Integral University, Lucknow

Effective from Session: 2020-21						L	T	P	C
Course Code	HE508	Title of the Course	PUBLIC FINANCE-II			3	1		4
Year	IInd	Semester	IVth						
Pre-Requisite	Graduation	Co-requisite	None						
Course Objectives	The objective of the course is to provide the students with a thorough knowledge and understanding of the economic functions of government in an economy.								

Course Outcomes	
CO1	To know about the modern public choice theory and fiscal decision making process.
CO2	To understand the budgetary process and classification of budgets.
CO3	To know about fiscal policy and different budget adjustment with investment.
CO4	To know about Fiscal Decentralization and Financial Administration.
CO5	To understand different types of budgeting systems.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Modern Theories	Modern Public Choice Theory and the Fiscal Decision process. Simple and Complex model of Majority Voting. Redistribution via the Fiscal Process, Stable growth as a Fiscal Objective, redefine Role of Government, fiscal Decision Making Process.	12	CO1
2	Budget	The Budget Cycle and the Budgetary Process. Classification of Budgets and Budgeting Practices, Integration with National Accounts, Implementation, Authorization, Accountability and Audit, expenditure Structure and Policy Principle, Methods and Techniques of Expenditure Evaluation.	12	CO2
3	Fiscal Policy	Fiscal Policy, Meaning, Objectives, Short and Long Perspectives, Different Budget Adjustment with Investment, Fixed and Variable and in Closed and Open. Economic Growth and Fiscal Policy, recent and Contemporary Theoretical Foundations and Analytics.	12	CO3
4	Other Issues	Fiscal Decentralization, Finances of Local Governments, Financial Administration of Local Governments : Budget, Accounts and Audit.	12	CO4
5	Planning	Planning Programming Budgeting System, Zero-Base Budgeting System, Applicability to Less Developed Countries, Deficits and Deficit Financing, Recent Issues.	12	CO5

Reference Books:

Backhaus, J. G. & Wagner, R. E. (2004): Handbook of Public Finance, Springer, US.

Dalton, H. (1922): Principles of Public Finance, Allied Publishers, Reprinted by Routledge (2009).

Gupta, J. R. (2011): Public Economics in India: Theory and Practice, Atlantic Publishers.

Choudhary, R. K. (2014): Public Finance and Fiscal Policy, Kalyani Publishers, New Delhi

e-Learning Source:

https://swayam.gov.in/

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

PO-PSO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	1	2	2	3	2	2	2	2	2	2	1	2	3
CO2	2	2	2	2	2	2	2	3	3	3	2	1	1	2	1	2
CO3	2	3	1	2	3	1	2	2	2	2	2	2	2	1	2	2
CO4	2	3	2	2	3	2	3	3	2	3	3	1	2	1	2	2
CO5	3	2	1	1	2	1	2	3	2	2	2	2	1	2	1	2

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

Dr. Rashmi Shukla
Rashmi Shukla
Name & Sign of Program Coordinator

Zeba Aqul
Head
Humanities & Social Science
Integral University
Sign & Seal of HoD

Integral University, Lucknow

Effective from Session: 2020-21					L	T	P	C
Course Code	HE509	Title of the Course	Theories of Economic Growth		3	1	0	4
Year	IInd	Semester	IVth					
Pre-Requisite	Graduation	Co-requisite	None					
Course Objectives		To introduce students to the theories and empirics of economic growth. Upon completion of this course, students should be able to discuss the important models, theories, and implications of the alternative approaches to growth.						

Course Outcomes

CO1	Familiarity with the theoretical and empirical analysis of the economic growth process and policy implications.
CO2	Understanding of modern theories of economic growth.
CO3	Getting a thorough familiarity with the Cambridge theories of growth.
CO4	Understanding of the various aspects of technological progress and economic growth.
CO5	Familiarity with the optimal and endogenous growth theory.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Economic Growth Theories	Economic growth- Meaning, Characteristics, Measurement and Factors of Economic Growth, Balanced and Unbalanced Economic Growth, Marx's Stages of Growth, Rostow's Stages of Economic Growth Factors affecting Economic Growth: capital, labor, and technology; Historical Perspective of Economic Growth and its relevance; Structural Diversity and common characteristics of developing nations.	12	CO1
2	Modern Theories of Economic Growth	Conceptual framework and methodology of modern growth theories; Harrod-Domar Growth model contemporary growth theories of neo-classical, Solow, Meade, and Swan-Uzawa.	12	CO2
3	Cambridge Theories of growth	Cambridge theories of growth; Joan Robinson, Kaldor, Pasinetti, the capital controversy, money, and economic growth-Tobin, and Johnson's models.	12	CO3
4	Technological Progress and Economic Growth	Technological Progress embodied and disembodied; Neutral and Non-Neutral (Hicks and Harrod); Arrow's learning-by-doing approach to economic growth, total factor productivity, and growth accounting.	12	CO4
5	Optimal and Endogenous Growth Theory	Optimal growth theory: Ramsay, Von Neumann, Golden Rule of Accumulation; Endogenous growth models—AK model and Romer model; Explanations of cross country differentials in economic growth.	12	CO5

