



## Minutes of Meeting of Online BOS

Thursday, May 26, 2022 3pm

The meeting of Board of Studies (Economics) held in Faculty of Humanities on May 26, 2022 at 3 PM in the presence of the following members under the Chairmanship of Dean, Faculty of Humanities, GK (DU).

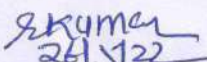
- Prof. Rakesh Jain, Head and Dean, Faculty of Humanities, GK (DU), Haridwar, Uttarakhand
- Prof. A. K. Gaur, Dept. of Economics, Banaras Hindu University, Varanasi, UP
- Dr. Utasav Anand, Head, Dept. of Economics, Dr. Harisingh Gour Central University, Sagar, Madhya Pradesh
- Dr. Vipul Bhatt, Faculty of Humanities, GK (DU), Haridwar, Uttarakhand

### **Agenda of BOS**

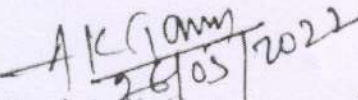
- Approval of syllabus for Economics (Certificate, Diploma, BA and BA Hons.) Four year as per National Education Policy 2020.

### **Resolution**

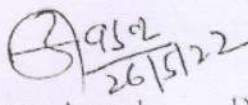
- It is resolved by all the BOS members to approve the syllabus for Economics (Certificate, Diploma, BA and BA Hons.) Four year as per National Education Policy 2020 presented for academic session 2022-23.

  
26/5/22  
Prof. Rakesh Jain

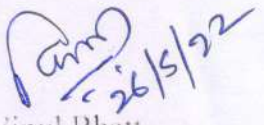
Head and Dean,  
Faculty of  
Humanities,  
GK (DU),  
Haridwar

  
26/05/2022  
Prof. A. K. Gaur

Dept. of Economics,  
Banaras Hindu  
University,  
Varanasi, UP

  
26/5/22  
Dr. Utasav Anand

Head,  
Dept. of Economics  
Dr. Harisingh Gour  
University

  
26/5/22  
Dr. Vipul Bhatt

Faculty of  
Humanities,  
GK (DU),  
Haridwar

**SCHEME OF EXAMINATION**

**AND**

**COURSE OF STUDY**

**Four-Year Undergraduate Programme**

**as per**

**National Education Policy-2020**

**CHOICE BASED CREDIT SYSTEM (CBCS)**

**B.A. (ECONOMICS)**

**(w. e. f. 2022)**



**ECONOMICS**

**FACULTY OF HUMANITIES**

**GURUKULA KANGRI (DEEMED TO BE UNIVERSITY)**

**HARIDWAR**

**(Deemed to be university u/s 3 of UGC Act 1956)**

**2022**

**Syllabus and Structure of Economics has been approved as per National Education Policy-2020**

## AIMS OF BACHELOR'S DEGREE PROGRAMME IN ECONOMICS

The Course is designed for the students pursuing graduation with Economics at graduation level in regular mode.

The programme aims at

1. Offering learning opportunities to orient the students towards scientific study of the complexities of economic agents and the economy.
2. Imparting knowledge of basic concepts and methods in economics, and developing ability to appreciate the challenges in the global and local economy.
3. Inculcating the "economic way of thinking" by which we mean the rational and purposeful utility maximizing choices made by individual agents, with the understanding of the trade-offs and opportunity costs such choices involve.
4. Developing the ability to parsimoniously and formally model economic decisions.
5. Honing the ability to analyze historical and current events from an economic perspective.
6. Helping to develop cognitive, affective and behavioural abilities of students for building knowledgeable economists and researchers.
7. Developing analytical view point in the students about the economic behaviour of people along with an ability to analyze, interpret and present economic data
8. Meeting the objective is to nurture economic literacy among student a view point of a socio-economically aware citizen.
9. Equipping students with the ability to write clearly expressing an economic point of view.
10. Exposing students to alternative approaches to economic problems through exposure to coursework in allied fields.

The structure of syllabus is based on the template of UGC proposed for the CBCS for undergraduates in Economic (Regular).

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### PROGRAMME LEARNING OUTCOMES

The learners who complete three years of full time undergraduate programme in economics would earn a Bachelor's degree. The learning outcomes that a student should be able to demonstrate on completion of a degree level programme may involve academic, behavioural and social competencies as described below.

<b>PO1</b>	Understanding the behavioural patterns of different economic agents, advance theoretical issues and their applications.
<b>PO2</b>	Understanding the basic concept of Microeconomics and Macroeconomics.
<b>PO3</b>	Acquainting with some basic methods to be applied in economics.
<b>PO4</b>	Acquainting with some basic theoretical concept of public finance.
<b>PO5</b>	Introducing the student to emerging inter-sectional branches in economics.
<b>PO6</b>	Equipping the student with tools to analyse economic data and make meaningful observations.
<b>PO7</b>	Critically evaluating the fiscal policies designed for developed and developing economics.
<b>PO8</b>	Acquainting with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives.
<b>PO9</b>	Understanding the various development issues faced by the Indian economy.
<b>PO10</b>	Learning the basic concept of monetary analysis and financial marketing in Indian financial markets.
<b>PO11</b>	Acquainting the student with some basic concept of environmental economics along with the solution of the environmental problems.
<b>PO12</b>	Familiarising the student with the characteristics of the economy of Uttarakhand.
<b>PO13</b>	Introducing the various economic philosophies and economic systems that have evolved in human society. Appraising the historical developments in the economic thoughts propounded by different schools.
<b>PO14</b>	Familiarizing the student with the evolution of Indian Economy during the Colonial Era.
<b>PO15</b>	Developing entrepreneurship and knowledge of small business development among students.
<b>PO16</b>	Introducing the students to the dynamics of agricultural sector in the Indian economy.
<b>PO17</b>	Familiarizing the students with the market for labour in the Indian economy.
<b>PO18</b>	Helping the students comprehend the intricate working of International economics.
<b>PO19</b>	Familiarizing the students with various theories of economic growth propounded by economists over the years.
<b>PO20</b>	Helping the students appreciate the various aspects of development that indicate human well-being.

*S. Kumar*

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## STRUCTURE OF B.A. PROGRAMME

Semester	Discipline Specific Core (DSC)	Discipline Specific Elective (DSE)	Generic Elective (GE)	Ability Enhancement Compulsory Courses (AECC)	Skill Enhancement Courses (SEC)/ Vocational Courses (VoC)/ Co-curricular (Qualifying)	Value Addition Courses (VAC)/ Industrial Training/ Survey and Field Work/ Research Project/ Dissertations (2)	Total Credits
I	English/IL 1(6)			Language and Literature (4)/ Environmental Science and Sustainable Development (4)	NSS/NCC/Cultural (Music/Arts/Drawing & Painting/Dance) (Qualifying)	Yogic Science/ Physical Education and Sports/ Human Psychology (2)	24
	Discipline-A 1(6)						
	Discipline-B 1(6)						
II	English/IL 2(6)			Environmental Science and Sustainable Development/ Language and Literature (4)	NSS/NCC/Cultural (Music/Arts/Drawing & Painting/Dance) (Qualifying)	Yogic Science/ Physical Education and Sports/ Human Psychology (2)	24
	Discipline-A 2(6)						
	Discipline-B 2(6)						
<b>AWARD OF CERTIFICATE (after 1 year: 48 Credits)</b>							
III	IL/English 3(6)				SEC-1 (4)	IT Skills, Data Analysis / Digital Literacy and Cyber Security (4)	26
	Discipline-A 3(6)						
	Discipline-B 3(6)						
IV	IL/English 4(6)				SEC-2 (4)	Science and Society (4)	26
	Discipline-A 4(6)						
	Discipline-B 4(6)						
<b>AWARD OF DIPLOMA (after 2 Years: 100 Credits)</b>							
V		Discipline-A 5(6)	GE-1 (6)		SEC-3 (4)	Innovation and Entrepreneurship/ Health & Wellness/ Field Study Techniques & Report Writing (4)	26
		Discipline-B 5(6)					
VI		Discipline-A 6(6)	GE-2 (6)		SEC-4 (4)	Ethics and Culture/ The essence of Indian Traditional Knowledge/ BKT (4)	26
		Discipline-B 6(6)					
<b>AWARD OF Bachelor of Arts (B.A.) in concerned discipline (after 3 Years: 152 Credits)</b>							
VII	(Choose any one discipline from A, B)				Management Paradigms From Bhagavad Gita (2)	Survey and Field Work/Research Project/Dissertation on Major (6)	26
	DSC/DSE- 7(6)						
	DSC/DSE- 8(6)						
	DSC/DSE- 9(6)						
VIII	DSC/DSE- 10(6)				Personality Development Through Applied Philosophy of Ramcharitmanas (2)	Research Project/Dissertation (6)	26
	DSC/DSE- 11(6)						
	DSC/DSE- 12(6)						
<b>AWARD OF Bachelor of Arts (Hons) in concerned discipline (4 Years) (after 4 Years: 204 Credits)</b>							
Credits							204

