

Syllabus of
U.G. Economics
3rd & 4th Semester

**Prepared and approved by U.G. BOS in Economics,
Mangalore University on 08-09-2022**

Program Name	BA in Economics	Semester	Third Semester
Course Title	Microeconomics		
Course Code:	DSC-3.1	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. Understand introductory economic concepts.</p> <p>CO2. Recognize basic supply and demand analysis.</p> <p>CO3. Recognize the structure and the role of costs in the economy.</p> <p>CO4. Describe, using graphs, the various market models: perfect competition, monopoly, monopolistic competition, and oligopoly.</p> <p>CO5. Explain how equilibrium is achieved in the various market models.</p> <p>CO6. Identify problem areas in the economy, and possible solutions, using the analytical tools developed in the course.</p>	
Contents	42 Hrs
Unit-1: Basics of Microeconomics	
<p>Chapter:1 Exploring Microeconomics: Nature and scope of economics – opportunity cost, scarcity, production possibility frontier - Market system as a way to organise economic activities, welfare state</p>	3
<p>Chapter:2 Supply and Demand: Determinants of demand and supply; demand and supply schedules and; individual and market demand and supply; shifts in the demand and supply curves; Interaction of demand and supply; Equilibrium price and quantity</p>	3

Practicum:	
<ul style="list-style-type: none"> ➤ Reading and working with graphs ➤ Estimation of elasticity and discussing its applications; solving problems to estimate the equilibrium price and quantity 	
Unit -2: Consumption Decisions	
Chapter 3	5
The Households: Diminishing Marginal Utility; Indifference curves – Meaning and Properties; budget constraint; Satisfaction Maximization; income and substitution effects; choice between leisure and consumption.	
Practicum: Conducting a consumer survey to understand their tastes and preferences	
Unit -3: Production and Costs	
Chapter 4: The Firms: Concept of firm and Industry; Production Function; Law of Variable Proportions; isoquant and isocost lines, cost minimizing equilibrium condition; Returns to Scale; Features of Cobb-Douglas Production Function	5
Chapter 5: Cost of Production: Short run and long run costs; Returns to Scale.	3
Practicum:	
<ul style="list-style-type: none"> ➤ Analysing reasons for diminishing marginal returns ➤ Examining the relationship between cost and output/ Deriving cost functions from output functions 	
Unit -4: Pricing	
Chapter 6: The Markets: Meaning of Market Structure and Types; Pricing under perfect competition; Monopoly pricing and price discrimination; Monopolistic Competition – Features and Pricing; Oligopoly – Interdependence, Collusive and non-collusive oligopoly; Elements of Game theory	7
Chapter 7: The Inputs (Factors): Functional and Personal Income; Demand for and supply of factors; Marginal Productivity Theory of Distribution; Meaning and determinants of Rent, Wages, Interest and Profits	6
Practicum:	
<ul style="list-style-type: none"> ➤ Conducting Market Survey to identify the nature and features of markets for different goods/services ➤ Understanding distribution of national income as factor incomes 	

Unit -5: Welfare Economics	
Chapter 8: Welfare Economics: Meaning of Welfare; Pigou’s Welfare Economics; Compensation principle; Impediments to attain Maximum Social Welfare; Externalities, Market Failure	6
Practicum: Examining day to day externalities and proposing solutions to them	
Unit -6: Economics in Action	
Chapter 9: Economic Theory and Policy: Pricing Practices; Basics of Monetary and Fiscal Policies; Controls and Regulations; Incentives and Penalties; Labour policies	4
Practicum: Analysis of latest budget of the Central Government; Review of terminology used in the latest Monetary Policy of the RBI	

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare a report	-	10
Total	40 Marks	
Formative Assessment as per NEP guidelines are compulsory		

Note: Strictly follow the Practicum

References	
1	Ahuja, H.L. (2008): <i>Principles of Microeconomics</i> , S. Chand and Co., New Delhi
2	Mankiw, N. Gregory (2020). <i>Principles of Economics</i> (Ninth ed.). Boston, MA.
3	Jhingan, M.L. (2016): <i>Microeconomics</i> , Vrinda Publications, New Delhi
4	Koutsoyianis, A (1979): <i>Modern Microeconomics</i> , London, Macmillan
5	Omkarnath, G. (2012): <i>Economics: A Primer for India</i> , Orient Blackswan, Hyderabad
6	Samuelson, Paul (2004): <i>Economics</i> , McGraw-Hill, New Delhi

7	Krishnaiahgouda H.R. (2020): ಸಂಸ್ಥೆಮ ಅರೂಥಶಂಫಠೆ ೆ Sapna Book House, Bengaluru
8	https://www.core-econ.org/the-economy/book/text/0-3-contents.html
9	Somashekhar Ne. Thi., ಸಂಸ್ಥೆಮ ಅರೂಥಶಂಫಠೆ ೆ, Sidhlingeshwara Prakashana, Kalburgi.

Program Name	BA in Economics	Semester	Third Semester
Course Title	Mathematics for Economics		
Course Code:	DSC-3.2	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. Perform basic operations in Sets and functions and Matrix algebra.</p> <p>CO2. Calculate limits, derivatives of Economic functions and identify the nature of relationship.</p> <p>CO3. Calculate maxima and minima of function</p>	
Contents	42 Hrs
Unit-1: Preliminaries	12 Hrs
Chapter:1 - Introduction to Mathematical Economics: Nature and scope of mathematical economics- Role of mathematics in economic theory	4
Chapter:2 - Number system and Set theory: Types of Numbers: Natural Number, Real number, integers, Irrational Number, Complex Number. Concepts of sets- meaning – types- union of sets – interaction of sets.	4
Chapter:3 - Functions: Meaning of function- Types of functions: Linear and Non-linear Functions; Quadratic, Polynomial, Logarithmic and Exponential functions-	4
Unit -2: Economic Functions, their Application and Matrices	14 Hrs
Chapter 4 Economic Functions: Demand Function, Supply function, Production function, Cost, Revenue and Profit function, Consumption function	4
Chapter-5: Applications of Functions: Graph of Economic Functions, Market equilibrium; Equilibrium price and Quantity, Impact of specific tax and subsidy on market equilibrium	5

Chapter-6: Matrices: Definition and Types of Matrices- Matrix Operations: Addition, Subtraction and Multiplication, Transpose of a Matrix, Determinants of Matrix- Cramer's Rule	5
Unit -3: Differential Calculus and Its Applications	16 Hrs
Chapter 7- Limits: Limits of functions, differentiation, rules of differentiation.	4
Chapter 8 Derivatives of Economic functions: Derivation of Marginal functions from totalfunction-Marginal Production, Marginal cost, Marginal Revenue, Marginal Profit.	6
Chapter 9 - Applications of Derivatives and Higher order derivatives: Elasticity of Demand-Second order derivatives- Maxima and Minima of Economic function.	6

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepara report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

References	
1	Chiang, A. C. and Wainwright, K., "Fundamental Methods of Mathematical Economics", McGraw-Hill/Irwin, 4th Edition, 2005.
2	Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4thEdition, 2002.
3	Allen R.G.D., (2015) Mathematical Analysis for Economists, Macmillan.
4	Bose D., (2003) An Introduction of Mathematical Economics, Himalaya Publishing House, Mumbai.

5	Dowling, E. T., "Introduction to Mathematical Economics", McGraw-Hill, 2001.
6	Hoy, M., Livernois, J. McKenna, C, Rees, R. and Stengos, T., "Mathematics for Economics", MITPress, 3rd Edition, 2011
7	Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4thEdition, 2002.
References	
8	Veerachamy R (2005) Quantitative Methods for Economics, New Age International PublishersPrivate Ltd. New Delhi.
9	Yamane Taro, (2002) Mathematics for Economists -An Implementer Analysis, Phi Learning Publishers.
10	S. N. Yogish, Mathematical methods for Economists- Mangaldeep publications, Jaipur.

