CHAMAN LAL MAHAVIDHYALAYA

(AUTONOMOUS)

LANDHAURA, MANGLAUR ROAD, HARIDWAR

AFFILIATED

SRI DEV SUMAN UTTARAKHAND UNIVERSITY, BADSHAHITHAUL, TEHRI GARHWAL, UTTARAKHAND

NATIONAL EDUCATION POLICY-2020
STRUCTURE OF
UG SYLLABUS (2024-2025)
ECONOMICS

CHAMAN LAL MAHAVIDHYALAYA

तमसो मा ज्योतिर्गमय

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LANDHAURA, MANGLAUR ROAD, HARIDWAR
AFFILIATED
SRI DEV SUMAN UTTARAKHAND UNIVERSITY, BADSHAHITHAUL, TEHRI GARHWAL,UTTARAKHAND

ACCREDITED WITH GRADE B+ NAAC

LIST OF MEMBERS OF BOARD OF STUDIES

S.NO.	NAME OF THE MEMBERS	DESIGNATION	NOMINATED AS	SIGNATURE
1.	Dr. Vimal Kant	Sr. Assistant Prof.	Chairman	
2.	Dr. Raviraj Singh	Assistant Professor	Member	Raj
3.	Dr. Brij Mohan Prasad	Assistant Prof.	Member	
4.	Sh. Neeraj Kush	Sr. Adovacate	Member	
5.	Purnima	Ex Student	Member	
6.				
7.				
8.				

NATIONAL EDUCATION POLICY-2020

Common Minimum Syllabus for all Uttarakhand State Universities and Colleges for First Three Years of Higher Education

PROPOSED STRUCTURE OF
UG ECONOMICS
SYLLABUS

2021

List of all Papers in Six Semester
Semester-wise Titles of the Papers in Economics

Year	Sem.	Course Code		Theory/ Practical	Credits
Certificate Course in Fundamentals of Economics					
FIRST YEAR	I	ECOMJ101	Fundamentals in Microeconomics	Theory	6 Credits
	II	ECOMJ201	Fundamentals in Macroeconomics	Theory	6 Credits
Diploma in Economics					
SECOND YEAR	III	ECOMJ301	Basics of Public Finance	Theory	6 Credits
	IV	ECOMJ401	Money, Banking & International Trade	Theory	6 Credits
Bachelor of Economics					
THIRD YEAR	V	ECOMJ501	1. Indian Economy	Theory	5 Credits
			2. Optional Paper - Select any one of the following -	Theory	5 Credits
		ECOMJE501	(2a). Basics of Labour Economics		
		ECOMJE502	(2b). Basics of Agriculture Economics		
		ECOMJE503	(2c). Basics of Demography		
		ECOMJE504	(2d). Basics of Quantitative Techniques in Economics		
		ECORP501	3. Field Survey	Project	4 Credits
	VI	ECOMJ601	1. Economics of Growth & Development	Theory	5 Credits
			2. Optional Paper - Select any one of the following -	Theory	5 Credits
		ECOMJE601	(2a). History of Economic Thought		
		ECOMJE602	(2b).Basics of Industrial Economics		
		ECOMJE603	(2c).Economy of Uttarakhand		
		ECOMJE604	2(d) Basics of Computer Application in Economics		
		ECORP601	3. Research Project	Project	4 Credits

Abbrevations :-

ECOMJ	-	Economics Major Core
ECOMJE	-	Economics Major Elective
ECORP	-	Economics Research Project
ECOMIE	-	Economics Minor Elective

COURSE INTRODUCTION

The Course is designed for the students to pursue graduation with Economics in regular mode. The programme aims to inculcate economic thinking in students and help them in economic decision making. It aims to develop analytical view point in the students about the economic behavior of the people. The objective is to nurture the students as socially responsible and ethically aware citizens. The under graduate programme will have 10 courses in 6 Semesters in 3 years. Keeping in the spirit of the New Education Policy 2020 to introduce research at the graduation level **Field Survey** in Fifth Semester & **Research Project** in Sixth Semester is introduced in this course.

Programme Outcomes (Pos) :	
PO 1	Economics subject enables the learners to build up a professional carrier as economists, financial advisors, economics planners and policy makers. It prepares them to cope up with the stress and strain involved in the process of economic development.

Programme Specific Outcomes (PSOs) : UG I Year / Certificate Course in Fundamentals of Economics	
PSO1	To understand the basic concepts of Microeconomics
PSO2	To understand the basic concepts of Macroeconomics

Programme Specific Outcomes (PSOs) : UG II Year / Diploma in Economics	
PSO1	To understand the basic concepts of Public Revenue, Public Debt, Public Expenditure etc.
PSO2	To understand the basic concepts of Money, Banking & International Trade.
PSO3	To understand different monetary standards, central banking system etc.

Programme Specific Outcomes (PSOs) : UG III Year / Bachelor of Economics	
PSO 1	To understand the basic concept of Indian Economy.
PSO2	To understand the concept of Basic Labour Economics
PSO3	To understand the basics of Agricultural Economics.
PSO4	To understand the basics of Demography.
PSO5	To understand the basic concept of Quantitative Techniques that are used in economic analysis.
PSO6	To understand the basic concepts of Theory of Economic Growth & development.
PSO7	To understand about the Economic thinkers and their economic thoughts.
PSO8	To understand the basic concepts of Industrial Economy.
PSO9	To Understand the Economy of Uttarakhand.
PSO10	To understand the basic Computer Application in Economics.

