

Programme Outcome

Programme name	Outcome
B.A. Economics (Hons.)	Critical Thinking: - Understand the basic theories and their applications, apply economic analysis to current events, and comprehend and critically evaluate different government policies.
	Ethics - Recognize different value systems, understand the moral dimensions of different economic decisions, and take responsibility for your own decisions.
	Environment and Sustainability - Understand issues regarding the environment-economy interface, resource management, and sustainable development.
	Effective Communication - Communicate effectively in written, oral and graphical form about specific economic issues.
	Effective Citizenship - Demonstrate concern regarding national development and equity, act with an informed awareness of issues, and volunteer in civic life.
	Self-directed and Life-long Learning - Acquire the ability to engage in independent and life-long learning in the broad context of socio-economic changes.

Course Outcome

Sem	Course	Syllabus	Modules	Course Outcome	Reference
I	DSC101	Introductory Microeconomics	Chapter-I: Exploring the Subject Matter of Economics:	1. Introduction to the subject matter of Economics. 2. Familiarization with price determination and market system 3. Understanding about optimization technique	1.Gravelle and Rees: Microeconomics, Pearson
			Chapter-II: Demand and Supply: Elasticity and Market:		2.Koutsoyiannis: Microeconomic Theory, Macmillan
			Chapter-III: Consumer and Households Behaviour:		3. Varian H.R: Intermediate Microeconomics: A Modern Approach, East West Press.
			Chapter-IV: Producer/Firm Behaviour:		4. Pindyck, Rubinfeld and Mehta: Microeconomics, Pearson Education Asia.
			Chapter-V: Total Cost:		5. N. Gregory Mankiw: Economics: Principles and Applications, India edition by South Western
	DSC102	Mathematical Methods for Economics-I	Chapter-I: Theory of Sets:	1. Familiarization with basic mathematical concepts, Methods like sets operation and functions. 2. Understanding about single variable optimization, and matrix algebra. 3. Introduction to Game Theory.	1. Chiang, A. C.: Fundamental Methods of Mathematical Economics, McGraw Hill.
			Chapter-II: Matrices and Determinants:		2. Henderson, J. M. and Quandt, R. D.: Micro Economic Theory – A Mathematical Approach, McGraw Hill.
			Chapter-III: Basic Calculus and Applications in Economics:		3. Allen, R. G. D.: Mathematical Analysis for Economics, Macmillan.
			Chapter-IV: Input-Output Analysis:		4. Mukherjee, B. and Pandit, V.: Mathematical Methods for Economic Analysis, Allied
	II	DSC203	Introductory Macroeconomics	Chapter-I: Introduction to Macroeconomics:	1. Introduction to macroeconomic foundations of Macroeconomics the idea of national income
Chapter-II: National Income Accounting:					
Chapter-III: Money and Inflation:					

			Chapter-IV: The Classical Theory of Employment:	and the fundamental theories regarding how it is determined. 2. An idea about the basic concepts of money market and investment.	2010. 3. R. Dornbusch and S. Fischer, Macroeconomics, McGraw Hill, 4th edition. 4. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005. 5. Tapas Kr. Pal, Macroeconomics-Theory & Policy, Platinum Publisher, Kolkata, 2018.
II	DSC2014	Mathematical Methods for Economics-II	Chapter-I: Differential Equations:	Introduction to functions of several variables.	Chiang, A. C.: Fundamental Methods of Mathematical Economics, McGraw Hill.
			Chapter-II: Difference Equations:	An idea about constrained optimization with equality and inequality constraints, and LPP.	Henderson, J. M. and Quandt, R. D.: Micro Economic Theory – A Mathematical Approach, McGraw Hill.
			Chapter-III: Linear Programming:	Knowledge about difference and differential equations.	Allen, R. G. D.: Mathematical Analysis for Economics, Macmillan.
			Chapter-IV: Theory of Games:	Understanding of economic applications of these quantitative methods	Mukherjee, B. and Pandit, V.: Mathematical Methods for Economic Analysis, Allied
			Chapter-V: Applications in Economics:		
III	DSC305	Intermediate Microeconomics-I	Chapter-I: Perfect Competition:	1. Introduction with the concepts of consumer behavior, production, and cost.	1. Maddala and Miller: Microeconomics-Theory and Applications, McGraw Hill.
			Chapter-II: Imperfect Competition:	2. Learning about market structure in perfect competition and input markets.	2. Perloff Jeffrey, M. 2007, Microeconomics-Theory and Application with Calculus, Addison Wesley.

