

RANI CHANNAMMA UNIVERSITY, BELAGAVI

DEPARTMENT OF STUDIES IN ECONOMICS

PROGRAM /COURSE STRUCTURE AND SYLLABUS As per the Choice Based Credit System (CBCS) designed inaccordance with

Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP) 2020

For

B.A. Economics Degree (Honours) V & VI Semester

w.e.f.

Academic Year 2023-24 and onwards

Program Structure for Four Year under Graduate Program and Master Program in

Semester	Paper Code	Title of the Paper	Credits
DSC-9 Public Economics		4	
NO	DSC-10	Development Economics	4
V Semester	DSC-11	Indian Banking & Finance	4
		Total Cred	lits 12
	DSC-12	International Economics	4
	DSC-13	Indian Public Economics	4
VI Semester	DSC-14	Environmental Economics	4
		Total Cred	lits 12

Economics (B.A Basic/B.A (Hons.)

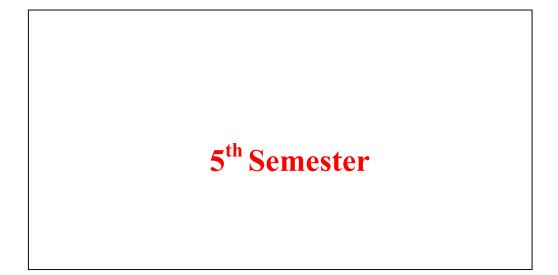
Pedagogy

Formative Assessment				
Assessment Occasion/type	Weightage in Marks			
Internal Test	50%			
Assignment	20%			
Presentation/ Project	30%			
Total	100			
Formative Assessment	as per NEP guidelines are compulsory			

Note: Strictly follow the Practicum

Pedagogy; Evaluation process IA MARKS

FORMATIVE ASSESSMENT				
	C1	C2	Total	
Assessment Occasion/type	;			
Internal Test101020				
Assignment/seminar	5	-	05	
Quiz/GD	5	-	05	
Presentation/Project etc	-	10	10	
Total	20	20	40	
Semester End Exam Theor		60		



Public Economics

Program Name	BA in Economics			Semester	Fifth Semester
Course Title	Public Economics				
Course Code:	ECO C9			No. of Credits	4
Contact hours	60 Hours			Duration of SEA/Exam	2 hours
Formative Assessment Marks 40		Sumn	native Assessment Marks	60	

Course Outcomes (COs): After the successful completion of the course, the student will be able to:

CO1. Understand introductory Public Finance concepts.

CO2. Study the causes of market failure and corrective actions

CO3. Understand the impact, incidence and shifting of tax

CO4. Study the Economic Effects of tax on production, distribution and other effects

CO5. Enable the students to know the Principles and Effects of Public Expenditure

CO6. Understand the Economic and functional classification of the budget; Balanced and

Unbalanced budget

CO7. Understand the Burden of Public debt and know the Classical/ Ricardian views, Keynesian and post-Keynesian views

CO8. To acquaint with the advantages and disadvantages of Deficit Financing,

MODULES	DESCRIPTION	60 Hours			
Module I	Introduction to Public Economics	15			
	Public Economics: Meaning, definitions, Scope and Significance,				
	Public Finance and Private Finance: Meaning, and Distinction; Public good				
	and private good: Meaning, Characteristics, and Distinction, Principle of				
	Maximum Social Advantage, Market Failures: Meaning, causes-role of				
	externalities; Market failure and role of government; Corrective actions.				
Practicum	Group Discussions on Public Finance and private finance; public good and private good Assignment on Market failure and government intervention				
Module II					
	Meaning and sources of revenue; Taxation -Cannons of taxation,				
	Characteristics of a sound tax system, Impact, Incidence- Division of Tax				
	burden, Shifting of tax, Economic Effects of tax on production, distribution				
	and other effects, Progressive and Regressive, Proportional Tax, Direct and				
	Indirect Taxes -Merits and Demerits, Taxable Capacity: Meaning and				
	determinants. Public Expenditure; Meaning, classification, principles,				
	Types & Cannons, Reasons for the growth of public expenditure, Wagner's				