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### STRUCTURE OF ECONOMICS SUBJECTS

Subject Code	Subject Title	Period per week		Evaluation Scheme				Subject Total
		Lectures	Tutorials	Credit	Sessional		End Semester Examination	
						Cumulative Test		Teacher Assessment
<b>Semester-I</b>								
BEC-C101	Principles of Microeconomics-I	6	-	6	20	10	70	100
<b>Semester-II</b>								
BEC-C201	Principles of Microeconomics-II	6	-	6	20	10	70	100
<b>AWARD OF CERTIFICATE (after 1 year: 48 Credits)</b>								
<b>Semester-III</b>								
BEC-C301	Principles of Macroeconomics-I	6	-	6	20	10	70	100
BEC-S301	Financial Economics	4		4	20	10	70	100
	OR							
BEC-S302	Emerging Areas in Economic Studies							
<b>Semester-IV</b>								
BEC-C401	Principles of Macroeconomics-II	6	-	6	20	10	70	100
BEC-S401	Data Analysis	4		4	20	10	70	100
	OR							
BEC-S402	Comparative Economic Development							
<b>AWARD OF DIPLOMA (after 2 Years: 100 Credits)</b>								
<b>Semester-V</b>								
	Discipline Specific Elective: One of the following	6	-	6	20	10	70	100
BEC-E501	Economic Development Policy of India							
BEC-E502	Money and Banking							
BEC-E503	Environmental Economics							
BEC-S501	Economy of Uttarakhand	4		4	20	10	70	100
	OR							
BEC-S502	Economic Systems							
BEC-G501	Introduction to Indian Economy - I	6		6	20	10	70	100
<b>Semester-VI</b>								
	Discipline Specific Elective: One of the following	6	-	6	20	10	70	100
BEC-E601	Economic Development Policy of India II							
BEC-E602	Economic History of India (1857-1947)							
BEC-E603	Public Finance							
BEC-S601	Entrepreneurship and Small Business Development	4		4	20	10	70	100
	OR							
BEC-S602	Economics of Rural Development							
BEC-G601	Introduction to Indian Economy - II	6		6	20	10	70	100

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AWARD OF Bachelor of Arts (B.A.) in concerned discipline (after 3 Years: 152 Credits)								
Semester-VII								
BEC-C701	Agricultural Development in India	6	-	6	20	10	70	100
BEC-C702	Labour Economics	6	-	6	20	10	70	100
BEC-C703	International Trade and Globalisation	6	-	6	20	10	70	100
	Survey and Field Work/Research Project/Dissertation on Major (6)			6	30		70	100
Semester-VIII								
BEC-C801	Theories of Economic Growth	6	-	6	20	10	70	100
BEC-C802	Development Economics	6	-	6	20	10	70	100
BEC-C803	Industrial Relations And Social Security	6	-	6	20	10	70	100
	Survey and Field Work/Research Project/Dissertation on Major (6)			6	30		70	100
AWARD OF Bachelor of Arts (Hons) in concerned discipline (4 Years) (after 4 Years: 204 Credits)								

NOTE: The program is structured in a semester mode with multiple exit options with Certificate, Diploma and Basic Bachelor Degree at the completion of first, second and third years, respectively. The student who completes the four years Undergraduate Program would get a Bachelor's Degree with Honours.

#### EXAMINATION

The examination will be conducted in accordance with this Deemed to be University Rules. The End Semester examination will be conducted by the controller of examinations. The cumulative test, teacher assessment and internal examination will be co-ordinated by the Department. In field work/research project/dissertation paper, the supervisor will act as internal examiner.

1. The end semester examination in each semester will carry 70 marks. 30 marks shall be reserved for practical record and internal assessment
2. For semester 7 and 8, the field work, research project, dissertation will carry 100 marks and will be jointly evaluated by internal and external examiners. The field work, research project, distribution of marks will be as follows: Dissertation Report will be of 70 marks and remaining 30 marks will be awarded through viva-voce examination.

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BA I Year	BEC-C101: Principles of Microeconomics-I		Semester 1
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Recognize the scope and methodology of micro-Economics.</li> <li>• Classify the concepts of consumer behaviour such as cardinal and ordinal utility analysis.</li> <li>• Interpret the indifference curves, consumer equilibrium and price effect.</li> <li>• Estimate firm and industries' production function.</li> <li>• Assess different cost curve and revenue curve.</li> </ul>			
Unit 1	<p><b>INTRODUCTION:</b> Meaning of Economics, Micro- and Macro-economics, Positive and Normative Economics, Opportunity Cost, Different Types of Economies, Problem of scarcity and Choice, Central Problems of an Economy, Production Possibility Frontier.</p>		
Unit 2	<p><b>CONSUMER BEHAVIOUR:</b> Concept of Utility, Cardinal and Ordinal Utility, Law of Diminishing Marginal Utility, Diamond-Water Paradox, Income and Substitution effects, Consumer choice: Indifference curves, Budget Constraint, Derivation of Demand Curve from Indifference Curve and Budget Constraint.</p>		
Unit 3	<p><b>DEMAND:</b> Meaning of Demand, Law of Demand, Determinants of Demand, Shifts and Movements in a Demand Curve, Market demand, Price Elasticity of Demand, Calculating elasticity, Determinants of Price Elasticity of Demand, other elasticities.</p>		
Unit 4	<p><b>PRODUCER BEHAVIOUR:</b> Behaviour of Profit-maximising firms, Production process, Production functions, Law of Variable Proportions, Choice of technology, Isoquant and Isocost lines, Cost-minimizing equilibrium condition, Costs in the Short-run, Costs in the Long Run, Revenue and Profit maximizations, Minimizing losses, Short-run Industry Supply Curve, Economies and Diseconomies of Scale, Long-run Adjustments.</p>		
Unit 5	<p><b>SUPPLY:</b> Meaning of Supply, Law of Supply, Determinants of Supply, Shifts and Movements in a Supply Curve, Market Supply, Price Elasticity of Supply, Calculating elasticity, Determinants of Price Elasticity of Supply, other elasticities.</p>		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Karl E. Case and Ray C. Fair, Principles of Economics, Pearson Education Inc., 8<sup>th</sup> Edition, 2007.</li> <li>• N. Gregory Mankiw, Economics: Principles and Applications, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007.</li> <li>• Joseph E. Stiglitz and Carl E. Walsh, Economics, W.W. Norton &amp; Company, Inc., New York, International Student Edition, 4th Edition, 2007.</li> </ul>			

Sakuma

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BA I Year	BEC-C201: Principles of Microeconomics-II		Semester 2
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>Analyze the behavioural patterns of different economic agents under different forms of market</li> <li>Understand that decision-making process in different market situations such as perfect competition, monopolistic competition, monopoly, and oligopoly markets.</li> <li>Internalize the concept of general equilibrium, economic efficiency and market failure.</li> <li>Assess advance theoretical issues and practical applications of distribution theories.</li> </ul>			
Unit 1	<b>PERFECT COMPETITIVE MARKETS:</b> Assumptions: theory of a firm under perfect competition, Welfare: allocative efficiency under perfect competition.		
Unit 2	<b>MONOPOLY AND IMPERFECT COMEPTITION:</b> Concept of imperfect competition; short run and long run price and output decisions of a monopoly firm; concept of a supply curve under monopoly; comparison of perfect competition and monopoly, social cost of monopoly, price discrimination; remedies for monopoly: Antitrust laws, natural monopoly. Monopolistic competition: Assumptions, SR & LR price and output determinations under monopolistic competition, economic efficiency and resource allocation; oligopoly: assumptions, oligopoly models, game theory		
Unit 3	<b>MARKET EQUILIBRIUM:</b> Market adjustment to changes in demand, efficiency of perfect competition, Application of market equilibrium (floor and ceiling prices)		
Unit 4	<b>MARKET FAILURE:</b> Externalities, internalising externalities, public goods, imperfect information: adverse selection, moral hazard, social choice, government inefficiency		
Unit 5	<b>INCOME DISTRIBUTION AND FACTOR PRICING:</b> Input markets: demand for inputs; labour markets, land markets, profit maximisation condition in input markets, input demand curves, distribution of Income.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>Karl E. Case and Ray C. Fair, Principles of Economics, Pearson Education Inc., 8th Edition, 2007.</li> <li>N. Gregory Mankiw, Economics: Principles and Applications, India edition by South Western, a part of Cengage Learning, Cengage Learning India Private Limited, 4th edition, 2007.</li> <li>Joseph E. Stiglitz and Carl E. Walsh, Economics, W.W. Norton &amp; Company, Inc., New York, International Student Edition, 4th Edition, 2007.</li> </ul>			