Program Name	BA in Economics	Semester	Third Semester
Course Title	Rural Economics		
Course Code:	OE-3.1	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. To Understand the basics of rural development,</p> <p>CO2. To study the characteristics, problems, and programmes of rural redevelopment</p> <p>CO3. To study the trends and patterns of economic activities in rural areas</p> <p>CO4. To study the role of infrastructural facilities and governance in rural development</p> <p>CO5. To enable the students to know about significance of rural enterprises and agricultural allied activities.</p>	
Contents	42 Hrs
Unit-1:	12 Hrs
<p>Chapter:1 - Introduction to Rural Economy</p> <p>Meaning and Objectives of Rural economy</p> <p>Characteristics of Rural Economy</p> <p>Indicators of Rural Development</p> <p>Concepts of inclusive and sustainable development</p>	5
<p>Chapter:2 - Approaches to Rural Development</p> <p>Gandhian Model</p> <p>Community Development</p> <p>Approach, Minimum Needs</p>	4

Approach, Integrated Rural Development and Inclusive Growth Approach.	
Chapter:3 - Poverty and Unemployment in Rural India Meaning and Measurement of PovertyCauses of Poverty Farm and Non-farm employment Measurement and Types employment Review of Poverty Alleviation and Employment Generation Programmes in India.	5
Practicum: • Field visit to nearby village and study the poverty situation • Field visit to village and study the employment pattern • Undertake evaluation study on employment generation programmes and prepare an assignment.	
Unit -2:	14 Hrs
Chapter 4- Rural Enterprises Meaning and Importance, Classification of MSMEProgress and Problems of MSME Khadi and Village Industries	5
Chapter-5: Rural Banking and Finance Credit Co-operative SocietiesRegional Rural Banks Role of NABARD Microfinance Institutions	4

<p>Chapter-6: Rural Infrastructure</p> <p>Educational and Health InfrastructureHousing and Sanitation Drinking Water Supply Rural Transport and CommunicationRural Electrification</p>	5
<p>Practicum:</p> <ul style="list-style-type: none"> • Write an assignment on Rural infrastructure • Write a small report on Rural Industry 	
<p>Unit -3:</p>	14 Hrs
<p>Chapter 7- Rural Development Programmes</p> <p>Wage Employment Programmes Self-employment and Entrepreneurship Development ProgrammesRural Housing Programmes Rural Sanitation Programmes</p>	4
<p>Chapter 8 - Rural Markets</p> <p>Meaning and Types of Rural Markets Defects and Government Measures for Removal of Defects in rural marketsCo-operative Marketing Societies Meaning and Importance of Regulated Markets Digital Marketing(e-NAM)</p>	5
<p>Chapter 9 - Rural Governance</p> <p>Legislations powers, Functions, and sources of revenue of Panchayat Raj InstitutionsRole of NGOs in rural development People’s participation in rural development</p>	5

Practicum:

- Group Discussion on Rural Governance
- Interview Gram Panchayat members and prepare brief note on their participation in rural development.
- Undertake evaluation study on rural development programmes and prepare an assignment.

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

References	
1	Chambers, R. (1983): Rural Development: Putting the Last First, Longman, Harlow.
2	Dandekar, V.M. and N. Rath (1971): Poverty in India, GIPE, Pune.
3	Dantwala, M. L. (1973): Poverty in India: Then and Now, 1870-1970, Macmillan, Bombay.
4	Gupta. K .R. (Ed) (2003): Rural Development in India, Atlantic Publishers and Distributors, NewDelhi.
5	Jain, Gopal Lal (1997): Rural Development, Mangal Deep Publications, Jaipur,
6	Singh, Katar (1986): Rural Development: Principles, Polices and Management, Sage Publications,New Delhi, (Second Edition).
7	Karalay, G. N. (2005): Integrated Approach to Rural Development: Polices, Programmes and Strategies, Concept Publishing Company, New Delhi.
8	Maheshwari, S. R. (1985): Rural Development in India, Sage, Publications New Delhi.
9	Satya Sundaram, I. (1997): Rural Development, Himalaya Publishing House, Delhi.
10	Mehta, Shiv R. (1984): Rural Development Policies and Programmes, Sage Publications, New Delhi.
11	Tyagi, B. P. (1998): Agricultural Economics and Rural Development, Jai Prakash Math and Co.,Meerut.
12	Somashekar Ne. Thi. (2022) ಗ್ರಾ ಮಣ ಅಭಿವೃದ್ಧಿ , Siddalingeshwara publication, Kalburgi.
13	H. R. Krishnaiah Gowda (2022) ಗ್ರಾ ಮಣ ಅಭಿವೃದ್ಧಿ , Mysore book house publication, Mysore.



Program Name	BA in Economics	Semester	Third Semester
Course Title	Economics of Insurance		
Course Code:	OE-3.2	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to: CO1. Gain knowledge relating to the importance of the insurance in the life of human beings.</p>	
Contents	42 Hrs
Unit-1: Introduction to Economics of Insurance	
Chapter:1 - Fundamentals of Economics of insurance	
<ul style="list-style-type: none"> ➤ Definition of insurance ➤ Scope of economic of insurance ➤ Importance of insurance 	
Chapter:2 - The conceptual framework	
<ul style="list-style-type: none"> ➤ Brief history of insurance ➤ Perils and risks in insurance, Classification of risks hazards ➤ How insurance works ➤ Classes of insurance and assumptions 	
Chapter:3 - Type of Insurance	
<ul style="list-style-type: none"> ➤ Risk pooling and risk transfer in insurance ➤ Social vs private insurance ➤ Life vs non-life insurance 	
Unit -2: Insurance Planning	

Chapter 4- Types of Insurance Planning

- Wealth accumulation plan lifecycle planning
- Planning for wealth accumulation
- Tax advantage and tax non-advantage

Chapter-5: Retirement Planning

- Essential of individual retirement planning
- Investing pension plan, basic principles of pension plans
- Pension plans in India

Chapter-6: General Insurance Structure

- General Insurance, concept of General Insurance
- Types of General Insurance, Marine Insurance, Motors Insurance, Agricultural Insurance
- Fire Insurance, Personal Accident Insurance

Unit -3: personal insurance / Health Insurance**Chapter 7- Essential of Life and Health Insurance**

- Fundamentals of Life and Health Insurance, functions of Life and Health Insurance
- Health Insurance and Economic Development, Insurance and Farmer Security

Chapter 8 - Insurance Documentation

- Health Insurance products, Health Insurance underwriting
- Health Insurance claims

Chapter 9 - Insurance Legislation

- The insurance act, 1938- Registration- Accounts and Returns
- Investments -Limitation on expense of Management
- Regulation of Insurance, Insurance regulation in India, role and need of regulation, history of insurance regulation in India
- Insurance Reforms Development Authority (IRDA), performance of IRDA
- Indian Insurance in global platform, future potential in Indian Insurance Business

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10

Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepara report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		
References		
1	Chambers, R. (1983): Rural Development: Putting the Last First, Longman, Harlow.	
2	Dandekar, V.M. and N. Rath (1971): Poverty in India, GIPE, Pune.	
3	Dantwala, M. L. (1973): Poverty in India: Then and Now, 1870-1970, Macmillan, Bombay.	
4	Gupta. K .R. (Ed) (2003): Rural Development in India, Atlantic Publishers and Distributors, NewDelhi.	
5	Jain, Gopal Lal (1997): Rural Development, Mangal Deep Publications, Jaipur,	
6	Singh, Katar (1986): Rural Development: Principles, Polices and Management, Sage Publications,New Delhi, (Second Edition).	
7	Karalay, G. N. (2005): Integrated Approach to Rural Development: Polices, Programmes and Strategies, Concept Publishing Company, New Delhi.	
8	Maheshwari, S. R. (1985): Rural Development in India, Sage, Publications New Delhi.	
9	Satya Sundaram, I. (1997): Rural Development, Himalaya Publishing House, Delhi.	
10	Mehta, Shiv R. (1984): Rural Development Polices and Programmes, Sage Publications, New Delhi.	
11	Tyagi, B. P. (1998): Agricultural Economics and Rural Development, Jai Prakash Math and Co.,Meerut.	