Certificate Course in Fundamentals of Economics

B.A.-I Year	*SEM 1*	*Fundamentals in Micro Economics*	*[6 CREDITS]*
	SEM 2	*Fundamentals in Macro Economics*	*[6 CREDITS]*

Certificate Course in Fundamentals of Economics		
Programme : Certificate Course in Fundamentals of Economics	Year 1	Semester 1 Paper I
Subject : Economics		
Course Code : ECOMJ101	Course Title : Basics of Microeconomics	

Course Outcomes: The course will help in:

- Study of micro economics enables the students to have an understanding of theoretical aspects of the subject.
- Students are able to understand and define the basic concepts like consumer behavior,production, demand and supply etc.
- Students will learn about the price and output determination of the firm and industry under different market forms. They also learn about the Welfare concept in modern Economics.

Credits : 6 Credits	Core Compulsory
Max. Marks :75	Min. Passing Marks: 25
Total No. of Lectures – Practical (in hours per week) : 4-0-0	

Unit	Topic	No. of Lectures
I	Definition, Nature, Scope and Methods of Micro Economics. Equilibrium: Partial and General, Static and Dynamic.	16
II	Theory of Demand: Utility Analysis of Demand. (Cardinal & Ordinal Approach) Indifference Curve Analysis. Consumer's Equilibrium.Giffen Goods. Concept and Calculation of Elasticity of Demand& Consumer's Surplus.	18
III	Theory of Production: Returns to a Variable Factor. Production Possibility Curve. Production Function: Isoquants, Fixed Proportions and Variable Proportions Production Functions, Returns to Scale. Concept and Calculation of Total, average and marginal cost. Concept and Calculation of Revenue Curves - Total, Average and Marginal.	20
IV	Market Structures and Price Determination. Equilibrium of the Firm. Perfect Competition. Monopoly &Monopolistic Competition.	18
V	Theory of Factor Pricing: Marginal Productivity theory of Distribution. Modern Theories of Wage, Rent, Interest & Profit.	18

Certificate Course in Fundamentals of Economics

Programme : Certificate Course in Fundamentals of Economics	**Year 1**	**Semester 2** **Paper I**
Subject : Economics		
Course Code : ECOMJ201	**Course Title : Basics of Macroeconomics**	

Course Outcomes:

- Students learn about macroeconomics and different theories regarding the determination of income and employment by different economists.
- They learn about the consumption and investment functions. And also, about the functioning of multiplier process.
- Students learn about money and banking and become able to know about the theories of inflation and Unemployment etc.

Credits : 6 Credits	**Core Compulsory**
Max. Marks :75	**Min. Passing Marks: 25**

Total No. of Lectures – Practical (in hours per week) : 4-0-0

Unit	Topics	No. of Lectures
I	Macro-economics: Meaning, Nature, Scope, Importance and Limitations. Types of Macro Economics – Macro-Staticsand Macro - Dynamics.	16
II	National Income Concept : Gross Domestic Product (GDP), Net Domestic Product (NDP), Gross National Product (GNP), Net National Product (NNP), Personal Income (PI), Disposable Income (DI). Measures of National Income: Product Method, Income Method, Expenditure Method & Mixed Method.	20
III	Classical Approach to Employment: Classical Theory of Employment, Say's Law of Market, Pigou's Wage Cut Theory of Employment. Unemployment – Types and Causes.	18
IV	Keynesian Economics: Theory of Employment, Aggregate Demand and Aggregate Supply. Concept of Effective Demand. Multiplier – Investment Multiplier..	16
V	Consumption, Saving and Investment Function: Average and Marginal Propensity to Consume, Average and Marginal Propensity to Save,Marginal Efficiency of Capital, Autonomous Investment and Induced Investment.	20

Suggested Readings :

1. Ackley, G., Macroeconomics: Theory and Policy, Macmillan, New Y
2. Dornbusch, R. and F. Stanley, Macroeconomics, Mc Graw Hill, New York.
3. Jha, R., Contemporary Macroeconomic Theory and Policy, Wiley Eastern, New Delhi.

Diploma in Economics

B.A.-I Year	SEM 1	Fundamentals in Micro Economics	[6 CREDITS]
	SEM 2	Fundamentals in Macro Economics	[6 CREDITS]
B.A.-II Year	SEM 3	Basics of Public Finance	[6 CREDITS]
	SEM 4	Money Banking & International Trade	[6 CREDITS]

Diploma in Economics

Programme : Diploma in Economics	Year 2	Semester 4 Paper I
Subject: Economics		
Course Code: ECOMJ401	Course Title: Money, Banking & International Trade	

Course Outcomes:
1. The students will understand the concept of money and banking.
2. The students will learn Indian monetary system and its working.

