Model Curriculum

of

B.Sc. Honours
in
Economics

3rd & 4th Semester

Karnataka State Higher Education Council

Program Structure for undergraduate program in Economics B.SC. (Basic&Honors) for 3rd & 4th Semester

	Paper Code	Title of the paper	Credits point
III Semester	DSC-3.1	Factor pricing and Welfare Economics	3
	DSC-3.2	Basic Econometrics	3
	Choose any one the following		
	OE-3.7.1	Rural Economics	3
	OE-3.7.2	Economics of Insurance	
	OE-3.7.3	Economics of Human Development	
		Total	**09**
IV Semester	DSC-4.1	Monetary Economics	3
	DSC-4.2	Time Series Economics	3
	Choose any one the following		
	OE-4.7.1	Karnataka Economy	3
	OE-4.7.2	Entrepreneurial Economics	
	OE-4.7.3	Economics and Law	
	OE-4.7.4	Economics of GST	
		Total	09

FACTOR PRICING AND WELFARE ECONOMICS
DSC-3.1

Program Name	**BSc in Economics**			Semester	**Third Semester**
Course Title	**Factor pricing and Welfare Economics**				
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**

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

CO1. Understand the meaning of factor incomes and factor pricing.

CO2. Recognize basic supply and demand analysis of factors in perfect and imperfect market situations.

CO3. Understand the meaning of social welfare and means to maximize it.

CO4. Identify causes inhibiting attainment of maximum social welfare.

CO5. Explain the meaning and significance of general equilibrium

CO6. Recognize the causes of market failure.

CO7. Identify problems related to asymmetric information.

CO8. Analyse the need for government intervention in the economic activities.

Contents	42 Hrs
Unit–1: Factor Pricing and General Equilibrium-I	**13 Hrs**
Chapter:1 Meaning and Significance of factor pricing - Functional (factor) and personal incomes - Demand and Supply of Factors of Production in Perfect and Imperfect Competitive Markets.	5
Chapter:2 Factor pricing in perfectly competitive markets - Marginal productivity theory of factor pricing	4
Chapter:3: Factor pricing in imperfectly competitive markets - Monopsony power: Trade Unions and wage determination - Bilateral monopoly	4
Practicum • Collecting information on labour supply to understand the reasons for its backward bending • Describing the graphs used in Chapter2 • Describing the graphs used in Chapter3 • Conducting class seminars about the above theories	
Unit -2: Factor Pricing and General Equilibrium-II	**15**

	Hrs
Chapter:4: Theories of wages, rent, interest, and profits (Brief conceptual discussion): **Rent**: Ricardian Theory, Modern Theory, and Quasi Rent. **Wages**: Subsistence Theory, Wage-Fund Theory, Residual Claimant Theory, Marginal Productivity Theory and Modern Theory	5
Chapter 5 Interest: Classical Theory - Keynesian Liquidity Preference Theory **Profit**: Dynamic Theory, Innovation Theory, Risk-bearing Theory and Uncertainty bearing Theory	5
Chapter 6 Circular flow - Partial and general equilibrium - General equilibrium in production and exchange (Edgeworth box and Pareto optimality in consumption and production) - Walrasian general equilibrium analysis	5
Practicum • Analyzing information on Capital supply and demand to understand the reasons for movements of equilibrium • Describing the graphs used in Chapters • Conducting class seminars about the said theories	
Unit -3: Welfare Economics	**14 Hrs**
Chapter 6: Individual welfare and social welfare – Pigou's Welfare Economics - Social welfare function – Kaldor-Hicks Compensation criteria - Arrow's impossibility theorem - Theory of second best.	4
Chapter 7: Market failure – Meaning of Market Efficiency – Reasons for Market Failure - Externalities, public goods, property rights and Coase Theorem	3
Chapter 8: Asymmetric information - Meaning - adverse selection, moral hazards, agency problems	3
Chapter 9: Government Intervention – Need for Public Policy - Price ceiling, floor - Taxes, subsidies, Tariffs and quotas - production, import and export quotas – Economics Justification for Welfare Schemes	4

Practicum:

- Conducting surveys to understand the notion of welfare
- Collecting information on various sources of market failure
- Documenting the causes and consequences of adverse selection and moral hazards in the day-to-day life of students
- Preparing a list of government programmes and giving justification for it from the point of view of Economics