Program Name	BA in Economics	Semester	Third Semester
Course Title	Economics of Human Development		
Course Code:	OE-3.3	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. Differentiate between Human Resource Development (HRD), Human Development (HD) and HRM CO2. Understand the concepts of Human security, describe dimensions of human development, and appreciate various practices and policies of human development, HDI and India.</p>	
Contents	42 Hrs
Unit-1: Introduction to Human Development	12 Hrs
<p>Chapter 1: Human Growth and Human Development - Basic Needs Approach - Quality of Life Approach - Capability Approach</p> <p>Chapter 2: Human Resource Development (HRD), Human Resource Management (HRM).</p> <p>Chapter 3: Human Development: meaning and definition, importance, and objectives.</p>	
Unit -2: Human Security, SDGs and Approaches to Human Development.	12Hrs
<p>Chapter 4: Human Security: Economic security - Food security - Health security - Environmental security - Personal security - Community security - Political security.</p> <p>Chapter 5: Sustainable Development Goals (SDGs): Understanding the SDGs - Linkages between humandevelopment and the SDGs.</p> <p>Chapter 6: Indian Perspectives and Experience with Human Development: Approach to humandevelopment in national plans</p>	

Unit -3: Dimensions and Measurement of Human Development	18 Hrs
<p>Chapter 7: Dimensions of Human Development: Empowerment - meaning and usage, Cooperation - definition and brief introduction, Equity - concept and usage, Sustainability – meaning and importance, Participation - concept, different forms of participation, Human development & Productivity - factors determining productivity.</p>	
<p>Chapter 8: Measuring Human Development: Need for indices - limitations of per capita GDP as an indicator. Earlier indices (meaning): - Physical Quality of Life Index (PQLI), - Disability Adjusted Life Years (DALYs), - Social Capability Index. Human Development Index - HDI as compared to per capita GDP - Method of computing HDI - Critique of HDI. Other indices (meaning): Human Poverty Index (HPI)-Gender-related Development Index (GDI) - Gender Empowerment Measure (GEM).</p>	
<p>Chapter 9: Selected Issues in Human Development: Impact of Globalisation on Human Development - Trade and Human Development. - Technology and Human Development</p>	

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

References	
1	Chelliah, Raja J. and R. Sudarshan (eds.), 1999, Income Poverty and Beyond: Human Development in India, UNDP, Social Science Press, New Delhi
2	Dev, S. Mahendra, Piush Antony, V. Gayathri, and R.P. Mamgain, 2001, Social and Economic Security in India, Institute for Human Development, New Delhi

3	Government of India, National Human Development Report 2002, Planning Commission, New Delhi
4	Jaya Gopaki, R: Human Resource Development: Conceptual analysis and Strategies, Sterling Publishing Pvt. Ltd., New Delhi
5	Naresh Gupta (2019), Human Development in India Emerald Publishers.
6	Nadler, Leonard (2004). Corporate Human Resource Development, Van Nostrand Reinhold, ASTD, New York
7	Padmanabhan Nair(2007) Human Development Index: An Introduction (Economy Series), ICFAIUNIVERSITY PRESS

References

8	Papalia, D.E. , Olds, S.W. and Feldman, R.D. (2006). Human development.9th Ed. New Delhi: TataMcGraw- Hill.
9	Rao, T.V and Pareek, Udai (2005) Designing and Managing Human Resource Systems, Oxford IBHPub. Pvt.Ltd., New Delhi.
10	Rao, T.V: Readings in HRD, Oxford IBH Pub. Pvt. Ltd., New Delhi,
11	Viramani, B.R and Seth, Parmila: Evaluating Management Development, Vision Books, New Delhi.
12	Rao, T.V. (et.al)(2003) HRD in the New Economic Environment, Tata McGraw-Hill Pub.Pvt, Ltd.,New Delhi ,.
13	Rao, T.V: Human Resource Development, Sage Publications, New Delhi.
14	Viramani, B.R and Rao, Kala: Economic Restructuring, Technology Transfer and Human ResourceDevelopment, Response Books, New Delhi
15	United Nations Development Programme (2005); 'Course Curriculum on Human Development-AnOutline', New Delhi

Websites:

1	https://www.undp.org/sustainable-development-goals?c_src=CENTRAL&c_src2=GSR
2	https://hdr.undp.org/en/2020-report
3	https://www.un.org/millenniumgoals/
4	https://www.undp.org/india/publications/national-human-development-report-india
5	https://www.sdgfund.org/mdgs-sdgs

Journals	
1	Indian Journal of Training and Development
2	HRD Newsletter (NHRD Network)
3	American Journal of Training and Development
4	Personnel Today

INTERNATIONAL ECONOMICS
Open Elective Paper under NEP

Program Name: BA in Economics	Semester: Third Semester
Course Title: International Economics	
Course Code: OE-3.4	No. of Credits 3
Contact hours 42 Hours	Duration of SEA/Exam 2 hours
Formative Assessment Marks 40	Summative Assessment Marks 60
<p>Course Outcomes (COs):</p> <p>CO1. Familiarise the students with international economics.</p> <p>CO2. To develop conceptual understanding of the key concepts and practical applications of international trade</p> <p>CO3. Knowledge on trade theories helps to know its practical relevance in international trade</p> <p>CO4. Awareness on trade policies provides an insight on conflicting interests within an economy regarding trade liberalization.</p> <p>CO5. Knowledge on MNCs and international capital movements</p> <p>CO6. To provide insights on the role of WTO and BRICS in liberalising trade and increasing the volume of global trade</p>	
Contents	42 Hrs
Unit 1 Introduction to International Economics	
<p>Chapter 1 International Trade</p> <p>Meaning & Definition</p> <p>Features of International Trade</p> <p>Difference between internal and international trade</p>	3hrs

Chapter 2 Theories of International Trade	6hrs
Comparative cost theory H-O theory Porter's Theory	
Chapter 3 Trade Policies	4hrs
Free trade policy- Meaning & Merits Policy of protection - Meaning & Merits	
Practicum: Identify different trade barriers and their effects	
Unit 2 Balance of Payments and Capital Movements	
Chapter 4 Balance of Payments	5hrs
Meaning & Definitions Composition or Structure Disequilibrium- types Measures to correct Disequilibrium in Balance of Payments	
Chapter 5 International Capital movements	5hrs
Meaning & Types Factors affecting International Capital Movements Advantages and Disadvantages	
Chapter 6 Multinational Corporations	4hrs
Meaning, origin & Definition Features of MNCs Advantages and Disadvantages	
Practicum: Project work on MNCs operating in India and Indian MNCs abroad	
Unit 3 Foreign Exchange Mechanism	
Chapter 7 Foreign Exchange Market	5hrs
Meaning & Features Functions & Participants	

FEDAI- Functions	
Chapter 8 Exchange Rate Determination	5hrs
Meaning	
Types of Exchange foreign rates	
Purchasing power parity theory	
Balance of Payments theory	
Chapter 9 WTO and BRICS	5hrs
Organisation and Functions of WTO	
TRIPS, TRIMS and GATS	
BRICS- objectives and functions	
Practicum: Study on various international institutions facilitating global trade	

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

Sl. No	Reference
1.	International Trade by M L Jhingan
2.	International Trade and Export management by Francis Cherunilam
3.	Foreign Exchange & Risk Management by C. Jeevanandam
4.	International Economics by Dominick Salvatore
5.	International Economics by D.M.Mithani
6.	International Economics by H.L.Bhatia
7.	Money, Banking and International Trade by K.P.M.Sundharam
8.	International Economics by C.P. Kindleberger
9.	Money Banking and International Trade by M.L.Seth
10	International Economics- Chandan Sharma

Urban Planning and Development
Open Elective Paper under NEP

Program Name: BA in Economics	Semester: Third Semester
Course Title: Urban Planning and Development	
Course Code: OE-3.5	No. of Credits 3
Contact hours 42 Hours	Duration of SEA/Exam 2 hours
Formative Assessment Marks 40	Summative Assessment Marks 60

Outcomes of the Study:

At the end of the Course the student will be able to –

- a) Get a clear picture of the dichotomy between rural areas and urban areas.
- b) Appreciate India’s urban development over the years.
- c) Analyse impediments to urban development.
- d) Discern bad governance and good governance in the urban realm.