Reference Books:

Ghatak, S. (1986), an Introduction to Development Economics, Allen and Unwin, London.

Gillis, M., D.H. Perkins, M. Romer and D.R. Snodgrass (1992), Economics of Development, (3rd Edition), W.W. Norton, New York.

Kindleberger, C.P. (1977), Economic Development, (3rd Edition), McGraw Hill, New York.

Meier, G.M. and J.E. Rauch (2005), Leading Issues in Economic Development, (8th Edition), Oxford University Press, New Delhi.

Sen, A.K. (Ed.) (1990), Growth Economics, Penguin, Harmonds worth.

Todaro, M.P. and S.C. Smith (2003), (8th Edition), Economic Development, Pearson Education, Delhi.

Thirlwal, A.P. (1999), (6th Edition), Growth and Development, Macmillan, U.K.

e-Learning Source:

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

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

PO-PSO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	1	2	2	1	1	2	1	1	2	2	2	1	2
CO2	3	1	2	2	2	1	1	3	1	2	2	1	2	1	2	1
CO3	3	2	1	2	2	2	2	2	2	1	2	2	1	1	2	1
CO4	2	1	2	3	1	1	2	3	2	2	2	1	1	2	1	2
CO5	2	1	2	2	2	1	2	1	1	1	2	2	2	1	1	1

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

Dr. Rashmi Shukla

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Effective from Session: 2020-21								
Course Code	MT537	Title of the Course	Quantitative Methods for Economics		L	T	P	C
Year	IInd	Semester	IVth		3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None					
Course Objectives		The objective of this paper is to develop a mathematical approach to the analysis of economic problems. It mainly focuses on those mathematical techniques which are directly useful in economic analysis.						

Course Outcomes

CO1	The student will be able to understand the concept of differential equations.
CO2	Illustrate matrix operation and use the cofactor method to find the inverse of a matrix and use Cramer's rule to solve systems of equations.
CO3	The student will be able to understand the problems of Linear Programming.
CO4	The student will be able to understand the Input-Output analysis.
CO5	The student will be able to understand the concept of game theory.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Differential Equations	Differential Equations: Definitions and Concepts, First-order Linear Differential Equations, Exact Differential Equations, Integrating Factors, Separations of variables, Second-order Differential Equations, Economic Applications.	12	CO1
2	Difference Equations and Matrices	Difference Equations: Definitions and Concepts; First-order and Second-order, Linear Difference Equations, Stability conditions, Economic Applications. Matrices: Definition, different types of matrices, elementary operations, Solution of a system of linear equations by Cramer's rule.	12	CO2
3	Linear Programming Problems (LPP)	Linear Programming Problems (LPP): Definition and formulations, Graphic Approach, Simplex method, Big M method, Primal-Dual formulation, and its economic interpretation.	12	CO3
4	Input-Output Analysis	Input-Output Analysis & Decision theory: Leontief's static open input-output model, Decision theory, Decision-making environments: Certainty, Uncertainty & Risk, Decision tree.	12	CO4
5	Game Theory	Game Theory: Concepts of Game, representation, pure strategy, and mixed strategy. Two-person Zero-sum game, Constant & Non-constant sum game. Prisoner's Dilemma, Dominance, Nash Equilibrium, Value of a Game, Saddle Point Solution, Simple Applications.	12	CO5

Reference Books:

Allen, R.G.D (2006): Mathematical Analysis For Economists, Macmillan And Company Limited.

C. Chiang and K. Wainwright (2005): Fundamental Methods of Mathematical Economics, McGraw Hill International Edition.

T. Yamane (2012): Mathematics for Economists, Prentice-Hall of India.

K. Sydsaeter and P. J. Hammond (2002): Mathematics for Economic Analysis, Pearson Educational Asia.

Mehta and Madnani: Mathematics for Economists, New Delhi: Sultan Chand Company.

