



**Integral University, Lucknow**

**Effective from Session: 2019-20**

<b>Course Code</b>	HE307	<b>Title of the Course</b>	Indian Economy-I	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	III <sup>rd</sup>	<b>Semester</b>	VI <sup>th</sup>	<b>5</b>	<b>1</b>	<b>0</b>	<b>6</b>
<b>Pre-Requisite</b>	Intermediate	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	Students will be able to understand the concept of National Income and its pattern. They will understand the economic infrastructure of the Indian economy, social infrastructure, and external sectors of the economy.						

**Course Outcomes**

<b>CO1</b>	Comprehend the national income and pattern of India.
<b>CO2</b>	Understand the basic economic infrastructure of the Indian economy.
<b>CO3</b>	The student will be able to understand the basic social infrastructure of India.
<b>CO4</b>	Understand the impact of the external sector of the economy.
<b>CO5</b>	Examine the recent trends and emerging issues in the economy of the UP.

<b>Unit No.</b>	<b>Title of the Unit</b>	<b>Content of Unit</b>	<b>Contact Hrs.</b>	<b>Mapped CO</b>
1	National Income And Pattern	National Income and Pattern of Consumption in Indian Economy, Saving, Investment, and Capital Structure, Resource Mobilization, Other Major Macro Economic Issues.	18	CO1
2	Economic Infrastructure Of the Indian Economy	Economic Infrastructure: Energy, Transport and Communication, Banking, Finance, Science, and Technology.	18	CO2
3	Social Infrastructure	Education, Health, Social Welfare, Environment, and Employment.	18	CO3
4	External Sector of The Economy	Evolution of Trade Policy in India. Trade Policy Reforms, Globalization, Foreign Direct Investment, Recent Development in Foreign Trade of India, Convertibility, WTO & India.	18	CO4
5	Recent Trends And Emerging Issues In The Economy of The UP	Five-year plans of UP, Agriculture, Industry, and Social Sector Development	18	CO5

**Reference Books:**

- Shankar Acharya, 2010, Macroeconomic Performance and Policies 2000-8, I in Shankar Acharya and Rakesh Mohan, editors, India's Economy: Performances and Challenges: Development and Participation, Oxford University Press.
- Rakesh Mohan, 2010, India's Financial Sector and Monetary Policy Reforms, in Shankar Acharya and Rakesh Mohan, editors, India's Economy: Performances and Challenges: Development and Participation, Oxford University Press.
- Pulapre Balakrishnan, Ramesh Golait and Pankaj Kumar, 2008, —Agricultural Growth in India Since 1991, RBI DEAP Study no. 27.
- B.N. Goldar and S.C. Agarwal, 2005, Trade Liberalization and Price-Cost Margin in Indian Industries, the Developing Economics, September.
- Kunal Sen, 2010, —Trade, Foreign Direct Investment and Industrial Transformation in India, in Premachandra Athukorala, editor, The Rise of Asia, Rutledge.

**e-Learning Source:**

<http://www.ignouhelp.in/ignou-study-material/>

**Course Articulation Matrix: (Mapping of COs with POs and PSOs)**

<b>PO-PSO CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>
<b>CO1</b>	3	1	2	1	1	2	2	1	3	2	2
<b>CO2</b>	2	2	1	2	2	1	1	2	2	2	2
<b>CO3</b>	3	2	1	3	1	2	2	1	3	1	1
<b>CO4</b>	3	2	2	2	2	1	1	2	2	2	2
<b>CO5</b>	2	1	2	3	1	1	1	1	3	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<p align="center">Sohrab Ausari Dr. Sohrab Ausari</p> <p align="center">Name &amp; Sign of Program Coordinator</p>	<p align="center">Zeba Agil Head</p> <p align="center">Sign &amp; Seal of HoD</p>
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**Integral University, Lucknow**

<b>Effective from Session: 2019-20</b>							
<b>Course Code</b>	HE 308	<b>Title of the Course</b>	Development Economics – II	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	III <sup>rd</sup>	<b>Semester</b>	VI <sup>th</sup>	5	1	0	6
<b>Pre-Requisite</b>	Intermediate	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	This is the second module of the economic development sequence. It begins with basic demographic concepts and their evolution during the process of development. The structure of markets and contracts is linked to the particular problems of enforcement experienced in poor countries. The governance of communities and organizations is studied and this is then linked to questions of sustainable growth. The course ends with reflections on the role of globalization and increased International dependence on the process of development.						