	law of increasing state activities, Peacock-Wiseman hypotheses, Effects of	
	public expenditure: Production, Distribution &Other effects	
Practicum	Mini-project/study to ascertain the impact of GST on retailers/wholesalers in vicinity A case study on the taxable capacity of the different sections of society in the Assignment on Effects of public expenditure: Production, Distribution & Othe	vicinity
Module III	Public Debt	12
Practicum	 Public Debt: Meaning, Purpose, Types & Effects; Sources of Public Borrowing; Burden of Public Debt -Classical/ Ricardian views, Keynesian and post-Keynesian views; Intergenerational equity of public debt; Causes of the Rise in Public Debt; Methods of debt redemption; Debt management. Studying the burden of public debt through a project/ case study Assignment on Debt Management 	
Module IV	Public Budget, Fiscal Policy and Fiscal Deficit	15
	Budget: Meaning, process & Types of budget, Economic and functional classification of the budget; Balanced and unbalanced budget, Types of Budget Deficits; Fiscal Policy: Meaning, objectives & Tools; Fiscal deficit: Meaning, Computation, Deficit Financing: Meaning, Advantages and Disadvantages	
Practicum:	Calculation of various types of budget deficit using the budget data Group discussion on the advantages and disadvantages of deficit financing	

Refer	References				
1	Lekhi R.K., Joginder Singh (2018) Public Finance, Kalyani publication, New Delhi				
2	Tyagi B.P. (2014) Public Finance published by Jaya Prakash Nath and CO, Meerut				
3	Hindriks J. and G. Myles (2006): Intermediate Public Economics, MIT Press.				
4	Bhatia H L (2018): Public Finance. Vikas Publishing House.				
5	Musgrave, R.A. (1989), The Theory of Public Finance, McGraw Hill				
6	Musgrave R.A. and P.B. Musgrave (1989), Public Finance in Theory and Practice, McGraw Hill,				

Development Economics

Program Name	BA in Economics			Semester	Fifth Semester
Course Title	Development Economics				
Course Code:	ECO C10			No. of Credits	4
Contact hours	60 Hours			Duration of SEA/Exam	2 Hours
Formative Assessment Marks 40			Sumn	native Assessment Marks	60

- CO1. Understand the basic concepts and measurements of Development.
- CO2. Learn some classical and partial theories of Development economics and identify the difference.
- CO3. Identify the difference between Developed and Developing Countries.
- CO4. Analyse and tackle the Development issues effectively.

MODULES	DESCRIPTION	60 Hrs		
Module 1	Introduction to Economic Development	14		
	Concept - Definitions - Distinction between Economic Growth and Development - Indicators of Growth and Development, Measures of Economic Development: Gross National Product (GNP) - Physical Quality of Life Index (PQLI), HumanDevelopment Index (HDI), Happiness Index, Inequality and Poverty: Meaning, causes, indicators – Gini Coefficient Index, Human Poverty Index (HPI).			
Practicum:	Assignment on various indicators of growth and development Group discussions about the characteristic features of different countries and their development levels			
Module 2	General Theories of Economic Growth and Development	16		
	Adam Smith's Theory, David Ricardo's Theory, T.R. Malthus' Theory, Karl Marx's Theory, Schumpeter's Theory and Rostow's Growth Theory - Harrod-Domar Model.			
Practicum:	Assignment on different theories and their relevance to developing Countries, Debate on present stage of India's growth and estimated stage it may reach by 2047			
Module 3	Partial Theories of Economic Development	16		
	Lewis Labour Surplus Model - Rodan's Big Push Theory - Lieberstein's Critical Minimum Effort Approach - Balanced Vs. Unbalanced Growth, Factors in the Development Process Capital Accumulation - Capital-Output Ratio - Technology and Economic Development.			