Credits : 6 Credits	Core Compulsory
Max. Marks :75	Min. Passing Marks: 25

Total No. of Lectures – Practical (in hours per week) : 4-0-0

Unit	Topics	No. of Lectures
I	Nature, Functions, Significance and Classification of Money. Role of Money in Capitalist, Socialist and Mixed Economies.	15
II	Supply and Demand for Money. Fisher's Quantity Theory of Money. Income Theory of Money. Inflation and Deflation – Definition, Types, Causes and Effects on Different Sectors.	18
III	Commercial Banking: Meaning, Functions& types of commercial banks. Central Banking: Meaning, Functions and methods of credit control. Role and Functions of the Reserve Bank of India.	20
IV	Nature, Scope and Importance of International Trade. Inter-regional and International Trade. Theories of International Trade: Theory of Absolute Advantage, Theory of Comparative Advantage. Modern Theory of Trade : Heckscher Ohlin Theory.	19
V	Balance of Payments and Balance of Trade. Disequilibrium in the Balance of Payments: Causes and Correction. Rate of Exchange: Fixed vs. Flexible Exchange Rates. Free Trade vs. Protection.	18

Suggested Reading :-

1. Ackley, G. : Macroeconomics: Theory and Policy.
2. Kindleberger, C.P. : International Economics.
3. Sodersten, Bo : International Economics.
4. K.M.P. Sumdharam,: Money, Banking and International Trade, Sultan Chand, New Delhi.
5. Sethi, T. T., Money, Banking & International Trade, S chand, New Delhi.
6. Jalal, R. S., N. S. Bisht, Emerging Dimensions of Global Trade: Discussions on Trade Related Policies, Sarup& Sons, New Delhi
7. Jalal, R. S., Trade Policy and Global Participation: Indian Experience, Sarup& Sons, New Delhi
8 झिंगन, एम. एल., अन्तर्राष्ट्रीय अर्थशास्त्र, वृन्दावनपब्लिकेशन, नईदिल्ली
9 अग्रवाल एवंबरला, अन्तर्राष्ट्रीय अर्थशास्त्र

Bachelor in Economics

B.A.-I Year	SEM 1	Fundamentals in Micro Economics	[6 CREDITS]
	SEM 2	Fundamentals in Macro Economics	[6 CREDITS]
B.A.-II Year	SEM 3	Basics of Public Finance	[6 CREDITS]
	SEM 4	Money Banking & International Trade	[6 CREDITS]
B.A.-III Year	SEM 5	1. Indian Economy [Compulsory]	[5 CREDITS]
		2. Optional Paper Select any one of the following: - (2a.) Basics of Labour Economics (2b.) Basic Quantitative Techniques in Economics (2c.) Basics of Agricultural Economics (2d.) Basics of Demography	[5CREDITS]
		3. Field Survey	[4 CREDITS]
	SEM 6	1.Economics of Growth & Development	[5 CREDITS]
		2. Optional Paper Select any one of the following: - (2a.) History of Economic Thought (2b.) Economy of Uttarakhand (2c.) Basics of Industrial Economics (2d.) Basic Computer Application in Economics	[5 CREDITS]
		3. Research Project	[4 CREDITS]

Bachelor in Economics

Programme : Bachelor in Economics	Year 3	Semester 5 Paper I
Subject : Economics		
Course Code : ECOMJ501	Course Title : Indian Economy	

Course Outcomes:
1. The students will come to know the Features of Indian Economy.
2. The students will Learn Agriculture, Industrial and Service Sectors of the economy.
3. The students will get familiar with various Poverty Alleviation and Employment Generation Schemes.

Credits :5 Credits	Core Compulsory
Max. Marks :75	Min. Passing Marks: 25

Total No. of Lectures – Practical (in hours per week) : 4-0-0

Unit	Topics	No. of Lectures
I	Indian Economy – Nature, structure and Features. Natural Resources – Land, water, Forest and Minerals. Infrastructure – Importance and its development in India.	13
II	Demographic Profile of Indian Economy –Population composition and main characteristics of Indian population according to current census, Problems of Population and New Population Policy in India.	13
III	Agricultural structure in India – Importance& Nature. Agricultural Holdings and Land Reforms. Green Revolution. Agricultural Rural Labour. Agricultural Finance and Marketing. Agriculture Policy.	15
IV	Industry- Growth & Problems of Heavy, Medium, Small & Cottage Industries in India since globalisation. Industrial Finance. Make in India and SKILL Development Programme, Digital India, Jan Dhan Yojna. New Industrial Policy.	16
V	Nature and Estimation of Unemployment in India, Causes, types and remedies of Unemployment. Concept of Poverty, Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGA).DeenDayalUpoadhyaya National Rural Livelihood Mission (DDU-NRLM)	18

Suggested Reading:

1. Agrawal, A.N. : Indian Economy, WishwaPrakashan, New age International (P) Limited, New Delhi.
2. Misra, S. K. & V. K.Puri : Indian Economy.
3. RuddarDatt& K. M..P.Sundharam: Indian Economy, S. Chand, New Delhi.
4. Bimal Jalan : Problems of Indian Economy.

Maindola

Bachelor in Economics		
Programme : Bachelor in Economics	Year 3	Semester 5 Paper II(a)
Subject : Economics		
Course Code : ECOMJE501	Course Title : Basics of Labour Economics	

Course Outcomes :

1. The students will learn the importance of labour economics.
2. The students will get familiar with characteristics of Industrial labour.
3. The students will come to know about labour legislation and labour unions.
4. The students will learn Social Security and Labour Welfare measures for labours.