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): *Principles of Microeconomics*, S. Chand and Co., New Delhi
2	Mankiw, N. Gregory (2020). *Principles of Economics* (Ninth ed.). Boston, MA.
3	Jhingan, M.L. (2016): *Microeconomics*, Vrinda Publications, New Delhi
4	Koutsoyianis, A (1979): *Modern Microeconomics,* London, Macmillan
5	Omkarnath, G. (2012: *Economics: A Primer for India*, Orient Blackswan, Hyderabad
6	Salvatore, Dominick (2008) Microeconomics Theory and Applications, Oxford University Press, New York
7	Samuelson, Paul (2004): *Economics*, McGraw-Hill, New Delhi
8	https://www.core-econ.org/the-economy/book/text/0-3-contents.html

BASIC ECONOMETRICS
DSC-3.2

Program Name	**BSc in Economics**		Semester	**Third Semester**
Course Title	**Basic Econometrics**			
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**

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

CO1. The students will be able to carry out ordinary least square regressions

CO2. as well as multiple regressions, which are at the very foundation of quantitative economic analysis.

CO3. The course is designed to make students familiar with more complex cases where the standard assumptions of the classic linear regression may not hold.

Contents	42 Hrs
Unit–1: Nature and Scope of Econometrics	**12 Hrs**
Chapter:1 Introduction to Econometrics: Meaning of Econometrics, Nature and scope of Econometrics- relationship with economics, mathematics and statistics Methodology of econometrics-Types of Econometrics	4
Chapter:2 Understanding Regression Model: The Historical Origin of the Term Regression-Modern Interpretation of Regression-Scatter Diagram-Regression Line- Statistical versus Deterministic Relationships-Regression versus Causation-Regression versus Correlation-Terminologies	4
Chapter:3 Two Variable Regression Analysis: Basic Idea-Conditional Mean-Conditional Probability-Population Regression Function (PRF)-Meaning of Linearity-Stochastic Specification of PRF-Significance of Error Term-Sample Regression Function	4
Unit -2: Regression Model: The Problem of Estimation	**14 Hrs**
Chapter 4 Method of Estimation: The Method of Ordinary Least Square-Point Estimator-Interval Estimator-Classical Linear Regression Model Assumptions-Properties of Least Square Estimators: The Gauss-Markov Theorem	4

Chapter-5: Estimation and Validation: Coefficient of Determination-Explained Sum of Squares-Residual Sum of Squares-Total Sum of Squares; Hypotheses Testing: precision of estimators- standard error-t-test- testing significance Individual Coefficients-Level of Significance	5
Chapter-6: Multiple Regression Analysis: Three Variable Regression Model-Estimation-Interpretation-Validation: Individual Coefficients (t-test)- Overall Significance (F-test) Model Fit: R-Squared and Adjusted R-Squared	5
Unit -3: Relaxing CLRM Assumptions and Advanced Regression Models	**16 Hrs**
Chapter 7-The Problems in Regression Model: Multicollinearity: Nature-Identification-Consequences-Detection- Remedial Measures; Heteroscedasticity: Nature-Identification-Consequences-Detection- Remedial Measures; Autocorrelation: Nature-Identification-Consequences-Detection- Remedial Measures	6
Chapter 8 Dummy Variable Regression Models: Nature of Dummy Variables – Specification of Dummy – Dummy Variable Trap – ANOVA – ANCOVA Models	6
Chapter 9 : Simultaneous Regression Model: Nature-simultaneous equation bias-Inconsistency of OLS estimators –Structural and Reduced form equations – Identification Problem- Under – Exact – Over identification –Rules of identification- Order and Rank condition- Introduction to methods of estimation-ILS-2SLS-IV-LIMLE-SUR-3SLS- FIMLE	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 a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