Dixit, A.K. (1990), Optimization in Economic Theory, 2nd Edition, Oxford University Press, London.

e-Learning Source:

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

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

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	2	2	1	1	1	2	2	1	2	1	2	1	2
CO2	2	1	2	2	2	1	1	2	2	2	2	1	2	1	1	1
CO3	2	2	1	2	1	2	2	2	2	1	2	2	1	2	2	1
CO4	2	2	2	3	1	1	1	3	2	2	1	1	2	2	1	2
CO5	2	1	2	2	2	2	2	1	1	1	2	2	2	1	1	1

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

Dr. Rashmi Shukla

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Effective from Session: 2020-21

Course Code	BM550	Title of the Course	Industrial Economics		L	T	P	C
Year	IInd	Semester	IVth					
Pre-Requisite	Graduation	Co-requisite	None		3	1	0	4

Course Objectives	To familiarize and acquaint the student with the current theory and empirical work in Industrial economics. It starts by examining the internal structure of firms. It then moves on to the analysis of various aspects of strategic interaction between firms and the determinants of industrial structure.

Course Outcomes

CO1	To give the knowledge about the basics of Industrial Economics. A brief review of the most important basic industries of India and the concept of localization for a better understanding of the critical positioning of industries.
CO2	To provide the historical base of the industrialization in India pre as well as post-independent India.
CO3	To assess the industrial finance system in India. Also, to touch on the enclosing topics of labor participation and public sectorundertakings in the Indian context
CO4	To give a better understanding of the industrial legislation and labor welfare measures adopted in India.
CO5	To make an assessment of the FDI system in India as well as a measurement of the industrial performance.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Industrial Economics	Development of Industries & its importance. Appraisal of important Indian industries: Iron & Steel, Engineering, Sugar, Paper, Cotton & Synthetic Textile, Jute, Cement, and Petrochemicals. Localization of Indian industries & Principle of Localization.	12	CO1
2	Development of Industries in India	Pre-Independence Development of Industries, Industrial Development of Five-Year Plans, Industrial Policy in India & its effects. Public Sector undertakings and New Challenges before PSUs.	12	CO2
3	Industrial Financein India	Main Sources of Industrial Finance Necessity & Significance of Industrial Finance Specialized Institution of Industrial Finance. Labour Participation in Management Small Scale Industries New Challenges before SSIs.	12	CO3
4	Industrial Legislation in India	Legislation in India: Industrial Development & Regulation, the problem of industrial labor & labor welfare measures.	12	CO4
5	Role of Foreign Capital in Industrial Development (FDI) in Indian Industries	Role of Foreign Capital in Industrial Development (FDI) in Indian industries, Portfolio Investment in Industries. Measurement of Industrial Performance: Herfindahl-Hirschman Index.	12	CO5

Reference Books:

G. Rosen – Industrial Change in India, Publisher: Riverdale Co Pub (1 June 1988), ISBN-13: 978-0913215203

S.C. Kuchchdail – Industrial Economy of India, 1965, Edition: [5th ed.], Publisher: Chaitanya Pub. House, Allahabad

M.Mehta – Structure of Indian Industries, Journal of the American Statistical Association, Vol. 51, No. 276 (Dec. 1956), pp. 690-693 (4 pages), Published by: Taylor & Francis, Ltd. on behalf of the American Statistical Association

V.V. Giri – Labour Problem in Indian Industries, Asia Publishing House; 3rd Revised edition (21 June 1973), ISBN-13: 978-0210336922

e-Learning Source:

https://onlinecourses.swayam2.ac.in/nce19_sc18/preview

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

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	2	3	2	2	3	3	3	2	2	2	2	3	2	3
CO2	3	1	2	2	2	2	3	3	3	3	2	2	1	3	1	2
CO3	3	2	1	3	3	1	2	2	2	2	2	2	2	3	2	3
CO4	3	2	2	3	3	2	3	3	2	3	3	2	2	3	2	3
CO5	2	1	1	2	2	1	2	3	2	2	2	2	1	2	1	2

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

Dr. Firoz Husain
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Effective from Session: 2020-21

Course Code	HE510	Title of the Course	Rural Economics	L	T	P	C
Year	IInd	Semester	IVth	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives		To provide an elaborative understanding related to issues in rural economics and also to familiarize students with policy issues that is relevant to rural economics.					