Credits : 5 Credits	Core Compulsory Elective
Max. Marks :75	Min. Passing Marks: 25
Total No. of Lectures – Practical (in hours per week) : 4-0-0	

Unit	Topics	No. of Lectures
I	Meaning & Importance of Labour Economics. Characterstics of Indian Industrial Labour Market. Migratory Character. Absentiesm, Labour Turnover. Unemployment – Causes, Types and Remedies., Recruitment of Industrial Labour : Through intermediately, Direct & Contract.	16
II	Types of Wage Determining Theory - Classical & Modern. Various Concept of Wages – Minimum Wage, Fair Wage and Living Wage. Organised and UnorganisedLabour, Rural Labour, Agricultural labour.	15
III	Labour Union – Meaning, Importance and Functions of Labour Unions, Methods of Settlement of Industrial Disputes - Preventive Measure & Settlement Measures.	15
IV	Labour Legislation in India- Factory Act 1948, Indian Labour Laws - Mines & Plantation.	13
V	State and Social Security of Labour – Concept of Social Security - Social Assistance and Social Insurance, Social Security in India, Labour Welfare in India, Causes & Problems of Child & Women labour in India.	16

Suggested Reading:

1. Allen, V.L.: Power in Trade Unions.
2. Beveridge, W.H.: Social Security Plan.
3. Chamberlain, N.W.: Collective Bargaining.
4. Clow, A. G.: Indian Factory Legislation.
5. Das, N.: Unemployment and Full Emploment in India.
6. Deshpande, L.K. Brahmmananda P. R. (Ed.) : Employment Policy in a Developing Economy.
7. Deshpande, D. K. and Sandesara, J.C. (Ed.) : Wage Policy and Wage Determination in India.

Bachelor in Economics

Programme : Bachelor in Economics	Year 3	Semester 5 Paper II(b)
Subject : Economics		
Course Code : ECOMJE502	Course Title : Basics of Agriculture Economics	
Course Outcomes: 1. The student will come to know the basics of agriculture and rural economics. 2. The student will get familiar with land distribution and agriculture production. 3. The student will learn the diversification in agriculture and about agriculture finance.		
Credits : 5 Credits	Core Compulsory Elective Min. Passing Marks: 25	
Max. Marks :75		
Total No. of Lectures – Practical (in hours per week) : 4-0-0		

Unit	Topics	No. of Lectures
I	Nature , scope and types of Agricultural Economics : Sustainable, organic, agro forestry. Role of Agriculture in development of Economy. Recent Trends in Agricultural Growth in India.	15
II	Land Distribution – Structure and Trends. Land Tenures Land Reforms in India during post independence period. Rural Labour Supply. Agricultural Wages in India.	15
III	Agricultural Production – Resource Use and Efficiency. Demand and Supply and Allocation of Basic Inputs- Labour, Land, Livestock Energy, Machinery and Equipment. Emerging Trends in Agricultural Technology.	15
IV	Diversification of Agriculture : Agriculture and Allied Activities. Revolutions in Agriculture - Green Revolution, White Revolution. Blue Revolution. Role of Women in Agriculture.	15
V	Agricultural Finance in India - Institutional and Non-institutional Sources. Rural Credit – Cooperatives, Regional Rural Banks. Role of NABARD. Agricultural Market Structure and Imperfections. Food Security in India. Public Distribution System.	15

Suggested Reading:

1. Heady, E.O. : (ed.) Economic Development of Agriculture.
2. Snodgrass, Milton M. and L.T. Wallace : Agricultural Economic and Resource Management, Prentice Hall of India Pvt. Ltd., 1977.
3. Eicher,Earl and Lawrence Witt (ed.):Agriculture in Economic Development: Vora Co. Pub. Pvt. Ltd. 1970.
4. Shah, C.H. and C.N. Vakil (ed.) : Agriculture Development of India : Policy and Problems, Orient Longman, 1979.
5. Southworth N. and A. Johnston : Agriculture Development and Economic Growth, Cornell University Press.
6. एस0 वी0 गुप्ता, कृषिअर्थशास्त्र, एस0 वी0 पी0 डी0 पब्लिकेशनआगारा।
7. Chaudhari, Pramit : Selected Readings in Indian Agriculture.
8. Govt. of India : Report of the National Commission on Agriculture.

Bachelor in Economics

Programme : Bachelor in Economics	**Year 3**	**Semester 5** **Paper II(c)**
Subject : Economics		
Course Code: ECOMJE503	**Course Title: Basics of Demography**	

Course Outcomes:

1. The students will come to know population growth and economic development.
2. The students will come to know about migration and its features.
3. The students will be able to understand the concept of demographical development of India,

Credits : 5 Credits	**Core Compulsory Elective**
Max. Marks :75	**Min. Passing Marks: 25**
Total No. of Lectures – Practical (in hours per week) : 4-0-0	

Unit	Topics	No. of Lectures
I	Meaning ,Scope& importance of Demography. Theories of Population: Malthusian Theory, Optimum Theory& Theory of Demographic Transition.	15
II	Fertility & Mortality Statistics :Crude Birth Rate (CBR), Maternal Age, Death Rate, Sex Ratio, Life Expectancy, Infant Mortality Rate (IMR), Fertility Rate. Child Health in India. Temporal and Spatial Variation in Sex Ratios. Methods of Population Projection.	18
III	Migration : Meaning, Types and Measurement. Causes and Effects of Internal and International migrations. Urbanisation - Causes and effects.	12
IV	Population Growth and Economic Development. Qualitative Control of Population. Human Development Index (HDI), Gender Development Index (GDI). Effects of Population Growth in Indian economy.	15
V	Sources of Demographic Data in India. Population Census in India – Nature, Methods, Problems and Defects. Salient Features of current Population Census. Family Planning Programmes in India.	15