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BA II Year	BEC-C301: Principles of Macroeconomics-I		Semester 3
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Recognize the domain of the macroeconomic branch in economics.</li> <li>• Explain and calculate national income and various concepts related to national income.</li> <li>• Relate factors determine national income such as consumption, saving and investment.</li> <li>• Understand the monetary approach to macroeconomic thought.</li> </ul>			
Unit 1	<b>INTRODUCTION:</b> What is macroeconomics? Macroeconomic issues in an economy		
Unit 2	<b>NATIONAL INCOME ACCOUNTING:</b> Concepts of GDP and National Income; measurement of national income and related aggregates; nominal and real income; limitations of the GDP concept.		
Unit 3	<b>DETERMINATION OF GDP:</b> Actual and potential GDP; aggregate expenditure; consumption function; investment function; equilibrium GDP; concepts of MPS, APS, MPC, APC; autonomous expenditure; Concept of multiplier.		
Unit 4	<b>NATIONAL INCOME DETERMINATION IN AN OPEN ECONOMY WITH GOVERNMENT:</b> Fiscal Policy: impact of changes in government expenditure and taxes; net exports function; net exports and equilibrium national income.		
Unit 5	<b>MONEY IN A MODERN ECONOMY:</b> Concept of money in a modern economy; monetary aggregates; demand for money; quantity theory of money; liquidity preference and rate of interest; money supply and credit creation; monetary policy.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Dornbusch, Fischer and Startz, Macroeconomics, McGraw Hill, 11th edition, 2010.</li> <li>• N. Gregory Mankiw. Macroeconomics, Worth Publishers, 7th edition, 2010.</li> <li>• Olivier Blanchard, Macroeconomics, Pearson Education, Inc., 5th edition, 2009.</li> <li>• Richard T. Froyen, Macroeconomics, Pearson Education Asia, 2nd edition, 2005.</li> <li>• Andrew B. Abel and Ben S. Bernanke, Macroeconomics, Pearson Education, Inc., 7th edition, 2011.</li> </ul>			

*Saxena*

*Am*

BA II Year	BEC-S301: Financial Economics		Semester 3
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Classify various assets on the basis of their specific profile.</li> <li>• Apply utility theory to describe and analyze investment or saving decisions.</li> <li>• Evaluate some basic models used to benchmark valuation of assets and derivatives.</li> <li>• Describe the concept of equilibrium asset pricing.</li> <li>• Understand the processes involved in corporate finance.</li> </ul>			
Unit 1	<b>DETERMINISTIC CASH-FLOW STREAMS:</b> Basic theory of interest; discounting and present value; fixed-income securities; bond prices and yields; spot rates and forward rates.		
Unit 2	<b>SINGLE-PERIOD RANDOM CASH FLOWS:</b> Random asset returns; portfolios of assets; portfolio mean and variance; feasible combinations of mean and variance; mean-variance portfolio analysis		
Unit 3	<b>CAPM:</b> The capital asset pricing model; the beta of an asset and of a portfolio; use of the CAPM model in investment analysis		
Unit 4	<b>OPTIONS AND DERIVATIVES:</b> Introduction to derivatives and options; forward and futures contracts; forward and future prices; option markets; call and put options; the principle of arbitrage		
Unit 5	<b>CORPORATE FINANCE:</b> Patterns of corporate financing: common stock; debt; preferences; corporate debt and dividend policy		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• David G. Luenberger, Investment Science, Oxford University Press, USA, 1997.</li> <li>• Thomas E. Copeland, J. Fred Weston and Kuldeep Shastri, Financial Theory and Corporate Policy, Prentice Hall, 4th edition, 2003.</li> <li>• Stephen A. Ross, Randolph W. Westerfield and Bradford D. Jordan, Fundamentals of Corporate Finance. McGraw-Hill, 7th edition, 2005.</li> <li>• Burton G. Malkiel, A Random Walk Down Wall Street, W.W. Norton &amp; Company, 2003.</li> <li>• William Sharpe, Gordon Alexander and Jeffery Bailey, Investments, Prentice Hall of India, 6th edition, 2003.</li> </ul>			

*Rkumar*

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BA II Year	BEC-S302: Emerging Areas in Economic Studies		Semester 3
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Understand the intricacy of health infrastructure through the lens of economics.</li> <li>• Appreciate the trends in gender-based studies of economic agency of women.</li> <li>• Recognize the role of economics in the environmental scenario.</li> <li>• Understand the importance of energy infrastructure and latest trends in the sector.</li> <li>• Develop a habit of processing the latest news using economic thought.</li> </ul>			
Unit 1	<b>HEALTH ECONOMICS:</b> Definition and Importance of Health Economics, Demand and Supply of pricing of Health Care, Delivery and Health care (public and private). WHO, National Health Policy —NRHM and Millennium Development Goals (VIDGs).		
Unit 2	<b>GENDER ECONOMICS:</b> Economic Role of Women in India, Contribution of Women in GNP, Valuation of Household Five Year Plans and women's development and economic empowerment. Concept of Economy. Gender Budgeting. Factors affecting decision making by women - Access to and control over economic resources.		
Unit 3	<b>ENVIRONMENTAL ECONOMICS:</b> Sustainable Development Cost of economic growth and development, Climate Change and Global warming: Implications for Food Security, Global Initiatives		
Unit 4	<b>ENERGY ECONOMICS:</b> Sources of Energy. Role of Energy in Economic Development. Demand — Supply Gap. Environment Energy Crisis: causes - Consequences and Remedial Measures. Carbon Credit and Trading, Clean Development Mechanism (CDM). Economic Importance of Non-Renewable Energy		
Unit 5	<b>CURRENT TRENDS IN WORLD ECONOMY:</b> Bad banks, Trends in global political economy.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Meier, G.M. and J.E. Rauch (2007), Leading Issues in Economic Development, Oxford University Press, New Delhi.</li> <li>• Charles Phelps, Health Economics.</li> <li>• National Institute of Public Finance and Policy (NIPFP); Gender Budgeting in India, <a href="http://www.nipfp.org.in">www.nipfp.org.in</a>.</li> <li>• UNDP - Human Development Reports.</li> <li>• Lekha Chakraborti: Invisibility of Women's Work in Budgeting.</li> </ul>			

*Sukumar*

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BA II Year	BEC-C401: Principles of Macroeconomics-II		Semester 4
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Relate factors determine national income such as consumption, saving and investment.</li> <li>• Interpret macroeconomic issues such as money, foreign exchange, inflation, unemployment, economic growth, and foreign trade.</li> <li>• Understand the components of balance of payments maintained in the economy.</li> <li>• Identify the nature of foreign exchange markets.</li> <li>• Recognize the various exchange rate regimes that have evolved over time.</li> </ul>			
Unit 1	<p><b>IS-LM ANALYSIS:</b> Derivations of the IS and LM functions; IS-LM and aggregate demand; shifts in the AD curve.</p>		
Unit 2	<p><b>GDP AND PRICE LEVEL IN SHORT RUN AND LONG RUN:</b> Aggregate demand and aggregate supply; multiplier Analysis with AD curve and changes in price levels; aggregate supply in the SR and LR.</p>		
Unit 3	<p><b>INFLATION AND UNEMPLOYMENT:</b> <b>Concept</b> of inflation; determinants of inflation; relationship between inflation and unemployment: Phillips Curve in short run and long run.</p>		
Unit 4	<p><b>BALANCE OF PAYMENTS:</b> Balance of trade, Balance of payments: current account and capital account, autonomous and accommodating items.</p>		
Unit 5	<p><b>EXCHANGE RATE:</b> Market for foreign exchange; types of exchange rate regimes, determination of exchange rate.</p>		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Errol D'Souza, Macroeconomics, Pearson Education, 2009.</li> <li>• Paul R. Krugman, Maurice Obstfeld and Marc Melitz, International Economics, Pearson Education Asia, 9th edition, 2012.</li> <li>• Case, Karl E. &amp; Ray C. Fair, Principles of Economics, Pearson Education, Inc., 8th edition, 2007.</li> <li>• Sikdar, Shoumyen, Principles of Macroeconomics, 2nd Edition, Oxford University Press, India</li> </ul>			

