

Gurugram University, Gurugram
(Established by the State Legislature Act 17/2017)
Sector-51, Gurugram -122003 (Haryana)



Minutes of the Meeting of the UG Board of Studies in the Department of
Economics of Gurugram University, Gurugram held on 30-05-2025 at 11:00 AM
in the office of the Chairperson, Department of Economics of the University

Minutes of the Meeting of the UG Board of Studies held on 30-05-2025 in the office of the Chairperson, Department of Economics, Gurugram University, Gurugram.

Members Present:

1.	Prof. Neera Verma	Chairperson
2.	Dr. Kiran Lamba, Associate Professor, Dept. of Economics, K.U.K	Outside Expert
3	Dr. Prarthna Aggarwal Goel Assistant Professor, Dept. of Economics, Guru Gobind Singh Indra Prastha University, De	Outside Expert
4	Dr. Sushila, Assistant Professor Govt. College for Girls Sector-14, Gurugram	Member
5	Ms. Abita, Assistant Professor Govt. College, Sidhrawali, Gurugram	Member
6	Dr. Anjana Nagpal, Associate Professor & HOD Dronacharya Govt College, Gurugram	Member
7.	Dr. Ajay Garg, Senior Managing Partner, AGB & Partners, 970, Sector 21 D, Faridabad (Haryana	Industry Person
8	Mr. Satyam Tiwari, Program Manager, Niva Bupa Health Insurance, Gurugram	Alumni

At the outset the Convener of UGBOS extended a hearty welcome to all the members for attending the meeting of the Board of Studies. Thereafter, the agenda items were taken up and after detailed deliberations, the following decisions were taken:

Item No. UGBOS/01

Agenda: To discuss the scheme & syllabi of B.A. Major in Economics Sem.-3 & Sem.-4 to be effective from 2025-26.

Resolution/Decision:

The Board thoroughly reviewed the proposed scheme and syllabi of B.A. Major in Economics and recommended its implementation from the academic session 2025-26 with minor modifications suggested by members. It was resolved that the revised syllabus be forwarded to the Academic Council for approval.

Item No. UGBOS/02

Agenda: To discuss the scheme & syllabi of B.A. Multidisciplinary (Economics) Sem.-3 and Sem.-4 to be effective from 2025-26.

Resolution/Decision:

The Board examined the curriculum of B.A. Multidisciplinary (Economics) and unanimously approved it with the recommendation to ensure alignment with NEP 2020 guidelines. The program is to be implemented from the academic year 2025-26.

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Item No. UGBOS/03

Agenda: To approve panel of examiners for theory and practical for the session 2025-26.

Resolution/Decision:

The Board authorised the Chairperson of the department to recommend the panel of examiners for theory and practical examinations for the session 2025-26. It was further resolved that the panel be submitted to the Controller of Examinations for further action.

Item No. UGBOS/04

Agenda: To consider minor changes in syllabi of Sem-I & Sem-II.

Resolution/Decision:


The Board considered the request of teachers from affiliated colleges to make minor changes in syllabi of the following papers of Sem-I and Sem-II of B.A. (Major) in Economics


1. CCA-3 Sem.-I Mathematics for Economic Analysis-I
2. CCA-6 Sem.-I Statistics for Economic Analysis-I
3. SEC-2 Sem.-II Computer Application in Economic Analysis.

The proposed changes in the above papers were approved by the Board.

The meeting ended with a vote of thanks to the Chair.

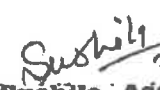

Dr. Kiran Lamba
(Member)


Dr. Ajay Garg
(Member)


Ms. Abita, Assistant Professor,
(Member)


Mr. Satyam Tiwari,
(Member)


Dr. Parthna Aggarwal
(Member)


Dr. Sushila, Assistant Professor
(Member)


Dr. Anjana Nagpal
(Member)


Prof. Neera Verma
(Convener)

B.A. Major in Economics

Revised Scheme & Syllabi Sem.-III and Sem.-IV

(To be effective from the Academic Session 2025-26)



Department of Economics
Gurugram University,
Gurugram

(A State Govt. University Established Under Haryana Act 17 of 2017)