UNIT I: EXPLORING URBAN ECONOMICS

Chapter 1: Nature and Scope of Urban Economics (5 Hrs.)

Definition of Urban Area, Town, City, Urbanisation, Sub-urbanisation – characteristics of urban area - Scope and Importance of Urban Economics –Concept of Rurban

Chapter 2: Urban Development (5 Hrs.)

Need for urban development – Objectives of urban development- Theories: Concentric Zone Theory, Central Place Theory and Public Choice Theory.

Chapter 3: Urban Activities (4 Hrs.)

Urban Occupation structure – Characteristics of Urban employment – Rural-Urban Linkages – Urban Agglomeration- Smart City Mission.

UNIT II: Urban Economy

Chapter 4: India’s Urban Economy (4 Hrs.)

Salient Features – Urban Policies and Programmes – Strategies – Problems and Prospects of Urban economy

Chapter 5: Issues in Urban Infrastructural Development (5hrs.)

Urban Poverty , Urban Unemployment. Issues in Urban infrastructure- housing, health, education and sanitation – Transport bottlenecks.

Chapter 6: Urban Planning [5Hrs.]

Principles of Urban Planning- Types and levels of planning- stages in planning process- Land Acquisition and Resettlement Act.

UNIT III: Urban Issues and Governance

Chapter 7: Urban Environmental Problems (5hrs.)

Urban environmental problems– slums, pollution, Solid Waste Management- Urbanisation and sustainable development.

Chapter 8: Trade and Tourism (5 hrs.)

Trade and Tourism in towns and cities - Wholesale trade – Retail trade – E-tailing – Urban Tourism- positive or negative effects.

Chapter 9: Urban Administration (4hrs.)

Urban Local Bodies - Types, Functions and Resources — Good governance - Sustainable and liveable cities – People’s participation.

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

Select References

(Kindly refer latest editions of the books)

1. Arthur O'Sullivan Urban Economics
2. Bruenckner, Jan K. Lectures on Urban Economics
3. K. Siddhartha & S Mukherjee Cities, Urbanisation and Urban Systems (Settlement Geography)
4. B. Bhattacharya. Urban Development in India since Pre-Historic Times
5. R. Ramachandran. Urbanization and Urban Systems
6. C S Yadav (Ed.) Perspectives in Urban Geography
7. Bob Avis The Agglomeration
8. C. S, Yadav Rural – Urban Fringe
9. Ajay Gupta. Rural Management – CBS Publication
10. Ravindra Kumar B., Jayasheela and Vilas M. Kadrolkar (Eds.), Demographic Dividend for India: A Step Forward, New Delhi: Global Research Publications, 2012, ISBN 978-81-61-89635-4
11. Jayasheela, Ravindra Kumar B, and Vilas M. Kadrolkar, Urbanisation and Economic Transition, Global Research Publications, 2012, ISBN: 978-81-8973110-65-2

DIGITAL ECONOMICS

Open Elective Paper under NEP

Program Name: BA in Economics	Semester: Third Semester
Course Title: Digital Economics	
Course Code: OE-3. 6	No. of Credits 3
Contact hours 42 Hours	Duration of SEA/Exam 2 hours
Formative Assessment Marks 40	Summative Assessment Marks 60

Course Outcome:

- To understand how the digital economy influences markets and society.
- To get broad knowledge in digital economic activities
- For wider understanding of selected technical topics in the digital economy such as digital payments and digital currencies
- Acquire theoretical knowledge necessary to understand the nature of digital technologies and to effectively manage their implementation.
- Finding new opportunities in the Digital Economy.

Syllabus

Unit 1

Chapter 1 Introduction to Digital Economy

Meaning of Digital economy –Definitions-Objectives-Major attributes of digital economy-Advantages and disadvantages-Components of digital economy. 5 hrs

Chapter 2 ICT as a factor of Digital Transformation

Meaning of ICT- Types of ICT tools- Application of ICT in agricultural sector- Role of ICT in economic growth of India-Factors affecting the use of ICT. 5 hrs

Chapter 3 E- Markets

Meaning-Importance of E-markets- Traditional market Vs e-markets-Types of e-markets- working of e-markets- e-marketing mix 5 hrs

Practicum: Project report on e-commerce sites

Unit 2

Chapter 4 Digital Goods and Services

Meaning and characteristics- Externalities- Digital public goods- Benefits and examples- digital monopolies and oligopolies. 5 hrs

Chapter 5 Government and Digital Economy

Role of Government in digital transformation- Regulating the digital economy- Challenges of digital transformation 4 hrs

Chapter 6 Digital Currency

Meaning-types-crypto currencies, Bit coins-features-advantages and disadvantages-recent developments 4 hrs

Practicum: Report on crypto currencies usage in India

Unit 3

Chapter 7 Digital Banking

Meaning-Features-Growth of Digital Banking in India-Types of Digital banking- Mobile banking, Internet Banking, E Valet, NEFT, RTGS. 5 hrs

Chapter 8 Social Media and Economic growth

Meaning-Types-Social Media platforms for business-Impact of social media on economic growth 5 hrs

Chapter 9 Consumer Behavior in Digital economy

Effect of digital transformation in consumer behavior-Impact of New Consumer Protection Act of 2019 on e-commerce-the future of digital economy 4 hrs

Practicum: Visit the branch of any commercial bank and write a survey report on popular digital payment services offered to the customers.

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

References:

1. Digital Economics: by Harald Overby and Jan A Audestad
2. Introduction to Digital Economics: Foundations, Business Models and Case Studies- by Harald Overby and Jan A Audestad
3. The Digital Economy - by Don Tapscott
4. Digital Economics: by Richard McKenzie
5. The Digital Economy- by Tim Jordan
6. Principles of Digital Economics- by Zhiyi Liu

Program Name	BA in Economics	Semester	Fourth Semester
Course Title	Macroeconomics		
Course Code:	DSC-4.1	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. Understand the Theories of National Income Accounting</p> <p>CO2. Explain the process of Consumption and Investment Functions</p> <p>CO3. Evaluate the Concept of Multiplier and Inflation</p>	
Content of Theory	42 Hrs
Unit-1: Theory of National Income Determination	14 Hrs
<p>Chapter:1 Classical Framework:</p> <p>1. Typical Features of classical theory of employment; Assumptions</p> <p>2. Basis of Classical theory:</p> <ul style="list-style-type: none"> ➤ Say's Law ➤ Pigou's wage price flexibility ➤ Fisher's Quantity theory of money ➤ Knut Wicksell's loanable funds theory ➤ Classical dichotomy and neutrality of money <p>3. Criticism of classical theory</p>	7

<p>Chapter-2: The Keynesian Framework</p> <ol style="list-style-type: none"> 1. Introductory: connecting growth of national income to development; why incomes of all fall or rise? Are income, output, and employment related? 2. Some Basic concepts: The idea of equilibrium and identity; ex- ante and ex-post concepts. 3. Aggregate Demand and its components <ol style="list-style-type: none"> a. Consumption function: Algebraic and Graphical explanation; Marginal and Average propensity to consume 	7
<ol style="list-style-type: none"> <ol style="list-style-type: none"> b. Investment function; savings and investment relationship. 4. Aggregate Supply: Meaning and graphical explanation; Effective demand 5. Determination of national income in Keynes' two sector economy with Aggregate Demand and Aggregate Supply with fixed prices: Analytical / Graphical and algebraic explanation; numerical problems 6. Determination of national income in Keynes' two sector economy with investment and savings with fixed prices: Analytical / Graphical and algebraic explanation; numerical problems 	
<p>Unit -2: Aggregate Consumption and Investment</p>	15Hrs
<p>Chapter-3: Theories of Determinants of Consumption:</p> <ol style="list-style-type: none"> 1. Keynesian Psychological Law of consumption; determinants 2. Permanent Income hypothesis of Milton Friedman 	5
<p>Chapter-4: Investment:</p> <ol style="list-style-type: none"> 1. Types of investment 2. Determinants of investment: <ol style="list-style-type: none"> a. rate of interest b. marginal efficiency of capital: meaning and determinants; 	5
<p>Chapter-5: Concepts of Multiplier and Accelerator</p> <ol style="list-style-type: none"> 1. Investment Multiplier: Meaning and assumptions. 2. multiplier; leakages; 	5
<p>Unit -3: Monetary Economics</p>	13 Hrs