*Sakumar*

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BA II Year	BEC-S401: Data Analysis		Semester 4
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Demonstrate the role of quantitative techniques in the field of business/industry.</li> <li>• Classify data on the basis of its source and nature.</li> <li>• Apply concepts that identify relationships between two or more variables.</li> <li>• Interpret the meaning of various population parameters</li> <li>• Understand the nature and purpose of index numbers</li> </ul>			
Unit 1	<b>SOURCES OF DATA:</b> Population census versus sample surveys. Sampling methods.		
Unit 2	<b>UNIVARIATE FREQUENCY DISTRIBUTIONS:</b> Measures of central tendency: Mean median and mode; arithmetic, geometric and harmonic mean. Measures of dispersion, skewness and kurtosis.		
Unit 3	<b>BIVARIATE FREQUENCY DISTRIBUTIONS:</b> Correlation and regression. Rank correlation.		
Unit 4	<b>ESTIMATION OF POPULATION PARAMETERS FROM SAMPLE DATA:</b> Unbiased estimators for population mean and variance.		
Unit 5	<b>BASICS OF INDEX NUMBERS:</b> Introduction to index numbers, price and quantity index numbers.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• P.H. Karmel and M. Polasek (1978), Applied Statistics for Economists, 4th edition, Pitman.</li> <li>• M.R. Spiegel (2003), Theory and Problems of Probability and Statistics (Schaum Series).</li> </ul>			

Skumar

Dev

BA II Year	BEC-S402: Comparative Economic Development		Semester 4
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Investigate selected issues in comparative historical perspective and the first few decades of the 20th century.</li> <li>• Recognize the diverse trajectories and patterns of growth among nations.</li> <li>• Compare the outcomes of these diverse trajectories on sectoral change, inter-sectoral relations, labour processes and industrial relations.</li> <li>• Assess the role of the state in facilitating the respective trajectories.</li> </ul>			
Unit 1	<p><b>INTRODUCTION AND PERSPECTIVE ON COMPARITIVE ECONOMIC DEVELOPMENT:</b> Introduction, need, and scope of comparative economic development, Key criteria for comparison of development.</p>		
Unit 2	<p><b>ECONOMIC DEVELOPMENT OF SELECTED COUNTRIES:</b> An overview of India and its neighbours.</p>		
Unit 3	<p><b>INTER-SECTORAL COMPARISON OF SELECTED COUNTRIES:</b> Agrarian surplus and the role of the peasantry in economic development. Patterns of industrial development. Development of service sector.</p>		
Unit 4	<p><b>THE FACTORY SYSTEM AND MAKING OF THE INDUSTRIAL WORKING CLASS:</b> Division of labour, structure of industrial authority, organisation of work and industrial production, relationship between workers and managers.</p>		
Unit 5	<p><b>THE ROLE OF THE STATE IN INDUSTRIAL AND DEVELOPMENTAL TRANSITION:</b> The industrial revolution; Industrialisation in late industrialisers.</p>		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Peter Mathias, The First Industrial Nation, An Economic History of Britain, 1700- 1914. 2nd edition Methuen, 1983.</li> <li>• Dobb M., Soviet Economic Development Since 1917, Universal Book Stall, New Delhi, 1995.</li> <li>• Timothy W. Guinnane, 2002, —Delegated Monitors, Large and Small: Germany's banking System, 1800 –1914, Journal of Economic Literature, Volume XL:73-124.</li> <li>• Richard A. Easterlin, Davis and Parker, American Economic Growth: An economist's History of the United States, Harper &amp; Row, 1972.</li> </ul>			

*Sakima*

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BA III Year	BEC-E501: Discipline Specific Elective (Economic Development Policy of India-I)		Semester 5
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>Review major trends in aggregate economic indicators in India.</li> <li>Assess the multi-faceted nature of the Indian economy.</li> <li>Comprehend the major policy debates in India in the post- Independence period.</li> </ul>			
Unit 1	<b>ISSUES IN GROWTH, DEVELOPMENT AND SUSTAINABILITY:</b> Definitions of key terms, growth vs. development, important organizations, reports and indicators.		
Unit 2	<b>FACTORS IN DEVELOPMENT:</b> Capital formation (Physical and Human); technology; institutions.		
Unit 3	<b>POPULATION AND ECONOMIC DEVELOPMENT:</b> Demographic trends; urbanisation.		
Unit 4	<b>EMPLOYMENT:</b> Occupational structure in the organised and the unorganised sectors; open-, under- and disguised unemployment (rural and urban); employment schemes and their impact.		
Unit 5	<b>INDIAN DEVELOPMENT EXPERIENCE:</b> Critical evaluation of growth, inequality, poverty and competitiveness, pre and post reforms era; savings and investment; mobilisation of internal and external finance; monetary and fiscal policies; centre-state financial relations.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>Jean Dreze and Amartya Sen, Jean Dreze and Amartya Sen, 2013. An Uncertain Glory: India and its Contradictions, Princeton University Press.</li> <li>Rakesh Mohan, 2008, Growth Record of Indian Economy: 1950-2008. A Story of Sustained Savings and Investment, Economic and Political Weekly, May.</li> <li>Himanshu, 2011. Employment Trends in India: A Re-examination, Economic and Political Weekly, September.</li> <li>Uma Kapila, Indian Economy since Independence, Academic Foundation, 19th edition (2009).</li> <li>Kaushik Basu and A. Maertens, eds, 2013, The New Oxford Companion to Economics, Oxford University Press.</li> </ul>			

*Rajman*

*Jan*



BA III Year	BEC-E502: Discipline Specific Elective (Money and Banking)		Semester 5
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Understand the theory and functioning of the monetary and financial sectors of the economy.</li> <li>• Recognize the organization, structure and role of financial markets and institutions.</li> <li>• Assess the efficacy of tools like interest rates, monetary management and instruments of monetary control.</li> <li>• Comprehend various financial and banking sector reforms and monetary policy with special reference to India.</li> </ul>			
Unit 1	<b>MONEY:</b> Concept, functions, measurement; theories of money supply determination.		
Unit 2	<b>FINANCIAL INSTITUTIONS, MARKETS, INSTRUMENTS, AND FINANCIAL INNOVATIONS:</b> Role of financial markets and institutions; financial crises, money and capital markets: organization, structure and reforms in India; role of financial derivatives and other innovations.		
Unit 3	<b>INTEREST RATES:</b> Determination; sources of interest rate differentials; theories of term structure of interest rates; interest rates in India.		
Unit 4	<b>BANKING SYSTEM:</b> Balance sheet and portfolio management, Indian banking system: Changing role and structure; banking sector reforms.		
Unit 5	<b>CENTRAL BANKING AND MONETARY POLICY:</b> Functions, balance sheet; goals, targets, indicators and instruments of monetary control; monetary management in an open economy; current monetary policy of India.		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• F. S. Mishkin and S. G. Eakins, Financial Markets and Institutions, Pearson Education, 6th edition, 2009.</li> <li>• F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, Foundations of Financial Markets and Institutions, Pearson Education, 3rd edition, 2009.</li> <li>• Rakesh Mohan, Growth with Financial Stability- Central Banking in an Emerging Market, Oxford University Press, 2011.</li> <li>• L. M. Bhole and J. Mahukud, Financial Institutions and Markets, Tata McGraw Hill, 5th edition, 2011.</li> <li>• N. Jadhav, Monetary Policy, Financial Stability and Central Banking in India, Macmillan, 2006.</li> </ul>			