Suggested Reading:

1. Agarwal, U.D.: Population Projections and Their Accuracy, B.R.Publishing Corporation, New Delhi.
2. Bhende,A.A. and T.R.Kanitkar: Principles of Population Studies, Himalaya Publishing House, Bombay.
3. Bogue, D.J.: Principles of Demography, John Wiley, New York.
4. Bose, A.:India's Basic Demographic Statistics, B.R.Publishing Corporation, New Delhi.
5. Census of India: Various Reports.
6. Choubey,P.K.: Population Policy in India, Kanishka Publications, New Delhi.
7. Misra, B.D.: An Introduction to the Study of Population, South Asia Publishers, New Delhi.
8. Sriniwasan, K.: Basic Demographic Techniques and Applications, Sage Publications, New Delhi
9. Krishnaji,M., R.M.Sudrashan and A.Shariff: Gender Population and Development, OUP, New Delhi.

Bachelor in Economics

Programme : Bachelor in Economics	**Year 3**	**Semester 5** **Paper II(d)**

Subject: Economics	
Course Code: ECOMJE504	**Course Title: Basic Quantitative Techniques in Economics**

Course Outcomes:

1. Students will be able to understand the Basic concept of Mathematical Economics
2. Students will be able to use the mathematical tools and methods in Economics

Credits: 5 Credits	**Core Compulsory Elective**
Max. Marks:75	**Min. Passing Marks: 25**

Total No. of Lectures – Practical (in hours per week) : 4-0-0

Note: Elementary Quantitative concepts with illustration from Economics with the help of graph and equations where ever possible. Proof of theorems is not expected. (Simple Calculator without mathematical and statistical functions is allowed but candidates shall have to arrange the calculator at their own)

Unit	Topics	No. of Lectures
I	Definition, Scope, Importance and Limitations of Quantitative Techniques and Statistics; Primary & Secondary Data. Census & Sampling.Techniques of Data Collection, Classification and Tabulation of Data. Diagrammatic and Graphic Representation of Data.	14
II	Measures of Central Tendency: Arithmetic Mean, Median, Mode. Measures of Dispersion: Range, Mean Deviation, Standard Deviation. Simple Correlation.	15
III	Variables, Functions, Identities, Linear Equations in one Unknown. Simultaneous Equations in two variables, Use of Linear Functions in Economics. Differentiation of a Function. : Rules of Differentiation., Basic Economic Applications of the Derivatives. Elementary Integral Calculus. Basic Applications of Differential and Integral calculus in Economics.	17
IV	Matrices (not more than 3 columns, 3 row case): Types, Definition and. Properties, Addition, Subtraction and Multiplication of Matrices. Determinant: Meaning, Rules of Expansion, Properties, Solution of Linear Simultaneous Equation with help of Cramer's Rule.	17
V	Index Numbers- Price Index Number: Simple Price Relative, Weighted Price Index Number.	12

Suggested Reading:

1. Bose, D., An Introduction to Mathematical Economics, Himalaya Publishing House, New Delhi.
2. Yamane, T., Mathematics for Economists- An Elementary Survey, Prentice Hall of India, New Delhi.

Bachelor in Economics		
Programme : Bachelor in Economics	Year 3	Semester 5 Paper III
Subject : Economics		
Course Code : ECORP501 | Course Title : Field Survey	Core Compulsory	
Credits : 4 Credits		
Max. Marks :100	Min. Passing Marks:33	
Total No. of Lectures – Practical (in hours per week) : 4-0-0		

Note : The student will be required to collect information on any economic activity.

This course can be opted as an elective by the students of following subjects: The course can be opted by those students who have cleared their Diploma in Economics.

Suggested Continuous Evaluation (25 Marks):

Course Prerequisites: Must havecleared Diploma in Economics.

Bachelor in Economics			
Programme : Bachelor in Economics		Year 3	Semester 6 Paper I
Subject : Economics			
Course Code : ECOMJ601	**Course Title : Economic Growth & Development**		
Course Outcomes : 1. The students will be able to understand the development theories along with the conceptual issues in growth and development. 2. The students will be able to understand the concept of demographical development of India, its demographic features and HDI.			
Credits : 5 Credits		Core Compulsory	
Max. Marks :75		Min. Passing Marks: 25	
Total No. of Lectures – Practical (in hours per week) : 4-0-0			

Unit	Topics	No. of Lectures
I	Meaning and Measurement of Economic Growth and Development, Measuring Development and Development Gap, GDP, GNP, Per Capita Income,Factors affecting Economic Growth and Development: Economic and Non-economic factors.	14
II	Concept of Poverty and Inequality, Vicious cycle of poverty, Lorenz Curve. Concept of Human Development :Physical Quality of Life Index (PQLI), Human Development Index (HDI), Gender Development Index (GDI), Human Poverty Index (HPI) & Purchasing Power Parity (PPP).	16
III	Economic Models: Adam Smith, Ricardo, Malthus and Marxian theory of Capitalist Development. Schumpeter Model.	15
IV	Theories of Development: Vicious Circle Theory, Theory of Big Push, Critical Minimum Effort Thesis, Theory of Low-Level Equilibrium Trap, Balanced and Unbalanced Growth.	16
V	Sectoral Priorities and Development: Role of Agriculture, Industry and Service Sector.	14