Practicum:	Group Discussion on Balanced and unbalanced growth strategies in Developed and developing countries Assignment on the Factors in the Development Process Capital Accumulation		
Module 4	Sustainable Development	14	
	Inclusive Development - Millennium Development Goals - Sustainable Development Goals, Targets and Achievements with reference to India.		
Practicum	Seminar on MDGs and SDGs and the challenges		

Refe	References			
1	Higgins Benjamin & W.W. Norton Economic Development New York & Company. Inc.			
2	Mishra S.K and Puri V.K, Economic Development and Planning, Himalaya Pub., House, Mumbai.			
3	Taneja M.L. and Meier G. M, Economics of Development and Planning, S. Chand and Co, New Delhi.			
4	Thirlwall A.P. Growth and Development: With Special Reference to Developing Economies, Palgrave Macmillan, New York.			
5	Todoaro. M.P & Orient Longman Economic Development in the Third World, United Kingdom			
6	Sustainable Development Reports			

Indian Banking and Finance

Program Name	BA in Economics			Semester	Fifth Semester
Course Title	Indian Banking and Finance				
Course Code:	ECO C11			No. of Credits	4
Contact hours	60 Hours			Duration of SEA/Exam	2 Hours
Formative Assessment Marks 40		Sumn	native Assessment Marks	60	

- CO1. Understand the structure of Indian banking and the role of banks in monetary policy.
- CO2. Analyze the functioning of banks and different types of accounts and other services offered by banks.
- CO3. Evaluate recent developments in the Indian banking sector, including digital banking, payment banks, and non-performing assets.
- CO4. Describe the overview of the Indian financial system, including financial markets, financial instruments, and financial regulation.
- CO5. Analyze the challenges faced by Indian banks and the implications of banking reforms for the Indian economy.
- CO6. Develop critical thinking and analytical skills in evaluating various financial products and services banks and capital markets offer.

MODULES	DESCRIPTION	60 Hours		
Module I	Introduction to banking: India			
	Indian Banks: Evolution, structure, functions, types and features- Public sector, private sector, foreign, Cooperative, RRB, Small finance banks, payment banks; Role and importance of banks in the Indian economy; Credit creation and financial intermediation; Central Bank and banking regulation; Regulatory and supervisory powers; Monetary policy and banking channel of credit control; Policy rates and banking; repo, reverse repo, MCLR, Bank rate, CRR, SLR, MSF; Issues in banking sector; NPA crisis; impact of global events on Indian banks.			
Practicum	Compare and contrast the different types of banks, highlighting their streweaknesses- Presentation. Conduct a class discussion and compare and contrast the different scenarios loans, highlighting the risks involved and the measures taken by banks to marks.	s on various		
Module II	Banking services	15		