Chapter-6: Money Supply: 1. Concept of Money Supply; recent measures of money supply as suggested by RBI 2. Determinants of money supply: a. high powered money b. money multiplier 3. The reserve ratio and deposit multiplier	5
Chapter-7: Money demand: 1. Cash transactions approach (only meaning) and 2. Cambridge approach (Only Marshall's equation) 3. The liquidity preference approach of Keynes	4
Chapter-8: Inflation and Unemployment: 1. Phillips Curve 2. Wage cut theory and employment	4

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

References	
1	Ackley, G. (1976), Macroeconomics: Theory and Policy, Macmillan Publishing Company, NewYork.
2	Ahuja H (2016), Macro Economics- theory and policy, S Chand and Co

3	Dwivedi DN (2016) Macro Economics: Theory and Policy, Tata McGraw-Hill
4	Heijdra, B.J. and F.V. Ploeg (2001), Foundations of Modern macroeconomics, Oxford University Press, Oxford.
5	Keynes, J.M. (1936), The General theory of Employment, Interest and Money, Macmillan, London.
6	Lucas, R. (1981), Studies in Business Cycle Theory, MIT Press, Cambridge, Massachusetts
7	Somashekar Ne. Thi., Principles of Macroeconomics, Scientific International Pvt. Ltd., Publications New Delhi
8	Somashekar Ne. Thi., ಸಮಗೌ ಅರಥಶಾಸ್ತ್ರ, Siddalingeshwara prakashana, Kalburgi.
9	H. R. Krishnaiah Gowda ಸಮಗೌ ಅರಥಶಾಸ್ತ್ರ, Mysore book house prakashana, Mysore.

Program Name	BA in Economics	Semester	Fourth Semester
Course Title	Statistics for Economics		
Course Code:	DSC-4.2	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. Understand the nature of Data and their presentation</p> <p>CO2. Calculate Descriptive statistics like measures of central tendency and dispersion</p> <p>CO3. Apply statistical techniques like correlation and regression in Economic analysis</p>	
Content of Theory	42 Hrs
Unit-1: Preliminaries	12 Hrs
Chapter:1 Introduction to Statistics: Meaning and Importance of Statistics, Functions of Statistics, Types of Statistics: Descriptive Statistics and Inferential Statistics-Variables; Qualitative Variable and Quantitative Variable	4
Chapter-2: Datatypes, Sources and Collection of Data: Qualitative and Quantitative Data - CrossSection Data, Time Series Data and Panel Data - Primary and Secondary sources of Data – Methods of Collecting Primary Data	4
Chapter-3: Tabulation and Presentation of Data: Classification and tabulation of data - Frequency distributions – Continuous and Discrete frequency distribution. Graphical presentation- Histogram- frequency polygon - Ogive Curves -Bar Diagram, Pie Chart	4
Unit -2: Measures of Central Tendency and Dispersion	14 Hrs

Chapter-4: Arithmetic Average: Definition of Central Tendency, Types of Central Tendency: Arithmetic Mean: Meaning and Properties of Arithmetic Mean – Computation of Arithmetic Mean	5
Chapter-5: Positional Averages-Median and Mode: Definition and importance of Median-Calculation of Median- Definition and importance of Mode - Calculation of Mode.	4
Chapter-6: Dispersion: Meaning of Dispersion- Measures of Dispersion- Range- Quartile deviation- mean deviation - Standard deviation - Coefficient of Variation and Their Computation	5
Unit -3: Correlation, Regression and Time Series Analysis	16 Hrs
Chapter-7: Correlation: Meaning of Correlation - Types of correlation - Methods of measuring Correlation- Karl Pearson’s correlation coefficients	5
Chapter-8: Regression: Meaning and Importance of Regression - Regression Equation - Estimation of regression equation - Applications of regression equation in Economics	6
Chapter-9: Time Series Analysis: Definition of Time Series – Components of Time Series –Estimation and Forecasting of Trend	5

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare a report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

References

1	Gupta S P. (2012) Statistical Methods, S. Chand and Company, New Delhi.
2	S. C. Gupta, (New edition) Fundamentals of Statistics, Himalaya publishing house, Mumbai.
3	S. N. Yogish, Statistical methods for Economists- Mangaldeep publications, Jaipur.
4	Anderson, Sweeney & Williams, (2002) Statistics for Business & Economics, Thomson South-Western, Bangalore.
5	Daniel and Terrel: Business Statistics for Management and Economics; oaghton Mifflin Co., Boston,Toronts, 7th Edition, 1995, PP 1 to 972 + 6 Appendices
6	Medhi, J., Statistical Methods: An Introductory Text, Wiley, 1992
7	Morris H. Degroot and Mark J. Schervish, "Probability and Statistics", 4th edition, 2012.
8	Teresa Bradley, Essential Statistics for Economics, Business and Management, John Willey Publisher, 2007

Program Name	BA in Economics	Semester	Fourth Semester
Course Title	Karnataka Economy		
Course Code:	OE 4.1	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to:CO1. Understand the nature of economic growth and problems of Karnataka state. CO2. Explain the process of structural growth in Karnataka Economy CO3. Evaluate the policies and programmes undertaken by the Govt. of Karnataka for bringing about socio-economic development	
Contents	42 Hrs
Unit-1: Karnataka Economy – An overview	12 Hrs
Chapter:1 Characteristics of Karnataka Economy <ul style="list-style-type: none"> ○ Features of Karnataka Economy ○ Trends and sectoral distribution of State Domestic Product and Per Capita Income ○ Measures to redress regional imbalances – Dr. Nanjundappa Committee Report,Article 371J 	5
Chapter-2: Human Resources <ul style="list-style-type: none"> ○ Human Resources: importance, Size and Health indicators ○ Human Development Index ○ Poverty and Unemployment– Eradication Programmes 	4
Chapter-3: Natural Resources Management <ul style="list-style-type: none"> ○ Natural Resources: Importance and volume of different natural resources ○ Karnataka Environmental Policy 	3
Practicum: conduct field visit to Forest/Reservoir/Mining and prepare the report	
Unit -2: Agriculture, Rural development, and Industries in Karnataka	18 Hrs

Chapter-4: Agriculture <ul style="list-style-type: none"> ○ Problems in Agriculture ○ Land Reforms 	7
<ul style="list-style-type: none"> ○ Cropping Pattern ○ Irrigation: importance, important irrigation projects and watershed development projects. ○ Farmers Suicide – Causes and Solutions 	
Chapter-5: Rural Development <ul style="list-style-type: none"> ○ Public Distribution System ○ Rural Development Programmes (brief) ○ Government Schemes for Rural Women 	4
Chapter-6: Industries in Karnataka <ul style="list-style-type: none"> ○ Major Industries in Karnataka - Problems and Prospects ○ MSMEs - Problems and Measures ○ IT Industries in Karnataka ○ Industrial Finance in Karnataka ○ Industrial Policy of Karnataka 	7
Practicum: visit to industrial units in local area and prepare the report/Trace-out the impact of Prof. D. M. Nanjundappa Committee report	
Unit -3: Infrastructure and Finance in Karnataka	12 Hrs
Chapter-7: Economic Infrastructure <ul style="list-style-type: none"> ○ Transportation: Road, Rail, Water and Air Transport ○ Information and Communication Technology Facilities 	3
Chapter-8: Social Infrastructure <ul style="list-style-type: none"> ○ Drinking Water ○ Housing and Sanitation ○ Health and Education ○ Rural Electrification 	4
Chapter-9: State Finance <ul style="list-style-type: none"> ○ Sources of Revenue: Direct and Indirect Taxes ○ Impact of GST on Karnataka economy ○ State Expenditure ○ State Finance Commission ○ Current State Budget (Brief) 	5
Practicum: Discussion on State budget	