Suggested Reading :

16. Ghatak, S., (1986), An Introduction to Development Economics, Allen and Unwin, London.
17. Thriwall, A. P., (1978), Growth and Development, McMillan, London.
18. .Meier, G.M., (1984) : Leading Issues in Economic Development, Oxford University Press, New
19. Higgins, B. (1959) : Economic Development, Norton , New York

Bachelor in Economics			
Programme :Bachelor in Economics		Year 3	Semester 6 Paper II(a)
Subject : Economics			
Course Code: ECOMJE601	Course Title : History of Economic Thought		
Course Outcomes: 1. The students will come to know the thoughts of Mercantilism and Physiocracy. 2. The students will come to know about Classical period thinkers in economics. 3. The students will know about Nationalist & Welfare Economists.			
Credits : 5 Credits		Core Compulsory	
		Min. Passing Marks: 25	
Max. Marks :75			
Total No. of Lectures – Practical (in hours per week) : 4-0-0			

Unit	Topics	No. of Lectures
I	Economic Ideas of Mercantilism, Economic Ideas of Physiocrats	10
II	Classical Period: Adam Smith, J.B.Say, David Ricardo Thomas R. Malthus	15
III	Socialists and Associationism — St. Simon and Simonians, Sismondi, Robert Owen,Karl Marx —LabourTheory of Surplus Value	15
IV	Nationalist, Mathematical and Austrian School& Welfare Economist - Fredrick List, Irving Fisher, Karl Menger, Pigou &Keyens.	15
V	Indian Economist: Narouji, Ranade, Gandhian Economics, Gokhle, J.K. Mehta, Amartya Sen, DeenDayal Upadhyay.	20

Suggested Readings :

1. Schumpeter, J.A.: A History of Economic Analysis.
2. Stigler, G.J.: Essays in the History of Economics.
3. Dobb, Maurice: Theories of Value and Distribution since Adam Smith.
4. Obrien: Classical Theory of Value and Distribution.
5. Gide and Rist : History of Economic doctrines. (fgUnh :ikUrj)
6. Meek, R.L.: Physiocracy.
7. Meek R.L.: The Labour Theory of Value.
8. Ricordo, David: Principles of Political Economy and Taxation Edited by P. Sraffa.
9. Smith, A.: Wealth of Nations, Book I, Chap. I to X.
10. Blaug, Mark: Economic Theory in Retrospect.
11. Stigler, G.J.: Production and Distribution Theories.

Bachelor in Economics

Programme : Bachelor in Economics	Year 3	Semester 6 Paper II(b)

Subject : Economics

Course Code : ECOMJE602	Course Title : Basics of Industrial Economics

Course Outcomes :

1. The students will come to know about Industrial Process, growth of Firm and Process of Innovation.
2. The students will study rationalism and effects of globalization on industry.

Credits : 5 Credits	Core Compulsory
Max. Marks :75	Min. Passing Marks: 25

Total No. of Lectures – Practical (in hours per week) : 4-0-0

Unit	Topics	No. of Lectures
I	Scope and Method of Industrial Economics. Industrial Efficiency: Organisational Form and Alternative Motives of the Firm. Efficiency and Size of the Firm. Concept and Measurement of Profitability. Determinants of Profitability.	15
II	Growth of the Firm. Conceptual Framework for the Theory of Growth of the Firm . Pricing Decisions: General Situations for Pricing Decisions. Pricing Procedures. Pricing in Public Enterprises.	15
III	Process of Innovation.. Theory of Technological Innovation. Production Control. Cost Control.. Quality Control, Financial Structure of the Firm – Components of Funds. Role, Nature, Volume and Types of Institutional Finance.	15
IV	Theories of Industrial Location – Weber and Sargent Florence. Determinants of Industrial Location. Approaches to Industrial Location Analysis. Operational Approaches to Industrial Location. Industrial Location Trends in India.	15
V	Industrialisation: Rationale, Objectives, Strategies and Policies. Industrialisation and Regional Development. Employment Implications of Industrialisation. Need for Government Intervention in Industry. New Industrial Policy of India.	15

Suggested Readings :

1. Ahluwalia, I.J.: Industrial Growth in India, OUP, New Delhi.
2. Barthwal, R.R.: Industrial Economics, Wiley Eastern, New Delhi.
3. Jalal, R.S.: "Industrial Entrepreneurship", Anmol Publication, New Delhi.
4. Cherunilam, F.: Industrial Economics: Indian Perspective, Himalaya Publishing House, Mumbai.
5. Desai, B.: Industrial Economy in India, Himalaya Publishing House, Mumbai.
6. Hay,D. and D.J.Morris: Industrial Economics: Theory and Evidence, OUP, New Delhi.
7. Kuchhal, S.C.: Industrial Economy of India, Chaitanya Publishing House, Allahabad.

Bachelor in Economics

Programme : Bachelor in Economics	Year 3	Semester 6 Paper II(c)
Subject : Economics		
Course Code : ECOMJE603	Course Title : Economy of Uttarakhand	

Course Outcomes :

1. The course introduces about the economy of Uttarakhand and demographic profile of Uttarakhand.
2. The student will learn agriculture and industrial profile of Uttarakhand economy.
3. The student will come to know about various poverty alleviation programmes in Uttarakhand.
4. The students will come to know about various employment generation programmes in Uttarakhand.

