

**I SEMESTER**  
**OPEN ELECTIVE**  
**ECAOE01 - PRE-REFORMS INDIAN ECONOMY**

Total Teaching Hours Per Semester: 45  
 Number of Credits: 3

Number of Teaching Hours Per Week: 3

**Course Pre-requisite(s):** 12<sup>th</sup> Standard Pass

**Course Outcomes (COs):**

At the end of the course the student should be able to:

1. Trace the evolution of Indian Economy
2. Identify the structural features and constraints of the Indian economy
3. Evaluate planning models and strategy adopted in India
4. Analyze the sector specific problems and contributions towards overall economic growth v. Review various economic policies adopted

<b>Unit</b>	<b>Description</b>	<b>Hours</b>
<b>I</b>	<b>Features and problems of Indian Economy</b>	<b>15</b>
	<b>Chapter 1: Features of Indian Economy</b> <ul style="list-style-type: none"> <li>• India as a developing economy,</li> <li>• Demographic features</li> <li>• Human Development (HDI),</li> <li>• Problems of Poverty, Unemployment, Inflation, income inequality</li> </ul>	4
	<b>Chapter 2: Issues in Agriculture sector in India</b> <ul style="list-style-type: none"> <li>• Land reforms</li> <li>• Green Revolution</li> <li>• Agriculture marketing in India</li> <li>• Agricultural price policy</li> </ul>	6
	<b>Chapter 3: Industrial and Service Sector</b> <ul style="list-style-type: none"> <li>• Industrial development;</li> <li>• Micro, Small and Medium Enterprises,</li> <li>• Industrial Policy</li> <li>• Performance of public sector in India,</li> <li>• Service sector in India.</li> </ul>	5
<b>II</b>	<b>Economic Policies</b>	<b>15</b>
	<b>Chapter 4: Planning</b> <ul style="list-style-type: none"> <li>• Mixed Economy</li> <li>• Bombay Plan</li> <li>• Gandhian Model</li> <li>• Nehru Mahalanobis Model</li> <li>• Objectives and achievements of economic planning in India</li> </ul>	4
	<b>Chapter 5: Monetary policy in India</b> <ul style="list-style-type: none"> <li>• Instruments of Monetary Policy</li> <li>Black money in India – Magnitude and Impact</li> </ul>	4
	<b>Chapter 6: Fiscal Policy in India</b> <ul style="list-style-type: none"> <li>• Tax Revenue</li> <li>• Public expenditure</li> <li>• Budgetary deficits</li> <li>• Fiscal reforms</li> <li>• Public debt management and reforms</li> <li>• Centre state Finance Relations and Finance commissions in India.</li> </ul>	7

<b>III</b>	<b>External sector and Nature of Reforms in India</b>	<b>15</b>
	<b>Chapter 7: India's foreign trade</b> <ul style="list-style-type: none"> <li>• Salient features</li> <li>• Value, composition and direction of trade</li> <li>• Balance of payments</li> <li>• Goal of self-reliance based on import substitution and protection</li> <li>• Tariff policy</li> <li>• Exchange rate</li> </ul>	7
	<b>Chapter 8: Post-1991 strategies</b> <ul style="list-style-type: none"> <li>• Stabilisation and structural adjustment packages</li> <li>• Liberalisation Privatisation Globalisation (LPG) Model</li> <li>• Impact of LPG Policies on Indian Economy</li> </ul>	5
	<b>Chapter 9: NITI Ayog</b> <ul style="list-style-type: none"> <li>• Organization</li> <li>• Functions</li> </ul>	3
<p><b>Suggested Readings:</b></p> <ol style="list-style-type: none"> <li>1. Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi.</li> <li>2. Mishra S.K &amp; V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House.</li> <li>3. Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation</li> <li>4. Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.</li> <li>5. Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.</li> </ol>		

**II SEMESTER  
OPEN ELECTIVE  
ECAOE02 - SUSTAINABLE DEVELOPMENT GOALS**

Total Teaching Hours Per Semester: 45

Number of Teaching Hours Per Week: 3

Number of Credits: 3

**Course Pre-requisite(s):** 12<sup>th</sup> Standard Pass

**Course Outcomes (COs):**

At the end of the course the student should be able to:

1. Understand the basic concept of Sustainable Development (SD), the environmental, social and economic dimensions.
2. Know the history of the SD idea.
3. Be able to discuss the conflicts which are involved in the SD concept on the national as well as on the global scale.
4. Evaluate the sustainable development goals and their attainments