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BA III Year	BEC-E503: Discipline Specific Elective (Environmental Economics)		Semester 5
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Understand concepts, methods and policy options in managing the environment using tools of economic analysis.</li> <li>• Assess different approaches to adjusting behaviour through economic institutions such as markets and incentives as well as through regulation, etc.</li> <li>• Comprehend the various perspectives on sustainability in its conceptual and practical form</li> </ul>			
Unit 1	<b>INTRODUCTION:</b> Key environmental issues and problems, economic way of thinking about these problems, basic concepts from economics; Pareto optimality and market failure in the presence of externalities; property rights and other approaches.		
Unit 2	<b>ENVIRONMENTAL POLICY DESIGN:</b> Overview, Coase Theorem, Pigouvian taxes and effluent fees, tradable permits.		
Unit 3	<b>IMPLEMENTATION OF ECONOMIC POLICY:</b> Implementation of environmental policies in India and international experience; transboundary environmental problems; economics of climate change.		
Unit 4	<b>ENVIRONMENTAL VALUATION METHODS AND APPLICATIONS:</b> Valuation of non-market goods and services - theory and practice; measurement methods; cost-benefit analysis of environmental policies and regulations.		
Unit 5	<b>SUSTAINABLE DEVELOPMENT:</b> Concepts; measurement; perspectives from Indian experience.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Roger Perman, Yue Ma, Michael Common, David Maddison and James McGilvray, "Natural Resource and Environmental Economics", Pearson Education/Addison Wesley, 4th edition, 2011.</li> <li>• Charles Kolstad, "Intermediate Environmental Economics", Oxford University Press, 2nd edition, 2010.</li> <li>• Robert Solow, "An Almost Practical Step toward Sustainability," Resources for the Future 40th anniversary lecture, 1992.</li> <li>• Kenneth Arrow et al., "Are We Consuming Too Much?" Journal of Economic Perspectives, 18(3): 147-172, 2004.</li> <li>• IPCC (Intergovernmental Panel on Climate Change), Assessment Report (latest).</li> </ul>			

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BA III Year	BEC-S501: Economy of Uttarakhand		Semester 5
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>Assess the status, features and challenges of the economy of Uttarakhand.</li> <li>Recognize issues with agriculture in the state of Uttarakhand.</li> <li>Identify opportunities in various sectors of the Uttarakhand economy.</li> <li>Understand the potential of service sector in the local economy.</li> </ul>			
Unit 1	<b>INTRODUCTION:</b> Nature, Features, Demographic Profile, Status of Natural Resources, Major Factors affecting growth and development in Uttarakhand		
Unit 2	<b>SECTORAL GROWTH PATTERN OF UTTARAKHAND:</b> Economic growth in Uttarakhand and Indian economy; Infrastructural development of Uttarakhand.		
Unit 3	<b>AGRICULTURE IN UTTARAKHAND:</b> Pattern of land-holding and irrigation; production and productivity in agriculture, Farm mechanization, Crop diversification, agricultural credit, Agricultural policy and strategies in Uttarakhand, Rural Development		
Unit 4	<b>INDUSTRY IN UTTARAKHAND:</b> Problems and Policies. Major industries in Uttarakhand, Pattern of Industrial Development in Uttarakhand, Industrial Policy in Uttarakhand.		
Unit 5	<b>SERVICE SECTOR IN UTTARAKHAND:</b> Growth pattern of Services sector and Its linkages of other sectors of Uttarakhand Economy		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>Relevant reports of DIRECTORATE OF ECONOMICS &amp; STATISTICS, PLANNING DEPARTMENT, GOVERNMENT OF UTTARAKHAND</li> </ul>			

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BA III Year	BEC-S502: Economic Systems		Semester 5
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Develop a clear understanding of the working of different economic systems.</li> <li>• Identify problems and strengths in each type of economic system.</li> <li>• Understand the evolution of the different economic systems over time.</li> </ul>			
Unit 1	<b>INTRODUCTION TO ECONOMIC SYSTEMS:</b> Nature, Scope and Importance of the study of Economic Systems: The economy as a system. Definitions of an Economic system. Functions of an economic system.		
Unit 2	<b>KINDS OF ECONOMIC SYSTEMS:</b> Broad features of Primitive Communism, Feudalism, Mercantilism, Capitalism, Socialism, communism and Mixed economy. Mode of Production.		
Unit 3	<b>CAPITALISM:</b> Evolution of Capitalism: Laissez-faire capitalism, Welfare capitalism, Regulated capitalism, Industrial capitalism, Capitalism and Technological Progress, Achievements and failures of capitalism.		
Unit 4	<b>SOCIALISM:</b> Evolution of Socialism: Types of Socialism: Utopian Socialism, Marxian Socialism (Theory of Social Change), Market Socialism and Decentralisation.		
Unit 5	<b>MIXED ECONOMIC SYSTEM:</b> Mixed Economies and their Problems: Characteristics — Role of Public Sector in India — Factors Responsible for Privatisation in India — Globalisation and its Impact on Indian Economy.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Desai, S.S.M., (1982), Economic Systems, Himalaya Publishing House, Bombay</li> <li>• Halm, George N., (1968), Economic Systems, Oxford &amp; IBH Publishing Co., New Delhi</li> <li>• Sen, K.K., (1994), Comparative Economics Systems, Sultan Chand &amp; Sons, New Delhi</li> <li>• Grossman, Gregory, (1978), Economic Systems, Prentice Hall, New Delhi.</li> </ul>			

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BA III Year	BEC-G501: Introduction to Indian Economy - I		Semester 5
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Get acquainted with basic features of Indian Economy.</li> <li>• Calculate National Income and other related measures.</li> <li>• Critically examine the sectors of economy and their respective role.</li> <li>• Identify the state of planning of contemporary Indian economy.</li> </ul>			
Unit 1	<b>INTRODUCTION:</b> Features and Causes of Underdevelopment of the Indian Economy, Liberalization, Privatization and Globalization: An Appraisal		
Unit 2	<b>NATIONAL INCOME:</b> Basic Definitions of GDP, GNP, NNP, Per-capita Income, GNP Deflator, Trend, Estimation and distribution of National Income.		
Unit 3	<b>AGRICULTURE:</b> Problems of Indian Agriculture, Land reforms, Green Revolution, Causes of Low Productivity, Problems of Agricultural Finance.		
Unit 4	<b>INDUSTRY:</b> Role of Cottage, Small Scale and Large Scale Industries, Major obstacles of industrial progress, Industrial Sickness, Overall progress of industrialization since 1951.		
Unit 5	<b>ECONOMIC PLANNING:</b> Meaning of Economic Planning. Important features of Indian Plans, Planning process in India, Objectives of economic planning, Targets and Achievement of Indian Plans		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• U. Kapila (2010): Indian economy since Independence. Academic Foundation, New Delhi</li> <li>• S. K. Misra and V. K. Puri (Latest Year): Indian Economy — Its Development Experience, Himalaya Publishing House, Mumbai</li> <li>• S. Chakraborty (): Development Planning: The Indian Experience. Clarendon Press.</li> <li>• R. Dutt and K. P. M, Sundharam (Latest Year): Indian Economy, S. Chand &amp; Company Ltd., New Delhi.</li> <li>• A. Panagariya (2008): India: the Emerging Giant, Oxford University Press, New York</li> </ul>			

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BA III Year	BEC-E601: Discipline Specific Elective (Economic Development Policy of India-II)		Semester 6
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Interpret policy decisions and assess their suitability in specific situations.</li> <li>• Compare sectoral performance across the three sectors of Indian economy.</li> <li>• Identify the trends in contemporary foreign trade.</li> </ul>			
Unit 1	<b>MACROECONOMIC POLICIES AND THEIR IMPACT:</b> Fiscal Policy; trade and investment policy; financial and monetary policies; labour regulation.		
Unit 2	<b>AGRICULTURE - POLICIES AND PERFORMANCE:</b> Production and productivity; credit; labour; markets and pricing; land reforms; regional variations.		
Unit 3	<b>INDUSTRY - POLICIES AND PERFORMANCE:</b> Production trends; small scale industries; public sector; foreign investment.		
Unit 4	<b>SERVICES - POLICIES AND PERFORMANCE:</b> Production trends; role in employment and GDP		
Unit 5	<b>FOREIGN TRADE: TRENDS AND POLICIES:</b> Balance of trade and balance of payments; India and the World Trade Organisation.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Uma Kapila, Indian Economy since Independence, Academic Foundation, 19th edition (2009).</li> <li>• Government of India, Economic Survey (latest)</li> <li>• Government of India, Five Year Plan (latest)</li> </ul>			