Credits : 5 Credits	Core Compulsory
Max. Marks :75	Min. Passing Marks: 25
Total No. of Lectures – Practical (in hours per week) : 4-0-0	

Unit	Topics	No. of Lectures
I	Economy of Uttarakhand - Introduction &Characterstics. Demographic Profile of Uttarakhand. Natural Resources in Uttarakhand.	10
II	Agricultural Profile – Agriculture& allied sector in Uttarakhand. Animal Husbandry and Dairy Farming in Uttarakhand. Problems in Agriculture Sector.	15
III	Industrial Profile of Uttarakhand - Heavy Industries, MSME in Uttarakhand, New Industrial Policies. Problems of Village and Cottage Industries.	15
IV	Tourism sector in Uttarakhand. Problems of Migration & Reverse Migration in Uttarakhand. Role of Women in Uttarakhand's Economy.	15
V	Unemployment and Poverty in Uttarakhand. Various Poverty Alleviating Programmes in Uttarakhand. MukhyamantriSwarozgaarYojna. Mukhyamantri Saur SwarozgarYojna, Veer Chandra Singh Garhwali Yojna, National Rural Livelihood Mission, National Urban Livelihood Mission.	20

Suggested Readings :

1. Pandey, P.C., D.C. Pandey, P.S. Bisht, Rajnish Pande :Economy of Uttaranchal Profile and Dynamics of Change, co-ed. Anamika Publishers & Distributors Pvt. Ltd. New Delhi.
2. Pandey, R.K., Rajnish Pande&Padam S. Bisht : Economy of Uttaranchal - Profile and Dynamics of Change, co-ed., Anamika Publishers & Distributers (P) Ltd., New Delhi.
3. Bisht, Padam S.; Tourism Development in Kumaon, Anamika Publishers & Distributors Pvt. Ltd. New Delhi.
4. Lohani, Jitendra Kumar &Padam S. Bisht: Uttarakhand Ki Arthvyavastha, Kunal Books New Delhi.

Bachelor in Economics		
Programme : Bachelor in Economics	Year 3	Semester 6 Paper III
Subject : Economics		
Course Code : ECORP601	Course Title : Research Project	
Credits : 4 Credits	Core Compulsory	
Max. Marks : 100	Min. Passing Marks:33	
Total No. of Lectures – Practical (in hours per week) : 4-0-0		
Note: The Research Project will be based on Primary /Secondary Data.		

Note :-The students are required to prepare a research project of 30-50 pages based on Primary / Secondary data on the topic allotted by the concerned teacher.

This course can be opted as an elective by the students of following subjects: Those students who have successfully qualified Diploma in Economics are eligible for this course.

Course Prerequisites: Successfully completion ofDiploma in Economics.

Minor Elective

[4 Credits]

- *Fundamentals of Economics*
- *Indian Economy & Economy of Uttarakhand*

[Note :- Minor Elective Paper to be opted by students of other Department.]

Certificate Course in Fundamentals of Economics		
Programme : *Certificate Course in Fundamentals of Economics*	Year 1	Semester 1 or 2 Paper II
Subject : Economics		
Course Code : ECOMIE101	Course Title : Fundamentals of Economics	
Course Outcomes : 1. The student will come to know about the fundamentals of Economics. 2. The student will come to know about Micro & Macro Economics. 3. The student will get familiar with various economic systems. 4. The students will learn Banking system & Public Finance.		
Credits : 4 Credits	Minor Elective	
Max. Marks :75	Min. Passing Marks: 25	
Total No. of Lectures – Practical (in hours per week) : 4-0-0		

Unit	Topics	No. of Lectures
I	Meaning, nature & Scope of Micro Economics. Concept of Cardinal & Ordinal approach of Utility. Indifference Curve Analysis. Consumer Equilibrium. Concept of Demand.	13
II	Meaning, Nature & Scope of Macro Economics. Type of Macro Economics. Circular flow of Income. Concept of Inflation and Employment.	13
III	Capitalist, Socialist & Mixed Economy. Problems of Resource Allocation.	12
IV	Types & Classification of Money. Central Bank - RBI. International & Inter -regional Trade.	12
V	Meaning & Scope of Public Finance. Concept of Direct & Indirect Tax.	10

Suggested Readings :

1. Chaturvedi, D.D. & Anand Mittal; Principals of Macro Economics ; Kitab Mahal, Delhi
2. Mithani, D.M. : Macro Economics.
3. Ackley, G. : Macroeconomics: Theory and Policy.

Suggested online link :

www.ignou
www.swayam
www.inflibnet

Certificate Course in Fundamentals of Economics		
Programme :*Diploma in Economics*	Year 1	Semester 3 or 4 Paper II
Subject : Economics		
Course Code : ECOMIE101	Course Title : Indian Economy & Economy of Uttarakhand	
Course Outcomes : 1. The student will come to know about the fundamentals of Indian Economy. 2. The student will get familiar to the Economy of Uttarakhand.		
Credits : 4 Credits	Minor Elective	
	Min. Passing Marks: 25	
Max. Marks :75		
Total No. of Lectures – Practical (in hours per week) : 4-0-0		