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B.A. Major in Economics

Semester 3

Course e Code	Course Title	Course ID	L	T	P	L	T	P	Credit s	MARKS				
			(Hrs)			Credits				TI	TE	PI	PE	Total
Core Course(s)														
CC-A7	Indian Economic Problems and Prospects-I	240/EC O/CC30 1	3	1	-	3	1	-	4	30	70	-	-	100
CC-A8	Mathemati cs for Economic Analysis-II	240/EC O/CC30 2	3	1	-	3	1	-	4	30	70	-	-	100
CC-A9	Developme nt Economics -I	240/EC O/CC30 3	3	1	-	3	1	-	4	30	70	-	-	100
Minor/ Vocational Course(s)														
MIC-3	Economy of Haryana		3	1	-	3	1	-	4	30	70	-	-	100
Multidisciplinary Courses(s)														
MDC-3	Fundament als of Economics		2	1	-	2	1	-	3	25	50	-	-	75

Ability Enhancement Course(s)														
AEC-3	English Language & Communication-3		2	-	-	2	-	-	2	15	35	-	-	50
Total Credits									21					525

Semester 4

Course Code	Course Title	Course ID	L	T	P	L	T	P	Credits	MARKS				
			(Hrs)			Credits				TI	TE	PI	PE	Total
			Core Course(s)											
CC-A10	Indian Economic Problems and Prospects-II	240/ECO /CC401	3	1	-	3	1	-	4	30	70	-	-	100
CC-A11	Statistics for Economic Analysis-II	240/ECO /CC402	3	1	-	3	1	-	4	30	70	-	-	100
CC-A12	Development	240/ECO /CC403	3	1	-	3	1	-	4	30	70	-	-	100

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	Economics -II													
Minor/ Vocational Course(s)														
MIC/VOC-4	Economic History of India		3	1	-	3	1	-	4	30	70	-	-	100
Ability Enhancement Course(s)														
AEC-4	English Language & Communication -4		2	-	-	2	-	-	2	15	35	-	-	50
Value-added Course(s)														
VAC-3	Sustainable Development		2	-	-	2	-	-	2	15	35	-	-	50
Total Credits									20					500

CC-A7

Part-A Introduction			
Subject	Economics		
Semester	3		
Name of the Course	Indian Economic Problems and Prospects -I		
Course Code			
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC		
Pre-requisite for the course (if any)	N.A.		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Think like an Economist. 2. Have a basic understanding of Indian economy 3. Have Awareness of the current challenges faced by Indian economy 4. Enhance knowledge about the key reforms undertaken from time of time 		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04

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Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hrs
<p align="center">Instructions for Paper Setters</p> <ol style="list-style-type: none"> Nine Questions will be set in all and students will be required to attempt 5 questions. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each). 	
Unit	Topics
I	Introduction to Indian Economy – Basic characteristics of the Indian economy. Economic Planning in India: Features, Objectives and Assessment of Indian Planning. Planning Commission to NITI Aayog. (Plan-wise details to be excluded).
II	Demographic features of India's population. Population and Economic Development. Theory of Demographic Transition. Problem of overpopulation and population control in India. Population Policy in India.
III	Poverty and unemployment in India. Programmes for the eradication of poverty and unemployment with special reference to the post-reform era.
IV	Black Money: causes, effects, measures and suggestions. Inflation: types, causes, effects and measures Inequality of Income and Wealth: meaning, causes and effects, measures.
Suggested Evaluation Methods	
Internal Assessment: 30	End Term Examination: 70 Theory
Part-C Learning Resources	
Recommended Books/E-Resources/LMS: <ul style="list-style-type: none"> Aggarwal, A.N.: Indian Economy, V.K. Publications. Brahmananda, P.R. and Panchmukhi, The Development Process of Indian Economy, Himalaya Publishing House, New Delhi. Latest Edition Deepashree, Indian Economy Performance and Policies Anno Books Pvt. Ltd., New Delhi (Latest Edition) Economic Survey: Government of India. Latest Issue Economic and Political Weekly: Various Issues. Lucas ,E.B., and Papanek, G.F.: The Indian Economy- Recent Developments and Future Prospects, Oxford University Press, New Delhi. Latest Edition Mishra, S.K and Puri V.K, Indian Economy, Himalaya Publishing House, Mumbai, Latest Edition. World Bank, World Development Report (Latest), World Bank, Development Indicator 2010. 	