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BA III Year	BEC-E602: Discipline Specific Elective (Economic History of India (1857-1947))		Semester 6
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>Analyse key aspects of Indian economic development during the second half of British colonial rule.</li> <li>Identify the place of the Indian economy in the wider colonial context.</li> <li>Assess the mechanisms that linked economic development in India to the compulsions of colonial rule.</li> </ul>			
Unit 1	<b>INTRODUCTION:</b> Colonial India: Background and Introduction, Overview of colonial economy		
Unit 2	<b>MACRO TRENDS:</b> National Income, Population, Occupational Structure.		
Unit 3	<b>AGRICULTURE:</b> Agrarian structure and land relations; agricultural markets and institutions – credit, commerce and technology; trends in performance and productivity; famines.		
Unit 4	<b>RAILWAY AND INDUSTRY:</b> Railways; the de-industrialisation debate; evolution of entrepreneurial and industrial structure; nature of industrialisation in the interwar period; constraints to industrial breakthrough; labor relations.		
Unit 5	<b>ECONOMY AND STATE IN THE IMPERIAL CONTEXT:</b> The imperial priorities and the Indian economy; drain of wealth; international trade, capital flows and the colonial economy – changes and continuities; government and fiscal policy.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>Tirthankar Roy, The Economic History of India 1857-1947, Oxford University Press, 3rd edition, 2011.</li> <li>J. Krishnamurty, Occupational Structure, Dharma Kumar (editor), The Cambridge Economic History of India, Vol. II, (henceforth referred to as CEHI), 2005, Chapter 6.</li> <li>Irfan Habib, Indian Economy 1858-1914, A People's History of India, Vol.28, Tulika, 2006.</li> <li>MD Morris, Emergence of an Industrial Labour Force in India, OUP 1965, Chapter 11, Summary and Conclusions.</li> <li>B.R. Tomlison, 1975, India and the British Empire 1880-1935, IESHR, Vol.XII.</li> </ul>			

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BA III Year	BEC-E603: Discipline Specific Elective (Public Finance)		Semester 6
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Interpret government policy from the points of view of economic efficiency and equity.</li> <li>• Demonstrate the role of government to correct market failures and possible advantage of public financing.</li> <li>• Assess the implications of government intervention on allocation, distribution and stabilization through a formal analysis of government taxation and expenditures.</li> <li>• Understand the possible burden, benefits and distribution of various types of taxes among various classes of people, know the general trend and impact on general welfare</li> </ul>			
Unit 1	<b>FISCAL FUNCTIONS:</b> Fiscal functions: an overview		
Unit 2	<b>MARKET FAILURE:</b> Public Goods: definition, models of efficient allocation, pure and impure public goods, free riding. Externalities: the problem and its solutions, taxes versus regulation, property rights, the Coase theorem.		
Unit 3	<b>TAXATION:</b> Economic effects; dead weight loss and distortion, efficiency and equity considerations, tax incidence, optimal taxation.		
Unit 4	<b>DEFICITS AND PUBLIC DEBT:</b> Budget, importance of budgets, types of budgets, deficits and public debt		
Unit 5	<b>FISCAL FEDERALISM IN INDIA:</b> Tax System of India: structure and reforms, Fiscal federalism in India		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• R.A. Musgrave and P.B. Musgrave, Public Finance in Theory &amp; Practice, McGraw Hill Publications, 5th edition, 1989.</li> <li>• John Cullis and Philip Jones, Public Finance and Public Choice, Oxford University Press, 1st edition, 1998.</li> <li>• Harvey Rosen, Public Finance, McGraw Hill Publications, 7th edition, 2005.</li> <li>• Shankar Acharya, 2005, —Thirty Years of Tax Reform in India, Economic and Political Weekly, May 14-20.</li> <li>• Economic Survey, Government of India (Latest).</li> <li>• State Finances: A Study of Budgets, Reserve Bank of India (Latest).</li> </ul>			

*Saxuma*

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BA III Year	BEC-S601: Entrepreneurship and Small Business Development		Semester 6
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Formulate the basic knowledge and processes involved in starting new ventures.</li> <li>• Critically assess the planning of projects and various techniques involved.</li> <li>• Prepare various reports highlighting the feasibility and performance of businesses and projects.</li> <li>• Identify various requirements in the functioning of small businesses.</li> <li>• Interpret the knowledge of institutions that are helpful for development of small business.</li> </ul>			
Unit 1	<b>ESTABLISHING A SMALL ENTERPRISE:</b> The start up process, project identification, selection of the product, project formulation		
Unit 2	<b>REPORTING ON PROJECT PROGRESS:</b> Project Report Preparation; Specimen of Project Report, assessment of project feasibility, analysis of project		
Unit 3	<b>PLANNING AND SCHEDULING TECHNIQUES:</b> Project Planning and Scheduling using Networking Techniques of PERT / CPM preparation of project report, selection of site/location and legal considerations		
Unit 4	<b>SMALL ENTERPRISES AND ENTERPRISE LAUNCHING:</b> Definition of Small Scale; Rationale; Objective; Scope; SSI; Registration; NOC from Pollution Board; Machinery and Equipment Selection		
Unit 5	<b>ROLE OF SUPPORT INSTITUTIONS AND MANAGEMENT OF SMALL BUSINESSES:</b> Director of Industries; DIC; SIDO; SIDBI; Small Industries Development Corporation (SIDC); SISI; NSIC; NISBUD; State Financial Corporation SIC.		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Desai, Vasant (2003). Small-Scale Industries and Entrepreneurship. Himalaya Publishing House, Delhi.</li> <li>• Kaulgud, Aruna (2003). Entrepreneurship Management. Vikas Publishing House, Delhi.</li> <li>• Cynthia, L. Greene (2004). Entrepreneurship Ideas in Action. Thomson Asia Pvt. Ltd., Singapore.</li> </ul>			

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BA III Year	BEC-S602: Economics of Rural Development		Semester 6
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	4
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Understand the nature and cause of problems of India's rural economy.</li> <li>• Analyze the various dynamics of work and employment in the rural economy of India.</li> <li>• Evaluate various measures of the government in tackling socio-economic problems of unemployment and poverty.</li> <li>• Appraise the various sources of credit in the rural economy as well as their complications.</li> <li>• Identify the various institutions operating at the rural level towards building the required infrastructure.</li> </ul>			
Unit 1	<p><b>INTRODUCTION OF RURAL ECONOMY:</b> Characteristics of rural economy, Social Aspects of India's Rural Areas, Barter System, Non-monetized Sector, Economic Characteristics Land and Asset Distribution. Agricultural Income, Vagaries of Monsoon, Agricultural Marketing, Agricultural Price Policy, Farm and Non-farm Income, Marketed and Marketable Surplus</p>		
Unit 2	<p><b>UNEMPLOYMENT:</b> Rural Unemployment: Types and Magnitude, Agricultural Labour, Marginal Productivity. Agricultural Wages, Wage Fixation: Minimum Wages Act. Rural Employment programmes, Employment Guarantee Act: MGNREGA</p>		
Unit 3	<p><b>POVERTY:</b> Rural Poverty: Nature, Trends, Causes and Consequences. Poverty Alleviation Programmes of Government.</p>		
Unit 4	<p><b>RURAL INDEBTEDNESS:</b> Meaning of rural indebtedness, Rural Finance, Causes and magnitude of rural indebtedness, Sources of rural credit, Organized and unorganized, Money lenders, Indigenous Bankers, Co-operatives, Commercial Banks, Regional Rural Banks — NABARD.</p>		
Unit 5	<p><b>DECENTRALISATION, INFRASTRUCTURE AND RURAL MARKETING:</b> Critical evaluation of Panchayati Raj Institutions in rural development. Rural Infrastructure, Rural Industrialization. Agro-based Industries. Cooperative societies, Rural Marketing. Cooperative Marketing. Role of Self Help Groups.</p>		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• I . Dhingra I.C., The Indian Economy, Sultan Chand, New Delhi, 2010.</li> <li>• Agarwal A.N., Kundan Lal, Rural Economy of India, Vikas, Delhi, 1990.</li> <li>• Singh, Katar. Rural Development — Principles, Policies and Management, Sage Publications. New Delhi</li> <li>• Reddy, Venkata, K. : Agriculture and Rural Development (A Gandhian Perspective), Himalaya Publishing House.</li> <li>• Sundaram, Satya, I. : Rural Development, Himalaya Publishing</li> </ul>			