			Chapter-III: General Equilibrium and Welfare Economics:		3. Varian H.R: Intermediate Microeconomics: A Modern Approach, East West Press (India), 8th edition, 2010, The workbook by Varian and Bergstrom may be used for problems.
					4. Pindyck, Rubinfeld and Mehta: Microeconomics, Pearson Education Asia.
III	DSC306	Intermediate Macroeconomics -I	Chapter-I: Simple Keynesian Model of Income Determination:	Understanding of the income determination process in the economy with the interaction of commodity and money markets, and the concepts of inflation and unemployment.	1.Ackley – Macroeconomic Theory and Policy, 2nd Edition.
			Chapter-II: IS-LM Model:		
			Chapter-III: The Principle of Effective Demand:		2.N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
			Chapter-IV: Concept of Multiplier:		3.R. Dornbusch and S. Fischer, Macroeconomics, McGraw Hill, 4th edition.
			Chapter-V: Open Economy Models:		4. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005.
					5. Tapas Kr. Pal, Macroeconomics-Theory & Policy, Platinum Publisher, Kolkata, 2018.
III	DSC307	Statistical Methods for Economics-I	Chapter-I: Frequency Distribution:	1.Sound knowledge of the Keynesian and Classical theories and develop a comprehensive idea about the money market and banking system.	1.Das, N. G., Statistical Methods, M. Das and Co.

			Chapter-II: Measures of Central Tendency:	Introduction to basic statistical tools for Economics like descriptive statistics.	2.Goon, Gupta and Dasgupta, Fundamentals of Statistics, Vol. I.
			Chapter-III: Measures of Dispersion:		3.Mathai & Rathie, Probability and Statistics.
			Chapter-IV: Correlation and Regression:		4.Jay L. Devore, Probability and Statistics for Engineers, Cengage Learning, 2010.
			Chapter-V: Moments, Skewness and Kurtosis:		
III	SEC-302	Business Project Formulation & Entrepreneurship Development	Chapter-I: Business Project Formulation:	1.Procedure for setting up a business Project and its formulation	1. Naude, W. A. (2010): Entrepreneurship and Economic Development. Basingstoke:Palgrave Macmillan.Palgrave Macmillan.
			Chapter-II: Entrepreneurship:	2.To have an idea about Entrepreneurship and its Entrepreneurial Environment	2. Naude, W. A. (2013): Entrepreneurship and Economic Development: Theory, Evidence and Policy. Macmillan.
			Chapter-III: Small Scale Industries:		3.Asian Productivity Organization (2007): Entrepreneurship Development for Competitive Small and Medium Enterprises. (ISBN: 92-833-7061-9), Tokyo.
			Chapter-IV: Entrepreneurial Environment:		4.Khanka, S. S. (2005): Entrepreneurial Development, S. Chand & Company Ltd.
			Chapter-V: Entrepreneurial Development:		5. Maylor (2005): Project Management; Pearson Education (FT), 3rd edition.
			Chapter-VI: Project Work:		
IV	DSC408	Intermediate Microeconomics-II	Chapter-I: Choice under Uncertainty and Economics of Information:	1.Introduction to the theories of imperfect market structure for both	1.Maddala and Miller: Microeconomics-Theory and Applications, McGraw Hill.

				product market and input market	
			Chapter-II: Factor pricing:	2. An idea about general equilibrium and welfare	2.Perloff Jeffrey, M. 2007, Microeconomics-Theory and Application with Calculus, Addison Wesley.
			Chapter-III: Market Failure:		3. Varian H.R: Intermediate Microeconomics: A Modern Approach, East West Press (India), 8th edition, 2010, The workbook by Varian and Bergstrom may be used for problrms.
			Chapter-IV: Game Theory:		4. Pindyck, Rubinfeld and Mehta: Microeconomics, Pearson Education Asia.
IV	DSC409	Intermediate Macroeconomics -II	Chapter-I: The Consumption Function and Theories:	1.Acquaintance with the macroeconomic foundations, and the basic tenets of classical and New Keynesian theories.	1.Ackley – Macroeconomic Theory and Policy, 2nd Edition.
			Chapter-II: Economic Growth:	2.The idea of the economic growth models	
			Chapter-III: Fiscal and Monetary Policy:		2.N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.
			Chapter-IV: Macroeconomic Policy and Expectations		3.R. Dornbusch and S. Fischer, Macroeconomics, McGraw Hill, 4th edition.
					4. Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005.
					5. Tapas Kr. Pal, Macroeconomics-Theory & Policy, Platinum Publisher, Kolkata, 2018.
					6. Robert J. Gordon, Macroeconomics, Prentice-Hall India Limited, 2011.