CC-A8

Part-A Introduction			
Subject	Economics		
Semester	III		
Name of the Course	Mathematics for Economic Analysis-II		
Course Code			
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Understand the basic concepts of integration and the economic application of integration for different functions. 2. understand the relevance of linear programming and its application for various economic activities. 3. Understand the concept of difference equations and their solutions		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100	Time: 3 Hrs		
Internal Assessment Marks: 30			
End Term Exam Marks: 70			
Part-B Contents of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).			
Unit	Topics		
I	Integration- Meaning and rules of Integration, Indefinite and Definitive Integration, Simple Techniques including Integration by Substitution and Integration by Parts.		
II	Economic Application of Integration- Revenue function, Cost function, Demand function, Consumer Surplus, and Producer Surplus in different market structures.		
III	Linear Programming – Relevance and Basic Concept, Objectives, Applications of Linear Programming. Solution of Linear Programming Problems: Problem Formulation, Graphic Method, Simplex Method, and Duality in LPPs.		
IV	Difference Equation- Definition, Order and Degree of Difference Equation, Solution and Types of Difference Equation, Solution of Linear First Order Difference Equation. Particular Solution of the Equation: First Order Non-Homogeneous Difference Equation, Second Order Non-Homogeneous Difference Equation.		

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Suggested Evaluation Methods	
Internal Assessment: 30	End Term Examination: 70 Theory

Part-C Learning Resources
Recommended Books/E-Resources/LMS: <ul style="list-style-type: none"> Chiang, Alpha C. "Fundamental Methods of Mathematical Economics" (McGraw Hill) Dowling, Edward T "Mathematics for Economists" (Schaum's outline Series, Tata McGraw Hill) Allen, R.G.D. (1976), Mathematical Economics, Macmillan, London. Arrow, K.J. and M. Intrilligator (Eds.) (1982), Handbook of Mathematical Economics, Volumes I, II and III, North Holland, Amsterdam. Henderson, J.M. and R.E. Quandt (1980), Microeconomic Theory: A Mathematical Approach, McGraw Hill, New Delhi. Chung, J.W. (1993), Utility and Production: Theory and Applications Basil Blackwell, London. Ferguson, C.E. (1976), Neo-Classical Theory of Production and Distribution.

CC-A9

Part-A Introduction			
Subject	Economics		
Semester	III		
Name of the Course	Development Economics –I		
Course Code			
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: <ol style="list-style-type: none"> 1. Define and distinguish between key concepts of economic growth and development 2. Interpret and compare various indicators of economic development 3. Comprehend various classical theories of economic development 4. Critically assess different approaches of economic development 5. Understand development planning and its aspects and apply this knowledge to analyze contemporary development policies 		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04

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Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70		Time: 3 Hrs
Part-B Contents of the Course		
Instructions for Paper Setters 1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each)		
Unit	Topics	
I	Basic Concepts of Economic Development: Economic Growth and Development, Concept of underdevelopment and basic characteristics; Determinants of Economic Development, Obstacles to Economic Development. Measurement (PQLI and HDI) of economic development: sustainable economic development.	
II	Concept of Stationary State and Classical Theories of Economic Development: Adam Smith, Ricardo, Malthus, and J.S Mill	
III	Approaches to Development: Vicious Circle of Poverty, Leibenstein critical minimum effort theory, Balanced & Unbalanced growth theories.	
IV	Economic Planning and Policy: Development planning: rationale, Strategies and objectives of planning; Requisites of successful planning, Problems of Development Planning, Role of state.	
Part-C Learning Resources		
Recommended Books/E-Resources/LMS <ul style="list-style-type: none"> • Thirlwall, A. P.(2003), "Growth and Development", Seventh edition, Palgrave Macmillan, New York. • Ray, Debraj (2004), "Development Economics", Seventh impression, Oxford University Press, New Delhi. • Meier, Gerald M. and James E. Rauch (2000), "Leading Issues in Economic Development", Oxford University Press, New York. • Ghosh, Arun (1996), "Paradigms of Economic Development", IIAS, Shimla. • Sen, A K (ed.) (1970), "Growth Economics", Penguin Books • Sen, A K (ed.) (1970), "Growth Economics", Penguin • Kindleberger, C.P. (1977), "Economic Development", McGraw Hill, New York. 		