	Banking services: Bank deposits; Types and features of bank accounts;	
	account opening and importance of KYC; Bank loans; types, features,	
	documents required; eligibility, interest rates, maturity, loan default and	
	consequences; Other services: Locker facility, payment and remittance	
	services and channels; currency exchange; debit cards, credit cards, pre-	
	paid cards; ATMs; internet and mobile banking; Modern banking products:	
	Insurance on deposits and loans, Investment services in capital market-	
	stocks, bonds and mutual funds; advisory services; retirement products.	
Practicum	Group discussion on bank accounts and loan products and making recomm	nendation to
	different classes	
	Comparison of banking services by visiting bank branches	
Module III	Modern Banking	15
Module III		15
	Modern banking facilities; Digital banking; Digital Wallets; Digital account	
	opening; Biometrics; contact less payment system; instant payments;	
	personal finance management tools; Use of artificial intelligence and	
	machine learning in banks; Cyber security in banking; Credit scoring; Direct lending; Corporate banking; Investment Banking	
	Direct feilding, Corporate banking, investment banking	
Practicum:	Survey bank customers to understand their usage and satisfaction levels	with digital
Practicum:	Survey bank customers to understand their usage and satisfaction levels banking services.	with digital
Practicum:	banking services. Analyze the adoption rates of digital banking services across different age	C
	banking services.Analyze the adoption rates of digital banking services across different age demographic segments	groups and
Practicum: Module IV	banking services. Analyze the adoption rates of digital banking services across different age	C
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock 	groups and
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex 	groups and
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual 	groups and
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual funds; Insurance products 	groups and
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual funds; Insurance products Investing in capital market products- access, channels; risk in capital 	groups and
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual funds; Insurance products Investing in capital market products- access, channels; risk in capital market investments; Role of SEBI, Fintech and innovation in capital 	groups and
	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual funds; Insurance products Investing in capital market products- access, channels; risk in capital market investments; Role of SEBI, Fintech and innovation in capital markets; 	groups and
Module IV	 banking services. Analyze the adoption rates of digital banking services across different age demographic segments Financial Market Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and forex trading; Commodity markets and trading; Derivatives markets; Mutual funds; Insurance products Investing in capital market products- access, channels; risk in capital market investments; Role of SEBI, Fintech and innovation in capital 	groups and

References

1	Khan, M. Y. (2019). Indian Financial System (11th ed.). McGraw Hill Education (India) Private Limited.
2	RBI (2022) report on the trend and Progress of Banking in India
3	Pathak, B. V. (2018). Indian financial system. Pearson Education
4	Principles and Practices of Banking (2023), Indian Institute of Banking & Finance (IIBF), MacMillian
5	Shekhar, K. C. & Shekhar, L. (2013). Banking Theory and Practice, 21st Edition
6	Taxman's Digital Banking, Indian Institute of Banking & Finance (IIBF), Bharati Law House
7	Reserve Bank of India. (2017). Basic Financial Literacy Guide.

	https://www.rbi.org.in/Scripts/BS_FlgGuidelines.aspx
	Securities and Exchange Board of India. (2021). Handbook of Statistics on Indian Securities Market.
	https://www.sebi.gov.in/reports-and-statistics/publications/dec-2022/handbook-of-statistics-
	2021_66158.html
9	Financial Education Handbook (2021) National Centre for Financial Education (NCFE)
	https://www.ncfe.org.in/resources/downloads
10	Investor Education material by National Stock Exchange (https://www.nseindia.com/invest/how-to-
	<u>invest-in-capital-market</u>)

6th Semester

International Economics

Program Name	BA in Econon	nics		Semester	Sixth Semester
Course Title	International	Economics			
Course Code:	ECO C12			No. of Credits	4
Contact hours	60 Hours			Duration of SEA/Exam	2 Hours
Formative Asses	sment Marks	40	Summ	native Assessment Marks	60

- CO1. Understand the international trade theories and their application in international trade
- CO2. Explain the concept of terms of trade and demonstrate the effect of trade barriers; and display the ability to analyse the stages of economic integration
- CO3. Understand the concept of BoP and assess the BoP position and examine the changes in forex rate
- CO4. Analyse the role of International trade and financial institutions
- CO5. Demonstrate good inter-personal and communication skills through class participation and contributing to critical discussion on trade issues

MODULES	DESCRIPTION	60 Hours
Module I	International Trade Theories	15
	Meaning and Importance of International trade; Differences between Internal and International Trade; Trade Theories: Mercantilist view; Absolute cost and	
	comparative cost advantage theories; Haberler's Opportunity cost theory;	
	Hecksher-Ohlin theory; Leontief's paradox	
Practicum	Assignment on Ricardo's Comparative cost advantage and Leontief's paradox	
Module II	Terms of Trade and Commercial Policy	17
	Terms of trade- Concept and Types, Factors determining Terms of Trade;	
	Commercial Policy: Free trade v/s Protection; Tariffs: Types and effects;	
	Quotas; Anti-dumping; Economic Integration: Meaning and stages.	
Practicum	Debate: Free trade v/s Protection Mini project: Trace the evolution of India towards Economic Integration	
Module III	Balance of Payment and Capital Flow	13
	Balance of Payment: Concept, Components; Disequilibrium in Balance of Payment: Causes and Measures to correct disequilibrium; Foreign Exchange rate: Meaning and types; determination of Foreign exchange rate: Demand for and Supply of Forex; Purchasing Power Parity (PPP) theory; Capital Flow: Meaning and concept of Foreign Investment; Forms of FDI; Advantages and disadvantages of FDI.	
Practicum	Prepare India's Balance of Payment statement using recent Economic Survey Assignment on Forms of FDI	