IV	DSC410	Statistical Methods for Economics-II	Chapter-I: Introduction and Overview:	1.Introduction to statistical tools for Economics like probability, sampling,and inference.	1. Jay L. Devore, Probability and Statistics for Engineers, Cengage Learning, 2010.
			Chapter-II: Elementary Probability Theory:	2.Acquaintance with econometric models, treatment of such models through linear simple and multiple regression, and statistical inference in regression models.	2. John E. Freund, Mathematical Statistics, Prentice Hall, 1992.
			Chapter-III: Random Variables and Probability Distributions:		3. William G. Cochran, Sampling Techniques, John Wiley, 2007.
			Chapter-IV: Random Sampling and Jointly Distributed Random Variables:		
			Chapter-V: Sampling:		
			Chapter-VI: Point and Interval Estimation:		
IV	SEC-404	Tourism Management	Chapter-I: Definition of Tourism:	1.To learn the economics behind Tourism.	1.Tourism Management - Vol. 4, P.C. Sinha
			Chapter-II: Measurement of Tourism:	2.Acquaintance with the Tourism resources in West Bengal	2.Tourism Systems - Mill and Morisson
			Chapter-III: Cultural Heritage of India:		3. Tourism Development - R. Gartner
			Chapter-IV: Special Interest Tourism:		4.Marketing for Tourism - J. Christopher Holloway & Chris Robinson
			Chapter-V: Tourism Resources in West Bengal:		5. Tourism: Principles and Practices - Cooper C., Fletcher J., Gilbert D and Wanhil. S

V	DSC511	Indian Economy	Chapter-I: Economic Development since Independence:	1. An idea about the performance of the Indian economy since independence concerning economic growth and development, population, and human development.	1. Ahluwalia and Little (ed): India's Economic Reforms and Development, OUP 2. Jean Dreze and AmartyaSen: Economic Development and social opportunity, OUP
			Chapter-II: Major Issues and their impact in Indian Agriculture:	2.Introduction to different kinds of reforms in various sectors that took place under the policy of economic reforms.	2.Jean Dreze and AmartyaSen: Economic Development and social opportunity, OUP
			Chapter-III: Major Issues in Indian industry and their impact:	3.Development of the ability to perform a literature survey and critical evaluation of different economic policy measures undertaken in India	3. Uma Kapila: Indian Economy since independence, Academic Foundation 4. Jalan B, 1992, Indian economy; Problems and prospects (ed), Penguin Books India Pvt. Ltd.
			Chapter-IV: Growth and Distribution:		
			Chapter-V: Economic Reforms in India:		
V	DSC512	Development Economics	Chapter-I: Conceptions of Development:	1.Introduction to the meaning of development and dual economy models.	1. A. P. Thirlwal: Growth and Development, MacMillan Press Ltd., London, 1999.
			Chapter-II: Poverty and Inequality:	2.Conceptualization of poverty and inequality and their measurement.	2. Agarwala and Singh (eds.): The Economics of Underdevelopment, OUP.
			Chapter-III: Theories of Economic Development:	3.An idea about the role of population growth in economic development.	3.Amartya Sen: Development as Freedom, OUP, 2000.
			Chapter-IV: Environment and	4.An idea of alternative	