Unit	Description	Hrs
<b>I</b>	<b>Environment, Development and Pollution</b>	<b>15</b>
	<b>Chapter 1: Meaning Characteristics of Environmental Goods and Services</b> <ul style="list-style-type: none"> <li>• Relationship between Environment and Development</li> <li>• Environmental Kuznets Curve – Meaning</li> </ul>	4
	<b>Chapter 2: Resource Use and Management</b> <ul style="list-style-type: none"> <li>• Resource Taxonomy – Renewable and nonrenewable resources</li> <li>• Economic Theory of Depletable Resources</li> <li>• Optimal Use of Renewable Resources</li> <li>• Resource Scarcity and Economic Growth – Limits to Growth Model</li> <li>• Market failures- Tragedy of Commons and common property Resources</li> <li>• Resource Conservation</li> </ul>	6
	<b>Chapter 3: Sustainable Development</b> <ul style="list-style-type: none"> <li>• Sustainable Development – Definitions, Objectives and Principles</li> </ul>	5
<b>II</b>	<b>Sustainable Development Goals</b>	<b>15</b>
	<b>Chapter 4: Introduction and History</b> <ul style="list-style-type: none"> <li>• Brundtland Committee Recommendations</li> <li>• Rio Summit and Agenda 21</li> <li>• SDGs: Goals, Targets and Indicators</li> </ul>	5
	<b>Chapter 5: Government and the SDGs</b> <ul style="list-style-type: none"> <li>• SDG Policy Instruments Planning</li> <li>• Localizing the SDGs</li> <li>• Industrial Policies and the SDGs</li> </ul>	6
	<b>Chapter 6: Financing the SDGs</b> <ul style="list-style-type: none"> <li>• New financing mechanisms and global funds</li> </ul>	4

<b>III</b>	<b>Issues in Implementing SDGs</b>	15
	<p><b>Chapter 7: Means to Realizing the SDGs</b></p> <ul style="list-style-type: none"> <li>• Degrowth and circular economy - concepts</li> <li>• Sustainable production and consumption</li> <li>• Sustainable cities and transportation</li> <li>• Sustainable designs, technology, digital revolution and innovation</li> <li>• Renewable energy</li> </ul> <p><b>Chapter 8: Implementing SDGs</b></p> <ul style="list-style-type: none"> <li>• India's framework for sustainable development</li> </ul> <p><b>Chapter 9: Other Issues</b></p> <ul style="list-style-type: none"> <li>• Sustainable business,</li> <li>• Development Assistance</li> <li>• Cross-Border Cooperation</li> </ul>	<p>8</p> <p>2</p> <p>5</p>
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Baumol, W.J. and W.E. Oates (1988): <i>The Theory of Environmental Policy</i>, (2e), CUP, Cambridge.</li> <li>• Bhattacharya, R.N. (Ed): <i>Environmental Economics: An Indian Perspective</i>, OUP, New Delhi.</li> <li>• Dalby, Simon, et al. <i>Achieving the Sustainable Development Goals: Global Governance Challenges</i>. Routledge, 2019.</li> <li>• Day, G.S., and P.J.H. Schoemaker (2011), <i>Innovating in uncertain markets: 10 lessons for green technologies</i>, MIT Sloan Management Review, 52.4: 37-45.</li> <li>• Elliott, Jennifer. <i>An introduction to sustainable development</i>. Routledge, 2012.</li> <li>• Gagnon, B., Leduc, R., and Savard, L., <i>Sustainable development in engineering: a review of principles and definition of a conceptual framework</i>. Working Paper 08-18, 2008.</li> <li>• Hanley, Shogren and White (1997): <i>Environmental Economics in Theory and Practice</i>, Macmillan.</li> <li>• Kolstad, C.D. (1999): <i>Environmental Economics</i>, OUP, ND.</li> <li>• Pearce, D.W. and R. Turner (1991): <i>Economics of Natural Resource Use and Environment</i>, John Hopkins Press, Baltimore.</li> <li>• Sachs, Jeffrey D. <i>The age of sustainable development</i>. Columbia University Press, 2015</li> <li>• Tietenberg, T. (1994): <i>Environmental Economics and Policy</i>, Harper Collins, NY.</li> </ul> <p>NITI AYOG Sustainable development reports</p>		