Pedagogy

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Preparea report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

References	
1	Government of Karnataka, Economic Survey [Various Issues]
2	Planning Department, Annual Publication, Government of Karnataka.
3	Karnataka at Glance, Annual Publication Government of Karnataka.
4	Madaiah M & Ramapriya. Karnataka Economy Growth: Issues and Development, Himalaya Pub.,House, NewDelhi.
5	Adul Aziz and K.G. Vasanti. (Eds) Karnataka Economy.
6	Government District Development Reports
7	Hanumantha Rao. Regional Disparities and Development in Karnataka.
8	Krishnaiah Gowda H.R. Karnataka Economy, Spandana Publications, Bangalore
9	Somashekar Ne. Thi., ಕರ್ನಾಟಕ ಆರ್ಥಿಕತೆ, Siddalingeshwara publications, Kalburgi.
10	Nanjundappa D.M. Some Aspects of Karnataka Economy.
11	Puttaswamiah K. Karnataka Economy, Two Volume

Program Name	BA in Economics	Semester	Fourth Semester
Course Title	Entrepreneurial Economics		
Course Code:	OE 4.2	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

<p>Course Outcomes (COs): After the successful completion of the course, the student will be able to:</p> <p>CO1. Start own business as Entrepreneur</p> <p>CO2. Enabling the students to find career opportunities in business.</p> <p>CO3. To enable the students to gain knowledge and skills needed to run a business successfully.</p>	
Contents	42 Hrs
Unit-1: Entrepreneur and Entrepreneurship	12 Hrs
<p>Chapter 1: Entrepreneur and Entrepreneurship – Meaning, Definitions, Evolution, types- Characteristics, qualities, functions of entrepreneur- Distinction between entrepreneur and manger, Distinction between entrepreneur and intrapreneur,</p> <p>Chapter 2: Role and importance of Entrepreneurship in economic development: Role and importance- Factors influencing entrepreneurship'- Psychological, social, Economic and Environmental.</p> <p>Chapter 3: New generations of entrepreneurship viz. social, Health, Tourism and Women entrepreneurship; Barriers to entrepreneurship.</p>	
Unit -2: Launching Entrepreneurial Ventures	18 Hrs

Chapter 4: Generation of ideas: Methods and process - sources of ideas - screening process- Assessing Opportunities-Challenges, pitfalls and critical factors of new venture;

Chapter 5: Business Plan- New Ventures: Steps involved in setting up a Business – identifying, selecting a Good Business opportunity, Market Survey and Research, Techno-Economic Feasibility Assessment.

Chapter 6: Role of Innovation & Creativity: Innovation- Meaning and importance of innovation; Types of innovation; Sources of innovation; Conditions for effective innovation at Organization level;

Chapter 7: Creativity: Concept and process of creativity; role and importance of creativity and mental blocks to creativity; branding, trademarks, patents, copyrights, and registered design protection-Methods of protecting innovation and creativity.

Unit -3: Business and Entrepreneurial development

12 Hrs

Chapter 8: Entrepreneur Assistance: Assistance to an entrepreneur-Industrial Park (Meaning, features, & examples)-Special Economic Zone (Meaning, features & examples)-Financial assistance by different agencies-License, Environmental Clearance, e-tender process, Excise exemptions and concession, Exemption from income tax -Quality Standards with special reference to ISO.

Chapter 9: Business and Entrepreneurial development - Determining and acquiring required resources (Financial, Physical and Human): Search for entrepreneurial capital- Debt vs. Equity; Venture Capital Market; Angel Financing and Alternative sources of finance for Entrepreneurs. Entrepreneurship development programme (EDP) in India– Objectives, Phases, and inputs of EDP; - Government initiatives for entrepreneurship – Make in India, Start-up India, MUDRA etc.

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	

Case study / Field work / Project work/ Industrial Visit and Prepara report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

References	
1	Donald F Kuratko, "Entrepreneurship – Theory, Process and Practice", 9 th Edition, CengageLearning, 2014.
2	Khanka. S.S., "Entrepreneurial Development" S.Chand & Co. Ltd., Ram Nagar, New Delhi, 2013.
3	Kuratko and Rao, Entrepreneurship: A South Asian Perspective; Ferrell, Fraedrich, Farrell, BusinessEthics, Cengage Learning
4	Entrepreneurship, R. Saibaba, Kalyani Publishers, New Delhi.
5	Entrepreneurship Development and Business Ethics, Sanjeet Sharma – V.K. Global Pvt. Ltd., NewDelhi
6	SS Khanka, Entrepreneurial Development, S. Chand & Co, Delhi.

References	
7	Desai, Vasant. Dynamics of Entrepreneurial Development and Management. Mumbai, HimalayaPublishing House
8	Plsek, Paul E. Creativity, Innovation and Quality (Eastern Economic Edition), New Delhi:Prentice-Hall of India. ISBN-81-203-1690-8.
9	Singh, Nagendra P. Emerging Trends in Entrepreneurship Development. New Delhi: ASEED.
10	Entrepreneurship Development and Business Ethics - M K Nabi, K C Rout, Vrinda Publications (P)Ltd
11	Robert Hisrich and Michael Peters, Entrepreneurship, Tata Mc Graw– Hill Vasant Desai, Entrepreneurship
12	Marc J Dollinger, Entrepreneurship – Strategies and Resources, Pearson Education
13	Venkateshwara Rao and Udai Pareek,(Eds)Developing Entrepreneurship-A Handbook
14	Ravi J. Mathai, Rural Entrepreneurship A Framework in Development Entrepreneurship – Ahandbook



Program Name	BA in Economics	Semester	Fourth Semester
Course Title	Economics and Law		
Course Code:	OE 4.3	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

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

- CO1. Comprehend the basic economic issues affecting the economy along with the related legal provisions
- CO2. Acquire knowledge on the basic provisions of law relating to consumer activities, business organizations, environment
- CO3. To appreciate the understanding the law framework in order to frame the economics model closer to reality.
- CO4. To enable the students to understand the consequences of legal rules, primarily as an exercise in applied microeconomics, macroeconomics, industrial and international economics.

Contents	42 Hrs
Unit-1: Economic analysis of law	14 Hrs
Chapter 1: Introduction to legal reasoning	5
<ul style="list-style-type: none"> • Efficiency. • Markets and efficiency. • Market failure. • Coase theorem and related ideas, 	

<p>Chapter 2: welfare economics</p> <ul style="list-style-type: none"> • Compensation principles. • Social welfare function. • Maximization problem; 	4
<p>Chapter 3: Economic Reasoning</p> <ul style="list-style-type: none"> • Nature of economic reasoning. • Economic approach to law • History • Criticism. 	5
<p>Practicum:</p> <ol style="list-style-type: none"> 1. Group Discussions on Economic reasoning 2. Assignment on Coase theorem and related issues 	
Unit -2: An Introduction to Law and Legal Institutions	
<p>Chapter 4: Law</p> <ul style="list-style-type: none"> • Definition • Territorial Nature of Law • Kinds of Law • General Law and Special Law • Kinds of Special Law 	4
<p>Chapter 5: Civil law and the and the Common Law Traditions</p> <ul style="list-style-type: none"> • The institutions of the federal and State Court systems; • The nature of legal dispute, • How legal rules evolve. 	4
<p>Practicum:</p> <ol style="list-style-type: none"> 1. Group Discussions on Civil law and the and the Common Law Traditions 2. Assignment on the different kinds of Law 	
Unit -3: Economic Laws	

<p>Chapter 6: Law Relating to Consumer Activities</p> <ul style="list-style-type: none"> • Bargaining theory. • Economic theory of contract. • Defining tort law, • Economics of tort liability. • Definition of Consumer 	5
<ul style="list-style-type: none"> • Consumer protection; The Consumer Protection Act, 2019 • Consumer courts. 	
<p>Chapter 7: Law of Business Organizations</p> <ul style="list-style-type: none"> • Structure of firm — Kinds, Corporations, • Capital, Shares, Debentures, Insiders' trading, • RBI, IRDA, MRTP, Role of SEBI, 	5
<p>Chapter 8: Macroeconomics and Law</p> <ul style="list-style-type: none"> • Inequality; Contract theory of Distributive justice • Economic and social costs of poverty • Wealth distribution by Liability Rules • Taxation and efficiency • National and global environmental problems and international environmental agreements <p>— their legal and economic implications</p>	6