Unit	Topics	No. of Lectures
I	Structure and Features of Indian Economy. Introduction to Agriculture, Industrial & Tertiary Sectors in Indian Economy.	12
II	Features & Demographic Profile of India. Success story of Indian Plans & NITI AAYOG.	12
III	Features of Economy of Uttarakhand. Agriculture and Industrial Profile of Uttarakhand.	12
IV	Migration and Reverse Migration in Uttarakhand.	12
V	Role of Tourism and Women in economic development of Uttarakhand.	12

Suggested Readings :

1. Agrawal, A.N. : Indian Economy, WishwaPrakashan, New age International (P) Limited, New Delhi.
2. Misra, S. K. & V. K.Puri : Indian Economy.
3. RuddarDatt& K. M..P.Sundharam: Indian Economy, S. Chand, New Delhi.
4. Bimal Jalan : Problems of Indian Economy.
5. Pandey, P.C., D.C. Pandey, P.S. Bisht, Rajnish Pandey :Economy of Uttaranchal Profile and Dynamics of Change, co-ed. Anamika Publishers & Distributors Pvt. Ltd. New Delhi.
6. Pandey, R.K., Rajnish Pande &Padam S. Bisht : Economy of Uttaranchal - Profile and Dynamics of Change, co-ed., Anamika Publishers & Distributers (P) Ltd., New Delhi.
7. Bisht, Padam S.; Tourism Development in Kumaon, Anamika Publishers & Distributors Pvt. Ltd. New Delhi.
8. Lohani, Jitendra Kumar &Padam S. Bisht: Uttarakhand Ki Arthvyavastha, Kunal Books, New Delhi.

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www.inflibnet

Vocational/Skill Development Course in Economics Department

Vocational Course-01		
Programme: Certificate Course in Economics	Year : First	Semester-I Paper- I VC
Subject : Economics		
Course Code: ECOVC -01	Course Title: DATA ANALYSIS	

Course outcome:

1. Building knowledge and understanding of collection and presentation of data for drawing statistical inferences.
2. To introduce the students the important data sources that is available.
3. To train the students in the use of free statistical software to analyse data.

Credit: 3 (Three)	Elective
Maximum marks: 25+75	Minimum Passing Marks: 33

Total no. of lectures-tutorials-practical(labour per week):3-0-0

Unit	Topic	No. of lectures
Unit 1	Collection of data- Primary and Secondary. Census and Sampling. Methods of data collection .Classification and Tabulation of data. Diagrammatic and Graphical representation of data	15
Unit 2	Measures of Central Tendency-Arithmetic mean Median, Mode, Geometric mean and Harmonic mean .Measures of dispersion- Standard Deviation, Skewness.	15
Unit 3	Simple Correlation: Karl Pearson and Rank Correlation. Basics of Index numbers :Price and quantity index numbers	15

Suggested Readings:

Allen, R.G.D., Mathematical Analysis for Economists, Macmillan Press and ELBS, London. Chiang, A.C., Fundamental Methods of Mathematical Economics, McGraw Hill, New York. Gupta, S.C., Fundamentals of Applied Statistics, S. Chand & Sons, New Delhi. Monga, G.S., Mathematics and Statistics for Economists, Vikas Publishing House, New Delhi. Speigal, M.R., Theory and Problems of Statistics, McGraw Hill Book Co., London.

Suggested on line link: www.ignou ,www.swayam.

This course can be offered as an elective by the students of following subjects: Open to all

Suggested Continuous Evaluation (25 Marks): The suggested continuous evaluation will have the following criteria – Assignment /Assignment Presentation/ Class Test/Seminar/ Attendance

Course Prerequisites: N/A

Vocational/Skill Development Course in Economics Department

Vocational Course-02			
Programme: Certificate Course in Economics		Year : First	Semester-II Paper- II VC
Course code: ECOVC-02	Course Title: Environmental Economics		
Course outcome: 1. To learn an economic approach to environmental problems. 2. To understand complementary view of environmental economics. 3. To develop economic tool kit to evaluate applied problems.			
Credit: 3 (Three)	Elective		
Maximum marks: 25+75	Minimum passing marks: 33		
Total no. of lectures-tutorials-practical(labour per week):3-0-0			

Unit	Topic	No. of lectures
Unit 1	Environment and Economics: 1. Fundamental concepts of Environmental Economics 2. Meaning, nature and scope of Environmental Economics 3. Environmental pollution- air, water and deforestation 4. Inter-linkages between Environment and Economics 5. Economics of Natural Resources- land, air and water	**15**
Unit 2	Environment and Development : 1. Environment and Economic Growth: 2. Concepts of Sustainable Development 3. Policy Approach of Sustainable Development 4. Role of State in Environmental Conservation 5. People's participation in management of Natural Resources	**15**
Unit 3	Environmental issues: 1. Global warming 2. Climate change 3. Green House Effect, Ozone Depletion 4. Acid Rain 5. Biodiversity Conservation , Chipko movement	**15**

Suggested readings:

Bhattacharya,RN(ed)Environmental Economics: An Indian perspective, Oxford New Delhi

Boumal,W.J. and W.E. Oats,(1998), The Theory of Environmental Policy, Cambridge University Press

Bromely, D.W.(ed)Hand Book of Environmental Economics, Blackwell, London

P.Das Gupta and K.G. Miller,(1997)The Environmental and Emerging Development Issues

Ram Prasad Sen Gupta(2007)Ecology and Economics, Oxford New Delhi

Seneca, Joseph,J.Taussig M.K.(1979),Environmental economics, New Jersey, Prentice Hall.