			Sustainable Development:	development strategies and political institutions	
V	DSE-702:	Economic History of India (1857-1947)	Chapter-I: Introduction:	1. Idea about the impact of British rule on India and different aspects of economic policies in British India.	1. B. R. Tomlison: India and the British Empire 1880-1935, IESHR, Vol. XII., 1975.
			Chapter-II: Agriculture and Common Property Resources:	2	2. Jean Dreze: Famine Prevention in India in Dreze and Sen (eds.) Political
			Chapter-III: Railways and Industry:		3. Tirthankar Roy: The Economic History of India 1857-1947, Oxford University.
			Chapter-IV: Economy and State in the Imperial Context:		4. Lakshmi Subramanian: "History of India 1707-1857", Orient Blackswan, 2010, Chapter 4.
V	DSE-704	Topics in Public Economics	Chapter-I: Principle of Public Finance:	1. An idea about market failure and the role of government.	1. Harvey Rosen: Public Finance, McGraw Hill Publications, 7th edition, 2005.
			Chapter-II: Public Economic Theory:	2. To know the Indian financial system	2. J. Hindriks, G. Myles: Intermediate Public Economics, MIT Press, 2006.
			Chapter-III: Indian Public Finances:	3. Ability to differentiate between private and public good.	3. Joseph E. Stiglitz: Economics of the Public Sector, W.W. Norton & Company, 3rd edition, 2000.
			Chapter-IV: Local Finance:	4. To know the local finance and the problems faced by them, local finance of gram panchayat, panchayatsamiti's, zill parishads, and municipalities	4. R. A. Musgrave and P. B. Musgrave: Public Finance in Theory & Practice, McGraw Hill Publications, 5th edition, 1989.

VI	DSC613	International Economics	Chapter-I: Introduction:	1.Knowledge about international economics.	1.Bhagwati, J. N. (ed.): International Trade: Selected Readings, Cambridge University Press, Mass, 1981.
			Chapter-II: Theories of International Trade:	2.Introduction to the building blocks of trade theory; absolute and comparative advantage, Heckscher-Ohlin-Samuelson model; trade policies and open economy macroeconomics.	2. Kindlberger, C. P.: International Economics, R.D. Irwin, Homewood, 1983.
			Chapter-III: Trade Policy:		3.Krugman, P. R. & M. Obstfeld: International Economics: Theory and Policy, Glenview, foreman, 1994.
			Chapter-IV: International Macroeconomic Policy:		
VI	DSC614	Public Economics	Chapter-I: Meaning and Scope of Public Finance:	to know the meaning and scope of public finance.	R. A. Musgrave and P. B. Musgrave: Public Finance in Theory & Practice, McGraw Hill Publications, 5th edition, 1989..
			Chapter-II: Principles of Taxation:	Acquaintance with public finance and the revenue and expenditure of the Government.	Joseph E. Stiglitz: Economics of the Public Sector, W.W. Norton & Company, 3rd edition, 2000.
			Chapter-III: Public Expenditure and Public Debt:	To have an idea of taxation	Harvey Rosen: Public Finance, McGraw Hill Publications, 7th edition, 2005.
			Chapter-IV: The Public Budget:		H. Rosen, T. Gayer: Public Finance, 9th ed., McGraw-Hill/Irwin, 2009.
VI	DSE-705	Tribal Economics	Chapter-I: Tribal Demography:	Introduction to the concept, feature, and importance of tribal demography	Behera, K. K. (2003): Organization and Management of Tribal Markets, Independent Publishing Company,

					NewDelhi.
			Chapter-II: Education and Health in Tribal Areas:	To study the economic system and economic structure among tribals and also to know about education and health among tribals population	Kalla, A. K. & P. C. Joshi (Ed.): 2004 Tribal Health and Medicines, Concept Publishing Company, New Delhi.
			Chapter-III: Tribal Economy:	To have an idea about tribal problems, policies, and also planning and development	Mohapatro, P. C. (2009): Problems of Tribal Development in Orissa in Sustainable Development of Bonda Hills, P.M. Mohapatra et. All (Ed.), COATS, Koraput, Odisha.
			Chapter-IV: Tribal Problems, Policies, Planning and Development:		Samal, Jagabandhu (1992): Some Aspects of Tribal Economy – A Case Study of Koraput District. Ph. D. dissertation of GIPE, Pune (Mimeo).
					Padhi B.R. and B. Padhi (Ed.): 2010 Tribal Development in India, Section V –Health and Tribal Development, Mangalam Publications, Delhi, 53.
					Mohapatro, P. C. (1987): Economic Development of Tribal India. Ashish Publishing House, New Delhi.
VI	DSE-708	Dissertation/Project		To have an idea about writing a project report from the empirical data either from the primary or secondary data	