Practicum

1. Hold the moot court in the classroom and let there be discussion consisting of at least two or more different views on National and Global environment problems and acts
2. Discuss the case studies on Economic and social costs of poverty and consumer court judgements protecting the consumers

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Preparea report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

References	
1	Bouckaert, B. and G. De Geest (Ed.) (1999), Encyclopaedia of Law and Economics, (Volume I to V), Edward Elgar Publishing Ltd., U.K.
2	Cooter, R.D. and T.S. Ulen, (2000), Law and Economics, (3rd Edition), Addison Wesley, New York.
3	Dan-Schmidt, K.G. and T.S. Ulen (Ed.) (2000), Law and Economic Anthology, Addison Wesley, New York.
4	Newman, P. (Ed.) (1998), The New Palgrave Dictionary of Economics and Law, Stockton Press, New York.
5	Oliver, J.M. (1979), Law and Economics, George Allen and Unwin, London.

6	Posner, R.A. (1998), <i>Economic Analysis of Law</i> , (5th Edition), Little Brown, Boston.
7	Posner, R.A. and F. Parisi (Eds.) (1997), <i>Law and Economics</i> , Edward Elgar Publishing Ltd., U.K.
8	Massey, I.P. (1995), <i>Administrative Law</i> , Eastern Book Company, Lucknow.
9	Indian Law Institute, <i>Annual Survey of Indian Law</i> , Indian Law Institute, New Delhi.



Program Name	BA in Economics	Semester	Fourth Semester
Course Title	Economics of GST		
Course Code:	OE 4.4	No. of Credits	3
Contact hours	42 Hours	Duration of SEA/Exam	2 Hours
Formative Assessment Marks	40	Summative Assessment Marks	60

Course Outcomes (COs): After the successful completion of the course, the student will be able to: CO1. Acquire knowledge on indirect taxes with special reference to GST

CO2. Acquire the theoretical and application knowledge of GST and its Evolution in India CO3. To enable the students to understand the GST Law, ITC,

Valuation of supply and returns

CO4. Simple calculation of GST and Input Tax Credit, Valuation of Supply (Numerical on valuation and calculation of tax)

Contents	Hrs
Unit-1: Introduction to Economics of GST	14 Hrs
Chapter 1: Indirect taxes before GST	5
<ul style="list-style-type: none"> • Indirect Taxes-Meaning, Types with examples • Constitutional framework of Indirect Taxes before GST (Taxation Powers of Union & State Government) • Concept of VAT: Meaning, Variants and Methods; 	

<p>Chapter 2: Reforms in Indirect Taxes</p> <ul style="list-style-type: none"> • Major Defects in the structure of Indirect Taxes prior to GST; Need for Tax reforms • Kelkar committee on Tax Reforms 	4
<p>Chapter 3: Introduction to GST</p> <ul style="list-style-type: none"> • Rationale for GST; • Constitution [101st Amendment] Act, 2016; • GST- Meaning, Overview of GST • Taxes subsumed under GST • Territorial Jurisdiction of GST 	5
<ul style="list-style-type: none"> • Multiple rates of GST • Recent reforms in GST 	
<p>Practicum:</p> <ol style="list-style-type: none"> 1. Group Discussions on Indirect Taxes defects prior to GST 2. Assignment on Types of Indirect Taxes prior to GST and After introduction of GST 	
<p>Unit – 2 Fundamentals of GST</p>	12 Hrs
<p>Chapter 4: GST Structure in India,</p> <ul style="list-style-type: none"> • GST: Advantages and Disadvantages • One Nation-One Tax, • Structure of GST; • Features of Single and Dual GST Model 	4
<p>Chapter 5: Dual GST Mode and GST Council</p> <ul style="list-style-type: none"> • Dual GST Mode in India: I SGST, CGST, UTGST & IGST); • Goods and Services Tax Network [GSTN], • GST Council; Creation, Members, Decisions, Compensation to states. • GST Network, • Registration, 	4

<p>Practicum:</p> <ol style="list-style-type: none"> 1. Group Discussions on advantages and disadvantages of GST 2. Hold the moot of GST Council in the class room and decide the different slabs of GST 	4
<p>Unit -3: Taxes and Duties</p>	16 Hrs
<p>Chapter 6: Transactions and taxes covered and not covered</p> <ul style="list-style-type: none"> • Transactions and taxes covered under GST • Taxes and duties outside the purview of GST • Tax structure Computation • Administration of Tax on items containing alcohol, petroleum products, tobacco products • Taxation on services 	4
<p>Chapter 7: Levy and Collection of Tax</p> <ul style="list-style-type: none"> • Taxable event- “Supply” of Goods and Services • Place of Supply: Within state, Interstate Levy and Collection • Import and Export; Time of supply • Valuation for GST- Valuation rules, • Taxability of reimbursement of expenses; • Exemption from GST: Small supplies and Composition Scheme Classification of Goods and Services: Composite and Mixed Supplies. 	6

Chapter 8: Input Tax Credit	6
<ul style="list-style-type: none"> • Eligible and Ineligible Input Tax Credit • Apportionments of Credit and Blocked Credits • Tax Credit in respect of Capital Goods • Recovery of Excess Tax Credit • Availability of Tax Credit in special circumstances • Transfer of Input Credit (Input Service Distribution) • Payment of Taxes; Refund; Doctrine of unjust enrichment 	
Practicum	
<ol style="list-style-type: none"> 1. Simple illustrations on calculation of GST and Input Tax Credit, 2. Valuation of Supply (Numerical on valuation and calculation of tax) 3. Simple calculation Adjustment of Input tax credit against output CGST, SGST, IGST. 	

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

References	
1	The Central Goods and Services Tax, 2017
2	The Integrated Goods and Services Tax, 2017

3	The Union Territory Goods and Services Tax, 2017
4	The Goods and Services Tax (Compensation to States), 2017
5	The Constitution (One hundred and First Amendment) Act, 2016
6	Gupta, S.S. , <i>GST- How to meet your obligations (April 2017)</i> , Taxmann Publications
7	Datey,V.S. (2019) . <i>Indirect Taxation</i> . New Delhi <i>Vastu and Sevakar Vidhan</i> by Government of India
8	Mehrotra, H.C. & Goyal, S.P.(2019), <i>Indirect Taxes</i> , Agra: Bhawan Publications.



Public Economics

Program Name: BA in Economics	Semester: Fourth Semester
Course Title: Public Economics	
Course Code: OE-4.5	No. of Credits 3
Contact hours 42 Hours	Duration of SEA/Exam 2 hours
Formative Assessment Marks 40	Summative Assessment Marks 60
<p>Course Outcomes (COs):</p> <p>CO1. Understand the significance of Public economics in developing economies.</p> <p>CO2. Understanding the public sector activities.</p> <p>CO3. Understand and analyse the different canons of taxation.</p> <p>CO4. Knowledge on Public Expenditure, its principles and classifications</p> <p>CO5. Understand the mechanics of the government budget.</p>	
Contents	42 Hrs
Unit 1 Nature & Scope of Public Economics	
Chapter 1 Public Economics	4hrs
<p>Meaning, Definitions & Scope of Public Economics</p> <p>Components of Public Economics</p> <p>Fiscal functions of the government</p>	
Chapter 2 Public finance	4hrs
<p>Difference between Public Finance and Private Finance</p>	