Mod	lule IV	International Finance and Trade Institutions	15				
		Bretton Woods Institutions: IMF and IBRD -IDA and IFC: Organization,					
		Objectives, Functions and their role in developing countries; Evolution of					
		WTO: GATT – principles and objectives; WTO: Organization, Objectives,					
		Functions, Agreements and current issues; WTO and developing countries;					
Pra	cticum:	Group Discussion: Effectiveness of IMF and IBRD in developing countries Seminar: Agreements of WTO or current issues of WTO					
Refer	ences						
1	Soderstei	n. B. (1993): International Economics, MacMillan, 3 Edition, London,					
2	Salvatore	e, D. (2016): International Economies, 12 Edition, Wiley Publication					
3		. C. and Sudama Singh (1980): International Economics, 3 Edition, Oxford and IBF on, New Delhi.	I				
4		n, R. J. (1999): International Economics, International Thompson Publishing, New Y	rork				
5	Dana, M. S. (2000): International Economics: Study Guide and work Book, 5. Edition, Routledge Publishers, London.						
6	Kenen, P	. B. (1994). The International Economy, Cambridge University Press, London.					
7	Krugman	, P.R. and M. Obstfeld (1994): International Economics: Theory and Policy Addiso	n-Wesley				
	Publicati	ons.	-				
8		JD. (1998) The World Trading System, Cambridge University Press, Mass. Cherun onal Economics, TMH, New Delhi.	ilam,				
9	D M Mit	hani, International Economics, Himalaya, Mumbai.					
10	Jhingan N	M.L.(2016): International Economics, Vrinda Publications Pvt Ltd-Delhi					
11	Dwivedi	D.N. (2013): International Economics Theory & Policy, Vikas Publishing House Pr	v.t Ltd.				
12	K.C. Ran	a & K.N. Verma (2017): International Economics; Vishal Publishing Co.					
13	Krishnan	nurthy H.R (2013) : Antararashtreeya Arthashastra ; (Kannada version), Sapna, Ben	galuru				

Indian Public Finance

Program Name	BA in Econor	nics		Semester	Sixth Semester
Course Title	Indian Public	Finance			
Course Code:	ECO C13			No. of Credits	4
Contact hours	60 Hours			Duration of SEA/Exam	2 Hours
Formative Asses	sment Marks	40	Sumn	native Assessment Marks	60

- CO1. Understand the structure of Indian Public Finance
- CO2. Enable the students to know the Source and nature of public revenue and expenditure
- CO3. Understand the Budget and different concept of deficits
- CO4. Know the Public debt and its management
- CO5. Understand the fiscal and monetary policy and their tools and importance
- CO7. To enable the students to know the Indian federal financing system and Financial Commissions.