MIC-3

Part-A Introduction	
Subject	Economics
Semester	III
Name of the Course	Economy of Haryana
Course Code	MIC-3

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Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC		MIC	
Course Learning Outcomes (CLO)		1. Understand and analyse growth and development of Haryana Economy since 1966. 2. Describe and critically analyse growth and reforms in Haryana agriculture sector and evaluate various financial and insurance schemes. 3. Analyse industrial growth and performance of public sector undertakings in Haryana.	
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hrs		
Part-B Contents of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each).			
Unit	Topics		
I	Regional Economics: Concept, Scope and framework. Regional economic problems: Different Approaches to Regional Economic Analysis.		
II	Structural Changes in Haryana Economy: Role of Agricultural in Haryana. Growth & Productivity of Agriculture in Haryana. Green Revolution: Role, Performance & its implications. Agricultural diversification: Rationale and its constraints. Agriculture credit & marketing, Soil degradation, Irrigation and water management.		
III	Industry in Haryana- Industrial development: Pattern, performance, constraints & challenges. Small -scale industry: Role, Problems & Future prospects. State's role in industrial development, HSIIDC. Development of transport and banking in Haryana, Regional inequality.		
IV	Public Finances of Haryana- Sources of revenue and heads of expenditure. Problems of resource mobilization in Haryana. State Public sector Undertakings, Off budget liabilities. Infrastructure and Human Development- Education, Health, Housing, State Human development		
Part-C Learning Resources			
Readings:			
• Hoover, F.M. (1984), An Introduction to Regional Economics, UCEB. • Richardson, H.W. (1972) Regional Economics, Weidenfeld and Nicolson, London. • Economic Survey of Haryana (various years) • State Statistical Abstract of Haryana (various years)			

MDC-3

Part-A Introduction			
Subject	Economics		
Semester	III		
Name of Course	Fundamentals of Economics		
Course Code			
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MDC		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Understand the meaning, nature and scope of Economics and why is it studied. 2. Understand the nature of economic problem 3. Understand and apply the concepts of demand and supply in real-world economic situations. 4. Understand the concept of National Income and its flow in the economy 5. Understand and comprehend the Concept of budget in India		
Credit	Theory	Tutorial	Total
	02	01	03
Contact Hours	02	02	03
Max. Marks: 75	Time: 2 Hours		
Internal Assessment Marks: 25			
End Term Exam Marks: 50			
Part-B Contents of the Course			
Instructions for Paper Setters			
1. Seven Questions will be set in all and students will be required to attempt 4 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining three questions, students will attempt 1 out of 2 questions from each of the three units (12 marks each).			
Units	Topics		
I	Definition, Nature and Scope of Economics, Micro and Macro Economics, Economic systems: Capitalism, Socialism and Mixed economic system. The economic Problem: Scarcity and Choice.		
II	Concept of Demand, Law of Demand, Concept of supply, Law of supply. Market Equilibrium. National Income: Concept and measurement, Circular flow of Income: two, three and four sector Model.		
III	Government Budget: Meaning, Components, Need & Objectives, Types of Budget-Balance Budget, Surplus Budget and Deficit Budget, Budget and Budgetary Deficits, Policy highlights of the current Union Budget		
Part-C Learning Resources			
Recommended Books/E-Resources/LMS			
<ul style="list-style-type: none">Lekhi R.K. Macro Economics Part-I, 2016 Kalyani Publication.Shapiro E. (1996), Macroeconomics Analysis, Galgotia Publication, New Delhi.Ahuja, H.L. (2012), Ucchatar Arthik Siddhant, S. Chand & Company, New Delhi.Ahuja, H.L. (2012), Advanced Economic Theory, S. Chand & Company, New Delhi.Musgrave, R & Musgrave, P. B. Public Finance in theory and practice, McGraw-Hill International Ltd.			