	Course Outcomes
CO1	Know the basic concept of rural economics.
CO2	Understand the importance of Institutions in rural areas
CO3	Know the problems and measurement of Poverty and employment in rural areas.
CO4	Critically review various Infrastructural policies of rural development.
CO5	Create the knowledge of contemporary issues that can be helpful in overall socioeconomic development.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Concept and Connotations of Rural Development	Basic Elements and Objectives of Rural Development, Approaches to Rural Development in India- Gandhian Approach, Rural development through Green Revolution , Rural prosperity through direct attack on Poverty, Rural Development through Financial Inclusion, PURA model.	12	CO1
2	Institutional Development for Agricultural Growth	Asset distribution of rural households in India over time, Indebtedness of rural households, non institutional and institutional sources of credit, role of co-operatives, Schedule Commercial Banks, Regional Rural Banks and NABARD, Schemes of Financial Inclusion, Agricultural insurance.	12	CO2
3	Labour and work force in rural farm and non-farm sectors	Concept and measurement of rural employment, Agricultural labour, Problem and policy, Rural Poverty: Causes and Consequences , Estimates of Poverty, Multi Dimensional Poverty Index, Incidence of Poverty, Inter State Comparison , Factors Responsible for Poverty.	12	CO3
4	Infrastructural Development for Rural Development	Irrigation development, Land Reforms, Farm Technology, Special Problems of Small and Marginal Farmers, Priorities and Policies for Agricultural Development ,Cottage and Village Industries, Importance, Problems and Promotion of these Industries.	12	CO4
5	Contemporary Issues:	Rural-Urban Migration, Rurbanization, Dynamics of Rural development and other contemporary issues.	12	CO5

Reference Books:

Bilgrami S. A.R. An Introduction to Agricultural Economics, Himalaya Publishing House, Mumbai.

Dandekar V.M The Indian Economy 1947-92 Vol 1: Agriculture, Sage Publishing House

Lekhi R.K., and Joginder Singh, Agricultural Economics, Kalyani Publishers

Schultz T.W. Economic Growth and Agriculture, McGraw Hill

Surinder S. Jodhka, A Handbook of Rural

e-Learning Source:

https://egyankosh.ac.in/handle/123456789/30836

Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO / CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	3	1	1	1	2	3	2	2	2	2	2	2	2	2
CO2	2	1	3	1	1	1	2	3	2	2	2	2	2	2	2	2
CO3	2	1	3	1	1	1	2	3	2	2	2	2	2	2	2	2
CO4	2	1	3	1	1	1	2	3	3	2	2	2	2	2	2	2
CO5	2	1	3	1	1	1	2	3	3	2	2	2	2	2	2	2

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

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Effective from Session:	2020-21						
Course Code	HE511	Title of the Course	Financial Markets	L	T	P	C
Year	IInd	Semester	IVth	3	1	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	The objective of the course is to familiarize the students with Financial Markets.						

Course Outcomes

CO1	Understand the role and working of money market in India.
CO2	Understand the role and working of Securities market in India.
CO3	Know the valuation of Securities.
CO4	?understand the role and structure of International Financial market
CO5	Evaluate the financial and currency crisis.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Money Market	Treasury Bill Market, Commercial Bill market including commercial Paper and certificates of deposits. Interbank call money market, mutual funds, discount market etc.	12	CO1
2	Securities Market	Capital market: primary and secondary market bonds market, Futures options and other derivatives, pricing of derivatives, Government Securities market Commodity market, Infrastructure financing.	12	CO2
3	Valuation of Securities	Present value, Future value, Annuities, Perpetuities Risk and financial assets. Types of risk, Risk return trade off. Systematic and Unsystematic risk, Portfolio theory, Bond Pricing theory. Capital asset pricing model.	12	CO3
4	International Financial Markets	Foreign exchange market: Nature organization and participants, Exchange rate determination. REER and NEER, Devaluation and depreciation, Fixed and floating exchange rate system, Working of Floating exchange rate system since 1973 currency convertibility the Indian experience. Risk hedging and futures in exchange rates.	12	CO4
5	Financial and Currency crisis	East Asian Crisis Global meltdown 2008, capital flows and challenges there in and other contemporary issues.	12	CO5

Reference Books:

Avadhani, V.A. (2012): Financial Services and Markets, Himalaya Publishing House, India

Bhole, L. M. (2015): Indian Financial System, Chugh Publications, Allahabad, India

Bhole, L. M. (2016): Financial Institutions and Markets, Tata McGraw Hill Company Ltd.