<p>Role of Public Finance in Developing Economies</p> <p>Public goods- features</p> <p>Externalities</p>	
<p>Chapter 3 Principle of Public Finance</p> <p>Principle of Maximum Social Advantage- Pigou and Musgrave's version</p>	3hrs
Practicum: Project work on, Private Goods and Public Utilities- Types	
Unit 2 Public Revenue, Public Expenditure and Public Debt	
<p>Chapter 4 Public Revenue</p> <p>Meaning</p> <p>Sources of Public Revenue- Tax and Non- tax sources</p> <p>Canons of taxation- Adam Smith & Bastable's canons</p> <p>Taxable Capacity- Meaning & Determinants</p> <p>Direct Tax: Types</p> <p>Indirect Tax: GST</p>	6hrs
<p>Chapter 5 Public Expenditure</p> <p>Causes for increase in public expenditure</p> <p>Types or Classification of public expenditure</p> <p>Principles of public expenditure</p>	5hrs
<p>Chapter 6 Public Debt</p> <p>Meaning & Sources</p> <p>Types of Public debt</p> <p>Methods of public debt redemption</p>	5hrs
Practicum: Discussion on GST Collection & Its Impact	
Unit 3 Budget and Financial Administration	

Chapter 7 Budget	5hrs
Meaning & Types of Budget	
Components of Budget	
Budgetary deficit- types	
Chapter 8 Fiscal Policy	5hrs
Meaning & Objectives	
Instruments of Fiscal Policy	
Role of fiscal policy in developing economies	
Chapter 9 Deficit Financing	5hrs
Meaning & Definitions	
Role of Deficit Financing in developing economies	
Safe limits of deficit financing	
FRBM Act	

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

Sl. No	References
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1	Public Economics- B P Thyagi
2	Public Finance in Theory and Practice- Dr. S K Singh
3	Public Finance and Fiscal Policy- Rabindra Kumar Choudhury
4	Public Finance- R K Lekhi & Joginder Singh
5	Public Finance- Ambar Ghosh & Chandana Ghosh
6	Public Finance Theory and Approach- N Radhakrishnan
7	Public Finance In Theory and Practice- Richard A Musgrave & Peggy B Musgrave
8	Public Finance- H L Bhatia
9	Public Finance- David N Hyman
10	Economics of Public Finance- Om Prakash

POPULATION STUDIES
Open Elective Paper under NEP

Program Name: BA in Economics	Semester: Fourth Semester
Course Title: Population Studies	
Course Code: OE-4.6	No. of Credits 3
Contact hours 42 Hours	Duration of SEA/Exam 2 hours
Formative Assessment Marks 40	Summative Assessment Marks 60

Outcomes of the Study

- OC 1. Understand the theories of population
- OC 2 Get an idea of the concepts like nuptial rate fertility rate, maternal mortality rate, reproductive rate, etc.
- OC 3 Identify the relationship between population and employment
- OC 4 Appreciate the population policies as they have evolved
- OC 5 Attain capability to contribute to do population research

Syllabus

UNIT I: INTRODUCTION [12]

Chapter 1: Source of Population Data (6)

- World: Census, Registration of vital events. Demographic Surveys, Population Registers.
- India: Census, Sample Registration Scheme, and Civil Registration System (CRS), National Sample Survey (NSS)

Chapter 2: Theories of Population (4)

- Malthusian Theory

- Theory of Optimum Population
- Theory of Demographic Transition

Chapter 3: Change in Population (4)

- Composition of India's population.
- Demographic Composition.
- Social Composition.
- Economic Composition.

UNIT II: Chapter 4: Methods of Demographic/Population Analysis (6)

- Rate of Population Growth: Arithmetic, Exponential, and Geometric
- Cohort and cross-sectional indicators.
- Crude rates and standardized methods.
- Methods of population projections.

Chapter 5: Nuptiality, Mortality and Fertility (4)

- Details referring to fertility and sources of nuptiality (the frequency or incidence of marriage within a population).
- Birth Rate – trend
- Mortality – Concepts and trends
- Fertility – concept and trend

Chapter 6: Migration and Urbanisation (4)

- Concepts and numerous types of Migration.
- Urbanization and economic development.
- Density, Slums and Solutions

UNIT III: Chapter 7: Environment and Population Growth (7)

- Concepts, relevance, definitions, measurement.
- The interrelationship between population growth, environment, and sustainable development.
- Environment Development Index.

- Implications of population growth on food supply, sanitation, housing, employment, health and education

Chapter 8: Population and Gender (4)

- Marginalisation of girls and women
- Women Empowerment: meaning, policies and progress
- Gender Development Index

Chapter 9: Population Policies and Programs (3)

- National Population policy 2000.
- Family Welfare Program in India.
- Policy of HRD

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Preparea report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

- ***Note: Strictly follow the Practicum***

References

1. Rajendra K. Demography and Population Problems
2. Asha AB Principles of Population Studies
3. T R Malthus, An Essay on the Principle of Population
4. Hans Raj Population Studies
5. David Y. Demography the Study
6. Shashi Bushan Demography
7. M L Jhingan Demography

CORPORATE ECONOMICS
Open Elective Paper under NEP

Program Name: BA in Economics	Semester: Fourth Semester
Course Title: Corporate Economics	
Course Code: OE-4.7	No. of Credits 3
Contact hours 42 Hours	Duration of SEA/Exam 2 hours
Formative Assessment Marks 40	Summative Assessment Marks 60

Learning outcome:

- To inculcate business attitude and develop skills among students to pursue higher education, world of work including self employment.
- To develop students with an understanding of the processes of business and its environment;
- To acquaint students with the dynamic nature and interdependent aspects of business;
- To develop an interest in the theory and practice of business, trade and industry;
- To familiarize students with theoretical foundations of the process of organizing and managing the operations of a business firm;

- To help students appreciate the economic and social significance of business activity and the social cost and benefits arising there from;
- To acquaint students with the practice of managing the operations and resources of business;
- To enable students to act more effectively and responsibly as consumers, employers, employees and citizens;

Unit 1 Evolution and Fundamentals of corporate economics

Chapter-1: Introduction, meaning, Definitions, Nature, Scope, Objectives, Features and importance. 6hrs

Chapter -2: Industry-types: primary, secondary, tertiary Meaning and subgroups. Industrial development as a means of economic development. 5hrs

Chapter-3: Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) 6hrs

Practicum: A Industrial Visit with a report

Unit 2 Public, Private and Global Enterprises

Chapter-4: Public sector and private sector enterprises – features and concepts. 3hrs

Chapter-5: Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company. 3hrs

Chapter-6: Global Enterprises – Feature. Public private partnership – concept 3hrs

Practicum: Visit to a public enterprise and prepare report

Unit 3 Small Business and Enterprises

Chapter-7: Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship 6hrs

Chapter-8: Role of small business in India. Problems of small scale enterprises. MSMEs 4hrs

Chapter-9: Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) 6hrs

Practicum: Visit to beneficiary of governmental schemes and submit a report

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

Formative Assessment for C1 & C2		
Assessment Occasion/ type	Marks	
	C1	C2
Internal Test	10	10
Assignment/Seminar	05	
Quiz	05	
Case study / Field work / Project work/ Industrial Visit and Prepare report	-	10
Total	40 Marks	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

Note: Strictly follow the Practicum

References:

1. Corporate Economics Kindle Edition by V.G. Kondalkar
2. The Corporate Economy Growth, Competition, and Innovative Potential By Robin Marris & Adrian Wood
3. Modern Economics- By H L Ahujha
4. Managerial Economics And Business Strategy By Michael R Baye & Jeffrey T Prince
5. Managerial Economics By D N Dwivedi
6. Economic Environment & Business By H L Ahujha
7. Indian Economy By Ramesh Singh
8. Corporate Economic Laws By C A Munish Bhandari
9. Industrial Economics By Barthwal

Question Paper Pattern for UG Semester DSC & OEC

Paper Code:

Paper Title:

Duration of Exam 2 Hours

Max Marks 60 Marks

Instruction: Answer all the sections

Section-A

**1. Answer ALL the following sub-questions, each sub-question carries ONE mark
(10X1=10)**

- A.
- B.
- C.
- D.
- E.
- F.
- G.
- H.
- I.
- J.

Section-B

**Answer any FOUR of the following questions, each question carries FIVE marks
(4X5=20)**

- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Section-C

**Answer any THREE of the following questions, each question carries TEN marks
(3X10=30)**

- 8.
- 9.
- 10.
- 11.
- 12.