*Sundaram*

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BA III Year	BEC-G601: Introduction to Indian Economy - II		Semester 6
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Develop ideas of the basic demographic characteristics of Indian economy.</li> <li>• Understand the importance, causes and impact of population growth and its distribution, and translate and relate them with economic development.</li> <li>• Evaluate the role of various institutions operating in the fields of public finance and banking.</li> <li>• Compare and critique the theoretical and practical working of various tax regimes.</li> <li>• Appraise the evolution of foreign trade in India since 1991 reforms.</li> </ul>			
Unit 1	<b>DEMOGRAPHY AND POVERTY:</b> Demographic Features of the Indian Economy: Meaning of population explosion, size and growth of Indian population, Problem of over population, Poverty: Causes, Unemployment: Types & Pattern and Inequality.		
Unit 2	<b>PUBLIC FINANCE:</b> Revenue and Expenditures of the Central and State Governments, Centre- State Financial relations, Features of Indian Tax Structure, Some Important taxes, Problems of Public Debt, and Deficit Financing.		
Unit 3	<b>BANKING:</b> Structure of Indian Money Market, Banking Structure, Role and Functions of RBI and Commercial Banks, Credit Control Policy and Monetary Policy.		
Unit 4	<b>TAXATION IN INDIA:</b> Nature and evolution of taxation regime in India, GST and its relevance.		
Unit 5	<b>FOREIGN TRADE:</b> Composition, Volume and Direction in the post liberalization period, Balance of Payment, Recent Trade Policies and Currency Devaluation and its effects.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• U. Kapila (2010): Indian economy since Independence. Academic Foundation, New Delhi</li> <li>• S. K. Misra and V. K. Puri (Latest Year): Indian Economy — Its Development Experience, Himalaya Publishing House, Mumbai</li> <li>• S. Chakraborty (): Development Planning: The Indian Experience. Clarendon Press.</li> <li>• R. Dutt and K. P. M, Sundharam (Latest Year): Indian Economy, S. Chand &amp; Company Ltd., New Delhi.</li> <li>• A. Panagariya (2008): India: the Emerging Giant, Oxford University Press, New York</li> </ul>			

*J. Kumar*

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BA IV Year	BEC-C701: Agricultural Development in India		Semester 7
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Understand the nature and primacy of agriculture in the Indian economy.</li> <li>• Evaluate the policy stance of the government for the agricultural sector and appraise the various reforms since Independence.</li> <li>• Identify challenges faced by the people involved in agriculture with a special focus on access to credit.</li> <li>• Classify various types of agricultural reforms along with assessing the scope of future policy-making.</li> </ul>			
Unit 1	<p><b>WTO AND INDIAN AGRICULTURE:</b> Agricultural Imports and Exports, Agricultural Export-Import Policies, history and recent changes, Agreement on Agriculture under WTO, Impact of WTO on Agriculture, Problems of Agricultural exports-imports</p>		
Unit 2	<p><b>AGRICULTURAL PRICE POLICY OF INDIA:</b> Its role in Green Revolution, Functions of CACP, PDS and FCI, Evaluation of Agricultural Price Policy in India, Agricultural Price Policy under the New Economic Policy.</p>		
Unit 3	<p><b>AGRICULTURAL CREDIT IN INDIA:</b> Organized and unorganized Credit Markets, Cooperative credit, Role of commercial banks, Evaluation of agricultural credit in India.</p>		
Unit 4	<p><b>INDIAN AGRICULTURAL PROBLEMS:</b> Inputs for Indian agriculture, Agriculture Input subsidy, Irrigation policy- user charges, Recent Agricultural Problems in India</p>		
Unit 5	<p><b>STRATEGY FOR AGRICULTURAL DEVELOPMENT:</b> Institutional reforms vs. Technological change, Green Revolution: Progress and present problems, Trends in investment in Agriculture, Issues in Agricultural Taxation, Impact of agricultural development</p>		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Bhaduri, A. (1984), The Economic Structure of Backward Agriculture, Macmillan, Delhi.</li> <li>• Bhalla G.S and Gurnail Singh (2001) , Indian Agriculture, Sage Publishers, New Delhi</li> <li>• Chakravarty S (1987) : Development Planning , The Indian Experience, Oxford University Press, New Delhi.</li> <li>• Karmakar K.G (1999), Rural Credit and Self Help Groups, Sage Publications, NewDelhi.</li> <li>• Rao, C. H. Hanumantha (1994), Agricultural Growth, Rural PovertyAnd Environmental Degradation in India, Oxford University Press, New Delhi.</li> </ul>			

*SKumar*

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BA IV Year	BEC-C702: Labour Economics		Semester 7
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Interpret the theoretical framework and models that explain labour participation.</li> <li>• Examine the factors affecting supply and demand of labour along with factor pricing.</li> <li>• Classify the various types of labour markets.</li> <li>• Explain models that deal with unemployment and wages.</li> <li>• Evaluate the relationship between wages and the forms of market.</li> </ul>			
Unit 1	<p><b>SUPPLY OF LABOUR:</b> Supply of labour by an individual, by a household to an economy, A Household model of labour supply, A bargaining model of family labour supply, Changes in work participation over time: The decline in male participation rates; the increase in female participation rates.</p>		
Unit 2	<p><b>DEMAND FOR LABOUR:</b> The individual firm's demand for labour in the short run, the individual firm's demand for labour in the long run, Industry demand for labour, Elasticity of demand for labour.</p>		
Unit 3	<p><b>THE LABOUR MARKET:</b> Definition of the labour market, Differences between Labour Markets and Commodity Markets, Labour Market Structure, Structured Labour markets, Unstructured Labour Markets, Internal and External Labour markets, Primary and Secondary Labour Markets.</p>		
Unit 4	<p><b>EMPLOYMENT:</b> Types of unemployment, The measurement of unemployment, Causes of unemployment, Job Search (The Stigler model, The McCall model), Rigid wages, Efficiency wages.</p>		
Unit 5	<p><b>WAGE DETERMINATION:</b> Wage determination in a perfectly competitive market, Wage determination in a Monopsony market, Minimum wage in a perfectly competitive market, Minimum wage in a monopsony market, The minimum wage and efficiency wage theory.</p>		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Basu Kaushik, (Ed.)(2002), International Labour Standards: History, Theories and Policy Options, Wiley-Blackwell</li> <li>• Kaufman B.E. and Hotchkiss J.L.(2006), Labour Market Economics, Cengage Learning, India.</li> <li>• McConnell, C.R. and S.L.Brue and Macpherson, (2010), Contemporary Labour Economics, McGraw Hill Irwin, New York</li> <li>• Sloane Peter et al (2012), Modern Labour Economics, Routledge, U.S.A.</li> </ul>			

*J. Kumar*

*Dr.*

BA IV Year	BEC-C703: International Trade and Globalisation		Semester 7
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Understand the theoretical framework that deals with international trade behaviour.</li> <li>• Identify the relationship between economic growth and international trade.</li> <li>• Evaluate the effectiveness of various barriers to free trade.</li> <li>• Appraise the role of movement of capital across borders in development of an economy.</li> <li>• Evaluate the structure and functioning of WTO and UNCTAD along with their importance to the Indian trade paradigm.</li> </ul>			
Unit 1	<b>TRADE THEORIES:</b> Heckscher Ohlin Model and factor endowments, Factor price equalisation, Stolper Samuelson Theorem, Leontief paradox. Product life cycle, Intra-industry trade, Imperfect competition and trade, Reciprocal dumping model.		
Unit 2	<b>ECONOMIC GROWTH AND INTERNATIONAL TRADE:</b> Growth of factors of production, progress and international trade, Effects of growth on trade, immiserising growth, International trade and growth: Dynamic models- trade and development		
Unit 3	<b>COMMERCIAL POLICY:</b> Tariff: Economic effects of tariff, Tariff structure, Effective rate of protection, Optimum tariff, Various Non-Tariff measures, Economic effects of quota, Dumping and anti-dumping regulations		
Unit 4	<b>FACTOR MOVEMENTS:</b> Welfare effects of international labour and capital movements, Foreign Direct Investment (FDI), Foreign Institutional Investment (FII), Financial Globalization, Capital movements to developing countries, International labour migration.		
Unit 5	<b>WTO AND TRADE LIBERALIZATION:</b> WTO Structure and constitution, Agriculture, industry, services and labour under WTO, UNCTAD functions and role, UNCTAD and developing countries, Trends in Global trade in goods and services		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Bardhan, Pranab (2003), International Trade, Growth and Development, Blackwell Publishing, USA.</li> <li>• Salvatore, Dominic (2007) International Economics, Macmillan, Singapore</li> <li>• Sodersten Bo and Geoffery Reed(1994), International Economics, Macmillan , London.</li> <li>• Srinivasan.T.N. and Suresh D.Tendulkar(2001), India in the World Economy, Institute for International Economics, New York</li> <li>• Thompson, Henry (2010) International Economics, Cambridge University Press India, New Delhi</li> </ul>			