MODULES	DESCRIPTION						
Module I	Public Revenue						
	Direct Tax Revenue - Sources of Revenue-Tax and Non-Tax Revenue;						
	Trends and Patterns of Tax Revenue in India; Direct and Indirect Taxes in						
	India; Personal Income Tax Rates and Slabs; Corporate Tax- Tax Rate and						
	Slabs; Indirect Tax Revenue - Indirect Taxes – Earlier Taxes-VAT and MODVAT; Goods and Services Tax (GST)- Objectives and Classification						
	of GST, Tax Rates of GST; Trends and Patterns of GST; Impact of GST on						
	Indian Economy; Tax Reform Commissions.						
Practicum	Collection and analysis of data on Direct tax						
	Collection and analysis of GST from businesses						
Module II	Public Expenditure						
	Revenue Expenditure - Classification of Public Expenditure in India;						
	Revenue Account Expenditure- Trends and Patterns; Capital Account						
	Expenditure-Trends and Patterns; Fiscal Responsibility and Budget						
	Management (FRBM) Act; Impact of Public Expenditure on Indian						
	Economy; Expenditure Reforms Commission (ERC) in India; Union Budget and Its Analysis - Meaning and Classification of Budgets; Zero-						
	Based Budget; Composition of Union Budget; Union Budget Analysis						
	(current one); Different Concept of Deficits- Revenue, Fiscal, Primary						
	Deficits						
Practicum	Analysis of Union Budget (Current one)						
	Group Discussion on Budget Deficits						

Module III	Public Debt and Its Management	14				
	Public Borrowings and Debt - Meaning and Nature of Public Debit;					
	Sources of Public Borrowings; Classification of Public Debt; Trends and					
	Patterns of Central Government Debt; Main Characteristics of Indian					
	Public Debt; Crowding out of Private Investment; Causes of Public Debt in					
	India; Burden of Public Debt and Management in India - Meaning of					
	Burden of Public Debt; Importance of Public Management; Principles of					
	Public Debt Management; Repayment of Public Debt in India; Impact of					
	Public Debt on Indian Economy; Finance Commissions in India					
Practicum	Assignment to write on Indian Public Dent and sources of repayment					
	Group Discussion on Burden of Public Debt					
Module IV	Fiscal and Monetary Policies and Federal Finance in India	13				
	Fiscal and Monetary Policy India - Meaning and Objectives of Fiscal					
	Policy; Importance of Fiscal Policy; Tools of Fiscal Policy; Meaning and					
	Objectives of Monetary Policy; Importance of Monetary Policy; Tools of					
	Monetary Policy; Indian Federal Finance - Meaning and Importance-					
	Stages of Growth; Allocation of Resources- Division of Functions and					
	Resources; Principles of Federal Finance; Shortcomings of Federal					
	Financing; Finance Commission and Their Recommendations.					
Practicum	Group Discussion about the Role of Fiscal and Monetary Policies in					
rracucum	controlling inflation					
	Assignment to write the State List, Union List and Concurrent list					

Refer	ences
1	Bhatia H L (2021): Public Finance, S. Chand and Co., New Delhi.
2	Lekhi R.K (2020): Public Finance, Kalyani Publishers, New Delhi.
3	Musgrave R.A and Musgrave P.A (2017): <i>Public Finance in Theory and Practice</i> , Mcgraw-Hill Kogakusha, Tokyo.
4	Om Prakash (2021): Public Economics: Theory a practice, Vishal Publishing Co. Ludhiana.
5	S.K. Singh (2019): Public Economics: Theory and Practice S. Chand and Co., New Delhi.
6	Tyagi, B.P (2018): Public Finance, Jai Prakash Nath and Company, Meerut, India.

Environmental Economics

Program Name	e BA in Economics			Semester	Sixth Semester
Course Title	Environmental Economics				
Course Code:	ECO C14		No. of Credits		4
Contact hours	60 Hours			Duration of SEA/Exam	2 Hours
Formative Asses	sment Marks	40	Sumn	native Assessment Marks	60

- CO1. Understand how economic methods can be applied to environmental issues facing society
- CO2. Examine the linkages between Environmental Degradation and Economic Development
- CO3. Develop an informed view regarding the potential of economics to help societies achieve their environmental goals
- CO4. Demonstrate good inter-personal and communication skills through writing an essay and contributing to critical discussion
- CO5. Analyze environmental problems and to assess environmental policies.