Gordon and Natarajan (2012): Financial markets and services, Himalaya Publishing House,

Gupta, Shashi K. & Agrawal, Nisha (2013): Financial services, Kalyani Publishers, India

Houthakker, H. S. & Williamson, P. J. (1996): Economics of Financial Markets, Oxford University Press

Khan, M. Y. (2016): Indian Financial System, Tata McGraw Hill, New York

e-Learning Source:

https://egyankosh.ac.in/handle/123456789/30836

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

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	2	1	3	1	1	1	2	3	2	2	2	2	2	2	2	2
CO2	2	1	3	1	1	1	2	3	2	2	2	2	2	2	2	2
CO3	2	1	3	1	1	1	2	3	2	2	2	2	2	2	2	2
CO4	2	1	3	1	1	1	2	3	3	2	2	2	2	2	2	2
CO5	2	1	3	1	1	1	2	3	3	2	2	2	2	2	2	2

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

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Effective from Session: 2020-21						L	T	P	C
Course Code	HE512	Title of the Course	Economics of Infrastructure			3	1	0	4
Year	IInd	Semester	IVth						
Pre-Requisite	Graduation	Co-requisite	None						
Course Objectives		The emphasis of this paper is on concepts and the introduction of various tools required for policy analysis and empirical research in infrastructural economics. In particular, the paper aims to deepen students 'understanding of how economic theory can be theoretically and empirically applied to policy problems in the infrastructure sector. This paper would also help the students to understand the strength of infrastructure- physical and social in the process of economic development.							

Course Outcomes	
CO1	The course aims to acquaint and familiarize students with the economics of infrastructure.
CO2	Students will be able to understand the problem of Peak Loading Pricing.
CO3	The prime objective of the course is to expose the students to the issues and concerns of various social sectors in India.
CO4	Students will be able to understand the role of the Energy Sector.
CO5	Students will be able to understand the characteristics and problems of Renewable and Non-Conventional Energy consumption.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction	Introduction Infrastructure and economic development; Infrastructure as a public good; Economic characteristics and types - Social and physical infrastructure; Public utilities – Rationale of state provision, Public-private partnership investment in infrastructure	12	CO1
2	Peak and off Loading Pricing	The peak-load-Off-peak load Problem, Marginal Cost Pricing vs. other methods of pricing in public utilities; Dual Principle controversy.	12	CO2
3	Transport and communication Sector	Transport and communication, The structure of Transport Costs, and the Location of Economic Activities. Models of Freight and Passenger Demand. The supply of transport, Pricing policy; Cost Levels, and Structure-Road Transport. Introduction to the setting of postal tariffs; Criteria for Fixation of Postal Tariffs, Cost and Pricing in the telecommunications Industry; Telecommunications in India; New Telecom Policy.	12	CO3
4	Energy Sector	Energy and Electricity Primacy of Energy in the Process of Economic Development. Factors Determining Demand for Energy; Energy Conservation.	12	CO4
5	Renewable and Non-Conventional Energy	Renewable and Non-conventional Sources of Energy, rural electrification in India- Problems & prospects. The Relative Economics of Thermal, Hydel and Nuclear Power Plants. The Case for a National Power Grid. Electricity Policy- Main Features, oil & gas- Recent Initiatives, Pricing Problem.	12	CO5

Reference Books:

Crew, M.A. and P.R. Kleindorfer (1979), Public Utility Economics, Macmillan, London.

Indian Council of Social Sciences Research (ICSSR) (1976), Economics of Infrastructure, Vol. VI, New Delhi

National Council of Applied Economic Research (NCAER) (1996), India Infrastructure Report: Policy Implications for Growth and Welfare, NCAER, New Delhi.

Parikh, K.S. (Ed.) (1997), India Development Report 1997, Oxford University Press, New Delhi.

Parikh, K.S. (Ed.) (1999), India Development Report-1999-2000, Oxford University Press, New Delhi.

