theoretical knowledge of Indian problems to solution and remedies
CO4	ANALYSING	The learners will be able to analyze the disparities in the income of different groups and also understand the dynamics of regional development
CO5	EVALUATING	The student will be able to evaluate the various problems of Indian economy
CO6	CREATING	Develop informed proposals, presentations, or projects suggesting appropriate economic and policy measures to address contemporary issues of poverty, unemployment, population, and inflation.

Course Contents:

Unit No.	Unit Contents	Sessions Allotted
1	Population • Causes-Effects-Measure's and Government steps to Control the Population • Population Demographic Theory of Prof. Malthus • Population as an asset for liability	15
2	Poverty • Concept and Nature of Poverty • Various Indicators of Poverty-Causes and Measures of Poverty • MDPI-Government steps to Reduce Poverty in India • Concept of Inequality of Income-Recent trends in Poverty in India	15
3	Unemployment • Concept and Nature of Unemployment • Causes and Various Measures to reduce Unemployment • Government steps to reduce Unemployment in India • Lewis Theory of Unemployment • Jobless growth, White collar vs. Brown Collar job	15
4	Inflation • Meaning and Concepts of Inflation • Types and Various Effects of Inflation • Causes of Inflation-Anti-Inflationary Policy • Concept of Inflationary gap and Stagflation	15

REFERENCES:

1. Datt, Gaurav and Mahajan, Ashwani (2017). Indian Economy, S. Chand & Company.
2. Dhar, P.K. (2017). Indian Economy – Its Growing Dimensions, Kalyani Publishers.
3. Government of India, Economic Survey (Annual), Ministry of Finance, New Delhi.
4. Kapila, Uma. (2018). Indian Economy: Performance and Policies” Academic Foundation, New Delhi.
5. Kapila, Uma. (2017). Indian Economy since Independence”, Academic Foundation, New Delhi.
6. Macroeconomics -Theory & Policy -H. L. Ahuja
7. Macroeconomics - Theory, M. L. Jhingan
8. Macroeconomics -Theories & Policies - Richard T. Froyen
9. Macroeconomics - Theory: Policy - William H. Branson.