MODULES	MODULES DESCRIPTION	
Module I	Module I Environment and Ecology	
	Meaning, Nature and Scope of Economics of Environment; Linkages between Environment and the Economy; Environmental Kuznets curve; Environmental Stress; Population and Environment; Poverty and Environment; Meaning and elements of ecology; Biotic and Abiotic components; Food, Hydrological and Carbon Cycles; Material Balanced Principle (Entropy law); Meaning and strategies to achieve Sustainable Development; Rio Summit; Green Accounting Introduction to SDGs.	
Practicum:	Making charts relating to SDGs or Assignments on environment- economy linkages at the local level.	
Module II	Natural Resources Scarcity and Conservation	15
	Meaning and Characteristics of Renewable and Non-renewable resources; Non-Renewable Resources and the problem of depletion and problem of overuse ; Resource Scarcity and Economic Growth (Limits to Growth Model); Energy and Economic Development; Energy resources and their Pricing; Alternative energy sources; Conservation of Natural Resources- 3Rs – Reduce, Reuse and Recycling Measures	
Practicum:	Identifying local resources; Project on resource conservation (esp. water) at the College level; Discussion on Limits to Growth	

Module III	Environmental Pollution	15	
	Environmental regulatory system in India; Pollution Control Boards and		
	their Functions; Provisions of the Environmental Protection Act, 1986;		
	Environmental Movements in India (Chipko); Role of Citizens and		
	NGOs in Environmental Protection.		
Practicum:	visiting the Pollution Control Board office and observing its functions		
Module IV	Environmental Pollution and Regulation		
	Environmental regulatory system in India; Pollution Control Boards and		
	their Functions; Provisions of the Environmental Protection Act, 1986;		
	Environmental Movements in India (Chipko); Role of Citizens and		
	NGOs in Environmental Protection.		
Practicum:	Practicum: Assignments on types of pollution in local areas; Seminars on climate		
	change and its consequences; visiting the Pollution Control Board office		
	and observing its functions		

R	References		
1	Bhattacharya, R.N (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University		
	Press.		
2	Karpagam M. (1993), Environmental Economics, Sterling Publishers, New Delhi.		
3	Shankar, U, (2001), Environmental Economics, Oxford University Press, New Delhi.		
4	Singh, Katar and Anil Shisodia (2007): Environmental Economics: Theory and Applications, Sage		
	Publications, New Delhi		
5	Mahajan V.S (2003): Environmental Protection – Challenges & Issues, Deep & Deep Publishers New		
	Delhi		
6	Sengupta, R.P. (Ed.) (2001), Ecology and economics: An Approach to Sustainable Development,		
	Oxford University Press, New Delhi.		
7	Nick Hanley, Jason F, Shogren and Ben White (2005): Environmental Economics in Theory and		
	Practice, Macmillan India Ltd.		

Pite

CHAIRMAN P.G. Department of Economics Rahi Channamma University Belagavi - 591156

Question Paper Pattern for UG Semester DSC, DSEC &OEC

Paper Code:		Paper Title:			
Duration of Exam	Exam 2 Hours		Max Marks	60 Marks	
Instruction:	Answer all the sections				

Section-A

1. Answer <u>ALL</u> the following sub-questions, each sub-question carries ONE mark	(10X1=10)
A.	
В.	
С.	
D.	
•	
J.	
<i>Note for Section-A:</i> Three sub-questions from each unit and remaining one sub-question (J) from unit I	to III.

Section-B

Answer any FOUR of the following questions, each question carries FIVE marks	(4X5=20)
2.	
3.	
4.	
5.	
6.	
7.	
<i>Note for Section-B</i> : Minimum Two question from each unit (Q No 2 to 6)	

Section-C

Answer any <u>THREE</u> of the following questions, each question carries TEN marks	(3X10=30)
8.	
9.	
10.	
11.	
12.	
Note for Section-C: Minimum Two question from each unit (Q No 8 to 12) Sub-questions such as 'a' and	'b' may be givenfor
a question in section-C only.	