Turvey, R. (Ed.) (1968), Public Enterprises, Penguin, Harmonds worth.

e-Learning Source:

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

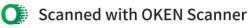| Course Articulation Matrix: (Mapping of COs with POs and PSOs)																
PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	2	1	1	1	2	1	2	2	1	2	1	2	2	1	1
CO2	3	1	2	2	2	1	1	3	1	2	2	1	2	1	2	1
CO3	2	2	1	2	2	2	2	2	2	1	2	2	1	2	2	1
CO4	2	1	2	2	1	1	2	3	2	2	3	1	1	2	1	2
CO5	2	1	2	2	2	2	2	1	2	1	2	2	2	1	2	1

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

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Effective from Session: 2020-21					L	T	P	C
Course Code	HE513	Title of the Course	Issues in the Indian Economy		3	1	0	4
Year	IInd	Semester	IVth					
Pre-Requisite	Graduation	Co-requisite	None					
Course Objectives		The objective of this paper is to sharpen the knowledge of the student about the policy issues related to the Indian Economy and contemporary issues of the economy.						

Course Outcomes

CO1	Develop ideas of the characteristics of Economic Infrastructure.
CO2	Understand the importance, causes, and impact of social infrastructure and relate them with economic development.
CO3	Students will be able to understand the importance of the foreign sector in India.
CO4	Make the student aware of the reforms in the Indian Economy.
CO5	Students will be able to develop an understanding of contemporary issues in the Indian Economy.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Economic Infrastructure	Pattern and Growth of Infrastructure: Energy, Transport, Communication, etc.	12	CO1
2	Social Infrastructure	Social Sector Development, Human Development, Poverty, Unemployment, Measures of Economic Inequality, Demographic Transformations.	12	CO2
3	Foreign Sector	Globalization, Foreign Direct Investment, Foreign capital, and MNCs in India, WTO and India, International Experiences of growth.	12	CO3
4	Reforms in the Indian Economy	Reforms in Fiscal Policy, Monetary Policy, Trade Policy, and Important recent developments in the Indian Economy.	12	CO4
5	Contemporary Issues	Emerging challenges in the Indian Economy, New Bottlenecks, and new opportunities in the Indian Economy; Social capital, Artificial intelligence, Environment.	12	CO5

Reference Books:

Agarwal A.N and M.K. Indian Economy, New Age Publication.

Banerjee Abhijit, What the Economy Needs Now, Juggernaut Publication.

Census of India, Census Commissioner and Registrar General of India, New Delhi.

Human Development Reports, UNDP.

Kapila Uma, Indian Economy: Performance and Policies, Academic Foundation, Latest edition.

NSS Reports, Ministry of Statistics and Program Implementation, Government of India.

Piketty Thomas, Economics of Inequality, Harvard University Press.

e-Learning Source:

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

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

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	3	1	2	2	2	2	1	2	2	1	1	2	1	2	1	1
CO2	3	1	2	2	1	1	1	3	1	2	1	1	2	1	2	1
CO3	2	2	1	2	2	2	2	2	2	1	2	2	1	1	2	1
CO4	2	1	2	2	1	1	2	2	2	2	2	1	2	2	1	2
CO5	2	1	2	2	2	2	2	1	1	1	2	2	2	1	2	1

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

Dr. Rashmi Shukla
Rashmi Shukla

Name & Sign of Program Coordinator

Zeba Aqil

Head
Sign & Seal of HoD Science
Humanities & Social
Integral University, Lucknow

DISSERTATION AND VIVA-VOCE
Paper Code : HE597

LTPC
0 0 4 2
Max. Marks: 100
E S E: 40
CA: 60

Contact Hours: 4 Contact Hours/ week

Course Objective: The objective of the course is to make the students learn the skills of formulation of research problem, objectives, hypotheses and also the skills of data collection, analysis and interpretation.

General Outlines:

1. Each student should be assigned a supervisor from the faculty members.
2. The topic of Dissertation should be approved by the supervisor taking into account the area of interest of the student. As far as possible the topic should address the current issues / developments in the field of Economics.
3. Standard norms for the preparation of a report may be followed – introduction, brief background, relevance of the topic, literature review, problem statement, objectives, research design, data presentation, analysis, and interpretation, findings and conclusion.
4. The Dissertation outcomes may be reported in the following form as per the norms : Chapter-1: Introduction & Review of Literature; Chapter-2: Research Methodology; Chapter-3: Conceptual & Theoretical Description; Chapter-4: Analysis and Interpretations; Chapter-5: Conclusion, Suggestions & Scope for further research; References, Annexure, etc.
   Note : Chapterisation of Dissertations is subject to change as per the latest guidelines by the competent authority.
5. The Dissertation outcomes should be evaluated both in the form of reports and viva- voce examination by a duly constituted committee by the appropriate authority.

Rashmi Shukla

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