<b>Course Outcomes</b>	
<b>CO1</b>	Know the concept and characteristics of the development theory of Economics.
<b>CO2</b>	Be acquainted with various concepts of Land, Labor, and Credit Markets:
<b>CO3</b>	To develop a sense among students regarding Individuals, Communities, and Collective Outcomes.
<b>CO4</b>	To develop awareness regarding the Environment and Sustainable Development.
<b>CO5</b>	To get a deep understanding of Contemporary Issues related to Governance.

<b>Unit No.</b>	<b>Title of the Unit</b>	<b>Content of Unit</b>	<b>Contact Hrs.</b>	<b>Mapped CO</b>
1	<b>Demography and Development</b>	Demographic concepts; birth and death rates, age structure, fertility, and mortality; demographic transitions during the process of development; gender bias in preferences and outcomes and evidence on unequal treatment within households; connections between income, mortality, fertility choices, and human capital accumulation; migration.	18	CO1
2	<b>Land, Labor, and Credit Markets</b>	The distribution of land ownership; land reform and its effects on productivity; contractual relationships between tenants and landlords; land acquisition; nutrition and labor productivity; informational problems and credit contracts; microfinance; inter-linkages between rural factor markets.	18	CO2
3	<b>Credit markets</b>	Informational problems and credit contracts; microfinance; inter-linkages between rural factor markets.	18	CO3
4	<b>Individuals, Communities, and Collective Outcome</b>	Individual behavior in social environments, multiple social equilibria; governance in organizations and communities; individual responses to organizational inefficiency	18	CO4
5	<b>Environment and Sustainable Development</b>	Defining sustainability for renewable resources; a brief history of environmental change; common-pool resources environmental externalities and state regulation of the environment; economic activity and climate change.	18	CO5

**Reference Books:**

- Debraj Ray, Development Economics, Oxford University Press, 2009.
- Partha Dasgupta, Economics, A Very Short Introduction, Oxford University Press, 2007.
- Alain De Janvry, Elisabeth Sadoulet, "Development Economics: Theory and Practice" Routledge, 2021.

**E-Learning Source:**

[https://onlinecourses.nptel.ac.in/noc20\\_hs27/preview](https://onlinecourses.nptel.ac.in/noc20_hs27/preview)

<b>Course Articulation Matrix: (Mapping of COs with POs and PSOs)</b>											
<b>PO-PSO CO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PO3</b>	<b>PSO4</b>
<b>CO1</b>	3	1	1	1	2	2	1	2	1	1	2
<b>CO2</b>	3	1	2	1	2	1	2	2	2	1	2
<b>CO3</b>	2	1	2	1	1	2	1	3	1	2	3
<b>CO4</b>	2	1	1	1	1	1	2	2	2	1	3
<b>CO5</b>	2	2	2	1	1	2	2	1	2	3	2

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<p>Sohrab Ansari Dr. Sohrab Ansari Name &amp; Sign of Program Coordinator</p>	<p>YeBa Agil Sign &amp; Seal of HoD Humanities &amp; Social Science Integral University, Lucknow</p>
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**Integral University, Lucknow**

Effective from Session: 2019-20

<b>Course Code</b>	HE309	<b>Title of the Course</b>	International Economics	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	III <sup>rd</sup>	<b>Semester</b>	VI <sup>th</sup>	5	1	0	6
<b>Pre-Requisite</b>	Intermediate	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	The objectives of the course are to enable the students to learn the fundamental theories of international economics; enable the students to understand the international trade system and its implications for the national economy in modern days.						