- Koutsoyiannis ,A.(1979), *Modern Microeconomics*, (2nd Edition), Macmillan Press, London.
- Mankiw, N.G. (2012), *Principles of Microeconomics*, (6th Edition), South-Western Cengage Learning.
- Salvatore D. (2006), *Microeconomics-Theory and Applications*, Oxford University Press.
- Varian,H. (2003), *Intermediate Microeconomics*, East-West Press.

CCA10

Part-A Introduction			
Subject	Economics		
Semester	4		
Name of the Course	Indian Economy Problem and Prospects-II		
Course Code			
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC		
Course Learning Outcomes (CLO)	After completing this course, the learner will be able to: 1. Understand the significance of agriculture in the Indian economy and identify key problems 2. Evaluate the structure and challenges of industrial development in India 3. Critically assess the role and performance of Public Sector Enterprises (PSEs) in India 4. Evaluate the Indian Tax structure 5. Differentiate between monetary and fiscal policies 6. Examine the rationale behind India's economic reforms		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hrs		
Part-B Contents of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each)			
Unit	Topics		
I	Agriculture: Its importance in Indian Economy. Problem and solution regarding productivity. Green Revolution: features, effects and evaluation. Impact of Green Revolution on Indian Agriculture.		

II	Industry: features, Government steps and problems of Industrial Development in India. Public sector of India: role, measures, evaluation and suggestions for Public Enterprises. Industrial policy-1991 and latest Industrial policy of India.				
III	Indian tax Structure: Features, shortcomings and suggestions for improvement. Monetary and Fiscal Policy- Meaning, Objectives and Instruments. Importance of Monetary and Fiscal Policy in Economic Development.				
IV	Economic Reforms: Needs, main Features of Economic reforms. Features, merits and demerits of Liberalization, Privatization and Globalization. Main components of New Economic Policy.				
Suggested Evaluation Methods					
<table> <tr> <td>Internal Assessment: 30</td><td>End Term Examination:70</td></tr> <tr> <td></td><td>Theory</td></tr> </table>		Internal Assessment: 30	End Term Examination:70		Theory
Internal Assessment: 30	End Term Examination:70				
	Theory				
Part-C Learning Resources					
Recommended Books/E-Resources/LMS: <ul style="list-style-type: none"> • Aggarwal, A.N.: Indian Economy, V.K. Publications. • Brahmananda, P.R. and Panchmukhi, The Development Process of Indian Economy, Himalaya Publishing House, New Delhi. Latest Edition • Deepashree, Indian Economy Performance and Policies Anno Books Pvt. Ltd., New Delhi (Latest Edition) • Economic Survey: Government of India. Latest Issue • Economic and Political Weekly: Various Issues. • Lucas ,E.B., and Papanek, G.F.: The Indian Economy- Recent Developments and Future Prospects, Oxford University Press, New Delhi. Latest Edition • Mishra, S.K and Puri V.K, Indian Economy, Himalaya Publishing House, Mumbai, Latest Edition. • World Bank, World Development Report (Latest), World Bank, Development Indicator 2010. 					

CCA11

Part-A Introduction	
Subject	Economics
Semester	4
Name of the Course	Statistics for Economic Analysis-II
Course Code	
Course Type: (CC/MCC/MDC/CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	CC

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Course Learning Outcomes (CLO)	1. Demonstrate knowledge of basic statistic techniques such as Correlation, Concurrent Deviation and Coefficient of Determination, Regression and Regression Coefficients. 2. Understand Time Series, its components and measurement along with Least Square Method to find out the Trend. 3. Understand and Analyse Different types of Index Numbers, Problems regarding construction and uses of Index Number.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hrs		
Part-B Contents of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each)			
Unit	Topics		
I	Correlation- Meaning, Utility, Types, Degrees of Correlation, Methods of Determining Correlation: Scatter Diagram, Karl Pearson's Coefficient of Correlation, Spearman's Rank Correlation Method, Concurrent Deviation Method, Coefficient of Determination.		
II	Regression- Meaning, Utility, Types of Regression Analysis. Difference between Correlation and Regression. Simple Linear Regression- Regression Equation using Normal Equation, Regression Equations using Regression Coefficient (Methods of calculating Regression Coefficient).		
III	Time series- Meaning, Utility, Components of Time Series (Trend, Seasonal Variations, Cyclical Variation Decomposition). Methods of measuring Trend (Freehand Curve, Semi-Average, Moving Average and Least Square Method). Least Square Method – Fitting of Straight-Line Trend: Direct and Short Cut Method. Fitting of Second-Degree Parabolic Trend or Quadratic Trend, Fitting of Exponential Trend.		
IV	Index Numbers- Problems regarding construction of Index Numbers: Chain Based Index and Fixed Base Index, Base Conversion, Base Shifting, Splicing, Deflating and Consumer Price Index. Consumer Price Index- Concept, Uses and Construction.		
Suggested Evaluation Methods			
Internal Assessment: 30			End Term Examination:70 Theory