*Pranab*

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BA IV Year	BEC-C801: Theories of Economic Growth		Semester 8
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Understand the importance of capital in generation of growth.</li> <li>• Critically evaluate various growth theories, their assumptions as well as their implications.</li> <li>• Compare the differences in conclusions of various economic theories from different schools of thought.</li> <li>• Assess the suitability of a guiding growth theory for any economy at a particular state of development.</li> </ul>			
Unit 1	<b>CAPITAL AND TECHNICAL PROGRESS:</b> The role of capital in development, The Capital-Output Ratio, Capital and Labour Saving Technical Progress, Harrod and Hicks' classification of technical progress, Investment in Human Capital.		
Unit 2	<b>CLASSICAL THEORIES OF GROWTH:</b> Adam Smith, Ricardo, Malthus, Marx, Schumpeter, The Production Process, Schumpeter's view of the system, Growth and development of an economy, Business fluctuations and the Process of Development.		
Unit 3	<b>KEYNESIAN THEORY OF GROWTH:</b> Harrod-Domar Model, The conditions required for steady growth, Domar's model of economic growth, Harrod's model of economic growth, Comparison of the two models, Critical evaluation of the Harrod-Domar models.		
Unit 4	<b>NEOCLASSICAL THEORY OF GROWTH:</b> Solow-Meade, Issues of Stability, Exogenous technical progress and population growth		
Unit 5	<b>CAMBRIDGE MODELS OF GROWTH:</b> Joan Robinson – assumptions, structure of the model, the golden age, various types of golden and platinum age, critical evaluation of the model, Kaldor's model		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Lucas, Robert E (2002), Lectures on Economic Growth, OUP, New Delhi.</li> <li>• Sen, A. (1990) (ed.) Growth Theory, Penguin Books, Harmondsworth.</li> <li>• Ray, Debraj, (2014), Development Economics, OUP, Delhi.</li> <li>• Solow, R. (2000) Growth Theory, Oxford University Press, Oxford</li> </ul>			

Skaman



BA IV Year	BEC-C802: Development Economics		Semester 8
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<b>Learning Outcomes:</b> Student will be able to <ul style="list-style-type: none"> <li>• Contrast the scope of the concepts of growth and development.</li> <li>• Critically evaluate various theories of development, their assumptions as well as their implications.</li> <li>• Identify the nature of inequality and the theoretical framework to understand it.</li> <li>• Assess the role of access to resources and demography on developmental outcomes of an economy.</li> </ul>			
Unit 1	<b>GROWTH AND DEVELOPMENT:</b> Meaning and Criteria, Measures of development, Per Capita Income, Index of Human Development		
Unit 2	<b>THEORIES OF ECONOMIC DEVELOPMENT:</b> Rostow's Stages of Growth, Big Push, Balanced and Unbalanced Growth, Critical Minimal Effort, Ranis Fei Model		
Unit 3	<b>INEQUALITY AND DEVELOPMENT:</b> Measures of Inequality, Inequality, Savings and Growth, Kuznets Curve		
Unit 4	<b>POVERTY AND DEVELOPMENT:</b> Conceptual issues, Poverty, credit and insurance, Poverty, nutrition and labour markets, Poverty and the household.		
Unit 5	<b>POPULATION AND DEVELOPMENT:</b> The determinants of fertility, Costs of children, The Optimum Population, The low-level equilibrium trap.		
<b>Suggested Readings:</b> <ul style="list-style-type: none"> <li>• Behrman, S. and T.N. Srinivasan (1995), Handbook of Development Economics, Elsevier, Amsterdam.</li> <li>• Pattanaik B.K., (2016), Introduction to Development Studies, Sage Publications, New Delhi</li> <li>• Ray, Debraj, (2010), Development Economics, OUP, Delhi.</li> <li>• Todaro Michael P. And Smith S.C., (2012), Economic Development, Pearson, India</li> </ul>			

*S. Kumar*

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BA IV Year	BEC-C803: Industrial Relations and Social Security		Semester 8
Marks Allotted for Internal Assessment	Marks Allotted for End Semester Examination (ESE)	Maximum Marks	Total Credits
30	70	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Understand the meaning and scope of industrial relations.</li> <li>• Contrast the motivations of workers and owners of capital in work participation.</li> <li>• Critically evaluate various theories of labour relations, their assumptions as well as their implications.</li> <li>• Identify the role of institutions such as trade unions in the framework of industrial relations.</li> <li>• Evaluate the various policies and laws of the government towards labour welfare and social security.</li> </ul>			
Unit 1	<b>INDUSTRIAL RELATIONS:</b> Concept – Importance of Industrial Relations – Scope and Aspects of Industrial Relations – Factors Affecting Industrial Relations		
Unit 2	<b>WORKER'S PARTICIPATION IN MANAGEMENT:</b> Concept, Objectives, Forms of Participation, Levels of Participation, Forms of Worker participation in India		
Unit 3	<b>THEORIES OF THE LABOUR MOVEMENT:</b> Karl Marx, The Webbs, Perlman, KDHM ( Kerr, Dunlop, Harbison and Myers )		
Unit 4	<b>TRADE UNIONS IN INDIA:</b> Concept of a trade Union, features and functions, Growth and structure of Trade Unionism in India, Problems of Trade Unions		
Unit 5	<b>SOCIAL SECURITY AND LABOUR WELFARE:</b> Concept of Social Security and Labour Welfare in India - Important labour legislations in India : Industrial Disputes Act, Trade Unions Act, Factories Act and Employees State Insurance Act.		
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Agarwala Ramgopal et al, (2004), Reforms, Labour Markets and Social Security, OUP, New Delhi.</li> <li>• Jhabvala,R. and R.K. Subrahmanya (Eds.)(2000), The Unorganised Sector : Work Security and Social Protection, Sage Publications, New Delhi.</li> <li>• Sen Ratna, (2008), Industrial Relations in India, Macmillan India Ltd.</li> <li>• Sivarethinamohan R. (2010), Industrial Relations and Labour Welfare, PHI Learning, New Delhi.</li> <li>• Venkataramana P. (2007), Industrial Relations, APH Publishing Corporation, New Delhi.</li> </ul>			

*Ramesh*

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BA IV Year	Survey and Field Work/Research Project/Dissertation on Major		Semester 7, 8
Marks Allotted for Report Writing	Marks Allotted for Viva Voce	Maximum Marks	Total Credits
70	30	100	6
<p><b>Learning Outcomes:</b> Student will be able to</p> <ul style="list-style-type: none"> <li>• Develop economic thinking through direct experience to real life.</li> <li>• Get familiarised and acquainted with local issues of that have an economic implication.</li> <li>• Use and apply the learned economic principles towards local economic issues.</li> <li>• Design and conduct an original and scientific research on an identified research problem.</li> </ul>			
<p><b>Details of Survey and Field Work/Research Project/Dissertation:</b></p> <ul style="list-style-type: none"> <li>• The research done can either be empirical data based (Quantitative, Qualitative or Mixed methods) or it can be in the form of a critical review of research and theory.</li> <li>• Student opting for Research Project/dissertation will select a topic with the help of supervisor (one of the faculty member).</li> <li>• Researchers have to submit an application along with topic and relevant information through the supervisor to the Head of the Department within 15 days of the starting of the semester VII semester.</li> <li>• The Research project/dissertation in typed form (two copies) following APA manual around fifty pages shall be submitted 15 days before the final end semester exam to the Head of the Department along with Supervisor's certificate.</li> <li>• Field Work/Research Project/Dissertation Topic will be on Local/Current Issues with Economic Focus.</li> <li>• Student will have to present using PowerPoint or other similar tools.</li> <li>• Used Research Techniques (Surveys, questionnaire/interview schedule, etc) should be attached.</li> </ul>			
<p><b>Suggested Readings:</b></p> <ul style="list-style-type: none"> <li>• Karlinger (2004). Foundations of Behaviour Research, Surjeet and Company, New Delhi.</li> <li>• Kothari C.R. (2001). Research Methodology: Methods and Techniques, Vishwa Prakashan, New Delhi.</li> <li>• Wilkinson and Bhandarkar (2003). Methodology &amp; Techniques of Social Research, Himalaya Publishing House, Bombay.</li> </ul>			

*Sakam*

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**SCHEME OF EXAMINATION AND COURSE OF STUDY**

**Four-Year Undergraduate Programme**

**as per National Education Policy-2020**

**CHOICE BASED CREDIT SYSTEM (CBCS)**

**B.A. (ECONOMICS)**

**(w. e. f. 2022)**



**ECONOMICS**

**FACULTY OF HUMANITIES**

**GURUKULA KANGRI (DEEMED TO BE UNIVERSITY)**

**HARIDWAR**

**(Deemed to be university u/s 3 of UGC Act 1956)**

**2022**

**Syllabus and Structure of Economics has been approved as per National Education Policy-2020**

*Sauman*  
26/5/22  
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