**Course Outcomes**

<b>CO1</b>	To understand the introduction and theories of International Trade.
<b>CO2</b>	To know about Trade and Commercial policy.
<b>CO3</b>	To know about the Balance of Payment.
<b>CO4</b>	To understand India's Foreign Trade.
<b>CO5</b>	To know about Economic Integration and International Monetary Institutions.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	<b>Introduction and Theories of International Trade</b>	Meaning and Importance of International Economics; Distinction between Internal and International Trade; Theories of Absolute cost advantage and Comparative Cost; Heckscher-Ohlin model of trade; Leontief Paradox.	18	CO1
2	<b>Trade and Commercial Policy</b>	Terms of Trade; Various concepts of terms of trade; Factors Affecting and Deterioration in Terms of trade; Gains from Trade; Free Trade v/s Protectionist Policy-Relative Merits and Demerits; Tariffs and Quotas – meaning, types, effects. Concept of the optimum tariff; Offer curves.	18	CO2
3	<b>Balance of Payment</b>	Concepts and components of the balance of trade and balance of payments-Consequences of disequilibrium and various measures to correct the deficit in the balance of payments; Devaluation-Merits and Demerits.	18	CO3
4	<b>India's Foreign Trade</b>	Recent changes in the composition and direction of foreign trade; Causes and effects of persistent deficit in the balance of payments; Foreign Capital- Role and sources of foreign capital, FDI; Multinational Corporations (MNC's)-Role of multinational corporations in India.	18	CO4
5	<b>Economic Integration and International Monetary Institutions</b>	Meaning of Economic integration; European Union -objectives and working, Euro currency; SAARC. Origin, objectives, functions, and achievements of WTO, International Monetary Fund (IMF), World Bank (IBRD), Asian Development Bank (ADB), BRICS.	18	CO5

**Reference Books:**

- Elsevier Science B.V., (1997), Handbook of International Economics, Vol. 3, Amsterdam.
- Ethier W., (1997), Modern International Economics, 3rd edition. W.W. Norton & Co.
- Charles Van Marrewijk (2007), International Economics: Theory, Application, and Policy, OUP.
- Mithani D.M (2003), International Economics, Himalaya Publishing House, Mumbai

**e-Learning Source:**

<http://www.ignouhelp.in/ignou-study-material/>

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	1	3	1	1	3	2	3	2	3	1
CO2	3	2	3	1	1	3	1	3	2	3	2
CO3	3	1	3	1	2	3	1	3	1	2	1
CO4	3	1	3	1	1	2	1	3	2	3	2
CO5	3	2	2	1	1	3	1	3	1	3	1

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<p>Sohrab Ansari Dr. Sohrab Ansari Name &amp; Sign of Program Coordinator</p>	<p>Zeba Agha Head Sign &amp; Seal of HoD Humanities &amp; Social Science Integral University, Lucknow</p>
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Integral University, Lucknow

Effective from Session: 2019-20

Course Code	HE310	Title of the Course	Indian Economic Development Since 1947-II	L	T	P	C
Year	III <sup>rd</sup>	Semester	VI <sup>th</sup>	5	1	0	6
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence.						

Course Outcomes

CO1	Know the concept and nature of five year planning in Economics.
CO2	Be acquainted with various concepts of macroeconomic policies and their impact.
CO3	To develop a sense among students regarding policies and performance in agriculture.
CO4	To develop awareness regarding policies and performance in industry.
CO5	To get deep understanding regarding Contemporary Issues related to Governance and services.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Five Year Planning	This course examines sector-specific policies and their impact in shaping trends in key economic indicators in India. It highlights major policy debates and evaluates the Indian empirical evidence.	18	CO1
2	Macroeconomic Policies and Their Impact	Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.	18	CO2
3	Policies and Performance in Agriculture	Growth; productivity; agrarian structure and technology; capital formation; trade; pricing and procurement.	18	CO3
4	Policies and Performance in Industry	Growth; productivity; diversification; small scale industries; public sector; competition policy; foreign investment.	18	CO4
5	Services	Trends and performance in services; growth and productivity; structure of service Sectors, latest trends in service sector	18	CO5