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Part-C Learning Resources

Recommended Books/E-Resources/LMS:

- Gupta S.C. "Fundamentals of Statistics" S. Chand & Sons, New Delhi (1993).
- Spiegel, Murry R "Theory and Problems of statistics" Schaum's outline series, McGraw Hills(1992).
- Karmal P.H. and Polasek M "Applied Statistics for Economics (4th Edition), Pitman, Austrailia.

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CC-A12

Part-A Introduction			
Subject		Economics	
Semester		IV	
Name of the Course		Development Economics –II	
Course Code			
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC		CC	
Course Learning Outcomes (CLO)		After completing this course, the learner will be able to: 1. Understand and comprehend the concepts of dualism and its models 2. Compare and evaluate various growth models 3. Interpret the concepts and measures of income inequality 4. Identify and explain the meaning and role of capital formation and human capital in economic development	
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70		Time: 3 Hrs	
Part-B Contents of the Course			
Instructions for Paper Setters			
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each)			
Unit	Topics		
I	Unit-I Dualistic Development: Social and Technological dualism, Lewis dual economy model, Fei–Ranis Theory of Dual Economy, Harris–Todaro Model of Migration.		
II	Theories of Development: Karl Marx, Schumpeter, Keynes		
III	Inequality and Development: Meaning, Measurement (Lorenz Curve), Kuznets Inverted U Shape curve, Interconnection of Population Growth and Economic Development.		
IV	Capital formation: Meaning and sources; Role of capital formation in economic development; capital output ratio; Human capital: Meaning, Importance and Problems of Human Capital Formation, Transfer of technology.		
Part-C Learning Resources			

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Recommended Books/E-Resources/LMS

- Ghosh, Arun (1996), "Paradigms of Economic Development", IAS, Shimla.
- Meier, Gerald M. and James E. Rauch (2000), "Leading Issues in Economic Development", Oxford University Press, New York.
- Kuznets, S (1966) Modern Economic growth, Rate Structure and Spread, Vakils, Feffer and Simons Private Ltd, Bombay.
- Ray, Debraj (2004), "Development Economics", Seventh impression, Oxford University Press, New Delhi.
- Sen, A K (ed.) (1970), "Growth Economics", Penguin Books
- Thirlwall, A. P.(2003), "Growth and Development", Seventh edition, Palgrave Macmillan, New York.

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MIC-4

Part-A Introduction			
Subject	Economics		
Semester	IV		
Name of the Course	Economic History of India		
Course Code	MIC-4		
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	MIC		
Course Learning Outcomes (CLO)	<ol style="list-style-type: none">1. Students will gain deeper understanding of the nature and characteristics of the Indian Economy before colonial rule and it's transition to the colonial regime.2. The course will explore how colonial policies like Commercialization of agriculture and de-industrialization affected the Indian economy.3. The course will also examine how Indians adapted to the structural changes brought about by colonialism and how they responded to the challenges they faced.4. By developing critical thinking and analytical skills, students will be better equipped for career in field like academia, research journalism and government.		
Credits	Theory	Tutorial	Total
	03	1	04
Contact Hours	03	1	04
Max. Marks: 100 Internal Assessment Marks: 30 End Term Exam Marks: 70	Time: 3 Hrs		
Part-B Contents of the Course			

Instructions for Paper Setters	
1. Nine Questions will be set in all and students will be required to attempt 5 questions. 2. Question No. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2*7=14 marks). 3. For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each)	
Unit	Topics
I	Growth of colonial administrative apparatus in India; Indian Economy in the mid-nineteenth century; Systems of land settlements in India under British Rule; Indian Economy at the time of Independence.
II	Transformation of the traditional village economy during the British Rule; Commercialization of Agriculture: its causes and Consequences; Rural Indebtedness -Extent, Nature, Causes and Effects.
III	The state of Industrial Development in mid-nineteenth-century India; De-industrialization: causes and consequences; Growth of Textile (jute and cotton), Iron and Steel, Cement, Coal and Tea Industries during colonial period.
IV	Foreign capital in colonial India-its extent and impact; Growth and Composition of foreign trade during British Rule, Nature and problem of public debt, Economic Drain from India-form, extent and consequences.
Part-C Learning Resources	
Recommended Books/E-Resources/LMS <ul style="list-style-type: none"> • Kaushal G., Economic History of India -1757 to 1966, Kalyani publishers, New Delhi. • R.C.Dutt: The Economic History of India volume 1 (1848-1909), English publications Division, Ministry of Information and Broadcasting, GOI. • Roy, Tirthankar : The Economic History of India, 1857-1947 (3rd ed.) 2011 • Singh V.B. (ed.): Economic History of India 1857-1956, Allied Publication Private limited, Bombay, 1965 	

VAC- 3

Part-A Introduction	
Subject	Economics
Semester	IV
Name of the Course	Sustainable Development
Course Code	VAC- 3
Course Type: (CC/MCC/MDC/ CCM/ DSEC/VOC/DSE/PC/AEC/ VAC	VAC

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Course Learning Outcomes (CLO)		<div>1. Understand the Concept and Evolution of Sustainable Development</div> <div>2. Analyse the core dimensions of sustainability</div> <div>3. Examine major environmental problems and barriers in achieving sustainability.</div> <div>4. Develop Familiarity with Sustainable Development Goals (SDGs)</div> <div>5. Examine Key Government Initiatives Promoting SDGs in India</div>		
Credits		Theory	Tutorial	Total
		02	-	02
Contact Hours		02	-	02
Max. Marks: 50 Internal Assessment Marks:15 End Term Exam Marks: 35		Time: 2 Hrs		
Part-B Contents of the Course				
Instructions for Paper Setters				
<div>1. Five Questions will be set in all and students will be required to attempt three questions.</div> <div>2. Question No. 1 will be compulsory and will consist of 5 short answer type questions of 3 marks spread over the entire syllabus 5*3=15 marks).</div> <div>3. For the remaining two questions, students will attempt 1 out of 2 questions from each of the two units (10 marks each)</div>				
Unit	Topics			
I	<div>Introduction to Sustainable Development –Meaning and Brief Historical background of Sustainable Development, Pillars of Sustainability, Features, Significance and Challenges of Sustainable Development.</div> <div>Environmental problems in achieving sustainability. Circular Economy – Concept and importance, Green Economy – Concept and importance.</div>			
II	<div>Overview of Sustainable Development Goals (SDGs), SDG Localisation: Meaning and India’s approach to SDG localisation in brief.</div> <div>Key Initiatives of Government of India to promote SDGs: Swachh Bharat Mission, Jal Jivan Mission, PMJDY (Pradhan Mantri Jan Dhan Yojana), MGNREGA (Mahatma Gandhi National Rural Employment Guarantee Act), National Food Security Act (NFSA)2013, Beti Bachao Beti Padhao (BBBP), National Solar Mission, Skill India Mission</div>			
Part-C Learning Resources				

Recommended Books/E-Resources/LMS

1. Clayton, B.D. and Bass, Stephen (2002), Sustainable Development Strategies- a resource book, Earthscan Publications Ltd, London,
2. Fulekar, M.H., Pathak Bhawana, Kale R.K., Environment and Sustainable Development; Springer (2014)
3. Peacock, Kathy Wilson, Natural Resources and Sustainable Development.
4. Sachs, Jeffrey D., The Age of Sustainable Development
5. World Bank "Inclusive Green Growth – The pathway to Sustainable development, World Bank- Washington DC, 2012

Y. S. S.