Reference Books:

- Shankar Acharya, 2010, "Macroeconomic Performance and Policies 2000-8", in Shankar Acharya and Rakesh Mohan, editors, India's Economy: Performances and Challenges: Development and Participation, OUP.
- Rakesh Mohan, 2010, "India's Financial Sector and Monetary Policy Reforms", in Shankar Acharya and Rakesh Mohan, editors, India's Economy: Performances and Challenges: Development and Participation, OUP.
- Pulapre Balakrishnan, Ramesh Golait and Pankaj Kumar, 2008, "Agricultural Growth in India Since 1991", RBI DEAP Study no. 27.
- B.N. Goldar and S.C. Aggarwal, 2005, "Trade Liberalisation and Price-Cost Margin in Indian Industries", The Developing Economics, September.

e-Learning Source:

[https://onlinecourses.nptel.ac.in/noc21\\_hs51/preview](https://onlinecourses.nptel.ac.in/noc21_hs51/preview)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	1	1	1	2	2	1	2	1	3	2
CO2	3	1	2	1	2	1	2	2	1	3	2
CO3	2	1	2	1	1	2	1	2	1	3	2
CO4	2	1	1	1	1	1	2	2	1	3	2
CO5	2	2	2	1	1	2	2	2	1	3	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

<p>Sohrab Ansari Dr. Sohrab Ansari Name &amp; Sign of Program Coordinator</p>	<p><i>Yeba Agni</i> Head Humanities &amp; Social Science Integral University, Lucknow</p>
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Integral University, Lucknow

Effective from Session: 2019-20							
Course Code	HE311	Title of the Course	Practice of Development Planning	L	T	P	C
Year	III <sup>rd</sup>	Semester	VI <sup>th</sup>	5	1	0	6
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	Students will understand the Service Sector, State and District Planning, Policy Issues and Perspectives of Indian Planning, Planning and Finance, Planning in Selected Countries.						

Course Outcomes

CO1	Know the concept and nature of Service sector.
CO2	Be acquainted with various concepts of state and district planning.
CO3	To develop a sense among students regarding policy issues and perspectives of Indian planning.
CO4	To develop awareness regarding planning and finance.
CO5	To get deep understanding regarding planning in selected countries.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Service Sector	Trends and Performance in Services , Planning for Human Resource Development, Education and Manpower Planning – Techniques and Problems, Planning for Health Sector	18	CO1
2	State and District Planning	State and District Planning with special reference to UP. Plan formulation and allocation of financial resources. Resource Mobilisation. Role of PRIs in Planning and Role of NGOs, Inter-Regional and Inter - District Disparities.	18	CO2
3	Policy Issues and Perspectives of Indian Planning	Objectives, Strategy, Mahalanobis and other Plan Models Evaluation of the Plans- Sectoral Outlays, Targets and Achievements, Problem of Regional Disparities	18	CO3
4	Planning and Finance	Pattern of Finance, Resources and its allocation at Central, State and District Level. Resources for Private and Public Sector	18	CO4
5	Planning in Selected Countries	Study of Planning Experiences of France, China and other developing countries.	18	CO5

Reference Books:

- Abhijit Banerjee, Roland Benabou and Dilip Mookerjee, Understanding Poverty, Oxford University Press, 2006.
- Kaushik Basu, 2012, editor, The New Oxford Companion to Economics in India, Oxford University Press.
- Amartya Sen, Development as Freedom, Oxford University Press, 2000.
- Daron Acemoglu and James Robinson. Economic Origins of Dictatorship and Democracy, Cambridge University Press, 2006.

e-Learning Source:

[https://onlinecourses.swayam2.ac.in/cec20\\_ar01/preview](https://onlinecourses.swayam2.ac.in/cec20_ar01/preview)

PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	1	1	1	2	2	1	2	1	2	2
CO2	3	1	2	1	2	1	2	2	1	2	2
CO3	2	1	2	1	1	2	1	2	1	2	2
CO4	2	1	1	1	1	1	2	2	1	2	2
CO5	2	2	2	1	1	2	2	2	1	2	2

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

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Name & Sign of Program Coordinator

Zeba Agha

Sign & Seal of HoD

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Effective from Session: 2019-20

<b>Course Code</b>	HE312	<b>Title of the Course</b>	Financial Economics	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	III <sup>rd</sup>	<b>Semester</b>	VI <sup>th</sup>	5	1	0	6
<b>Pre-Requisite</b>	Intermediate	<b>Co-requisite</b>	None				
<b>Course Objectives</b>	This course introduces students to the economics of finance. Some of the basic models used to benchmark valuation of assets and derivatives are studied in detail; the Binomial Option Pricing models. The course ends with a brief introduction to corporate finance.						

**Course Outcomes**

<b>CO1</b>	Students will be able to understand Investment and Portfolio Analysis
<b>CO2</b>	Students will be able to understand Investment and Portfolio Analysis
<b>CO3</b>	Students will be able to understand Investment and Portfolio Analysis
<b>CO4</b>	Students will be able to understand Option and Derivatives
<b>CO5</b>	Students will be able to understand Corporate Finance

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Investment Theory And Portfolio Analysis (A) Deterministic Cash-Flow Streams	Basic theory of interest; discounting and present value; internal rate of return; evaluation criteria; fixed-income securities; bond prices and yields; interest rate sensitivity and duration; immunisation; the term structure of interest rates; yield curves; spot rates and forward rates.	18	CO1
2	Investment Theory and Portfolio Analysis (B) Single-Period Random Cash Flows	Random asset returns; portfolios of assets; portfolio mean and variance; feasible combinations of mean and variance; mean-variance portfolio analysis: the Markowitz model and the two-fund theorem; risk-free assets and the one-fund theorem.	18	CO2
3	Investment Theory and Portfolio Analysis (C) CAPM	The capital market line; the capital asset pricing model; the beta of an asset and of a portfolio; security market line; use of the CAPM model in investment analysis and as a pricing formula	18	CO3
4	Options and Derivatives	Introduction to derivatives and options; forward and futures contracts; options; other derivatives; forward and future prices; stock index futures; interest rate futures; the use of futures for hedging; duration-based hedging strategies; option markets; call and put options; factors affecting option prices; put-call parity; option trading strategies: spreads; straddles; strips and straps; strangles; the principle of arbitrage; discrete processes and the binomial tree model; riskneutral valuation.	18	CO4
5	Corporate Finance	Patterns of corporate financing: common stock; debt; preferences; convertibles; Capital structure and the cost of capital; corporate debt and dividend policy; the Modigliani-Miller theorem.	18	CO5

**Reference Books:**

- David G. Luenberger, Investment Science, Oxford University Press, USA, 1997.
- Hull, John C., Options, Futures and Other Derivatives, Pearson Education, 6th edition, 2005.
- Thomas E. Copeland, J. Fred Weston and Kuldeep Shastri, Financial Theory and Corporate Policy, Prentice Hall, 4th edition, 2003.
- Stephen A. Ross, Randolph W. Westerfield and Bradford D. Jordan, Fundamentals of Corporate Finance. Mc Graw - Hill, 7th edition, 2005.

**e-Learning Source:**

<https://ocw.mit.edu/courses/15-401-finance-theory-i-fall-2008/>

PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4
CO1	3	2	3	2	2	1	2	2	2	2	2
CO2	3	2	3	2	2	1	2	2	2	2	1
CO3	3	2	3	2	2	1	2	2	2	2	1
CO4	3	2	3	2	2	1	2	2	2	2	1
CO5	2	2	3	2	2	1	2	2	2	2	1

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