	References
1	Studenmund A. H., "Using Econometrics: A practical Guide", Pearson Education, 7th Ed,2017
2	Stock, J. H. and Watson, M. W., "Introduction to Econometrics", Pearson, 3rd Ed, 2015.
3	Brooks, C., "Introductory Econometrics for Finance", Cambridge University press, 4th Ed,2019
4	Baum, C. E., "An Introduction to Modern Econometrics Using Stata", Stata Press, 2006.
5	Gujarati, D. N., "Econometrics by Example", Red Globe Press, 2nd Ed, 2014
6	Koutsoyiannis, A, Theory of Econometrics
7	Wooldridge, J. M., "Introductory Econometrics: An Introductory Approach", Southwestern, Cengage Learning, 5th Ed, 2013
8	Gujarati, D. N., Porter D.C., Gunasekar S., "Basic Econometrics", Mc Graw Hill, 5th Ed, 2012
9	MarnoVerbeek, 2017,"A Guide to Modern Econometrics", John Wiley & Sons, Ltd, 5th Edition.
10	Enders, W., "Applied Econometric Time Series", Wiley 4th Edition, 2018.
11	Baltagi, B.H. "Econometric analysis of panel data", John Wiley and Sons, 5th Edition,2013
12	Pindyck, R.S. and Rubin Feld, D.L., "Econometric Models and Economic Forecasts" 4th Ed
13	Jeffrey M. Wooldridge Econometric Analysis of Cross Section and Panel Data, MIT Press

RURAL ECONOMICS
OE-3.7.1

Program Name	**BSc in Economics**		Semester	**Third Semester**
Course Title	**Rural Economics**			
Course Code:	**OE-3.7.1**		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. To Understand the basics of rural development,

CO2. To study the characteristics, problems, and programmes of rural redevelopment

CO3. To study the trends and patterns of economic activities in rural areas

CO4. To study the role of infrastructural facilities and governance in rural development

CO5. To enable the students to know about significance of rural enterprises and agricultural allied activities.

Contents	42 Hrs
Unit–1: Basic Concepts of Rural Economy	**12 Hrs**
Chapter:1 - Introduction to Rural Economy Meaning and Objectives of Rural economy Characteristics of Rural Economy Indicators of Rural Development Concepts of inclusive and sustainable development	5
Chapter:2 - Approaches to Rural Development Gandhian Model Community Development Approach, Minimum Needs Approach, Integrated Rural Development and Inclusive Growth Approach.	4

Chapter:3 - Poverty and Unemployment in Rural India	5
Meaning and Measurement of Poverty	
Causes of Poverty	
Farm and Non-farm employment	
Measurement and Types employment	
Review of Poverty Alleviation and Employment Generation Programmes in India.	
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: Rural Infrastructure: MSMEs, Banking, Health and Education	**14 Hrs**
Chapter 4- Rural Enterprises	5
Meaning and Importance, Classification of MSME	
Progress and Problems of MSME	
Khadi and Village Industries	
Chapter-5: Rural Banking and Finance	4
Credit Co-operative Societies	
Regional Rural Banks	
Role of NABARD	
Microfinance Institutions	
Chapter-6: Rural Infrastructure	5
Educational and Health Infrastructure	
Housing and Sanitation	
Drinking Water Supply	
Rural Transport and Communication	
Rural Electrification	
Practicum:	
• Write an assignment on Rural infrastructure	
• Write a small report on Rural Industry	

Unit -3: Governance and Development Programmes	14 Hrs
Chapter 7- Rural Development Programmes Wage Employment Programmes Self-employment and Entrepreneurship Development Programmes Rural Housing Programmes Rural Sanitation Programmes	4
Chapter 8 - Rural Markets Meaning and Types of Rural Markets Defects and Government Measures for Removal of Defects in rural markets Co-operative Marketing Societies Meaning and Importance of Regulated Markets Digital Marketing(e-NAM)	5
Chapter 9 - Rural Governance Legislations powers, Functions, and sources of revenue of Panchayat Raj Institutions Role of NGOs in rural development People's participation in rural development	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 a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

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, New Delhi.
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.

ECONOMICS OF INSURANCE
OE-3.7.2

Program Name	**BSc in Economics**		Semester	**Third Semester**
Course Title	**Economics of Insurance**			
Course Code:	**OE-3.7.2**		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.   Gain knowledge relating to the importance of the insurance in the life of human beings.

Contents	**42 Hrs**

Unit–1: Introduction to Economics of Insurance

Chapter:1 - Fundamentals of Economics of insurance

- ➢ Definition of insurance
- ➢ Scope of economic of insurance
- ➢ Importance of insurance

Chapter:2 - The conceptual framework

- ➢ 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

- ➢ 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 Prepare a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

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, New Delhi.
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.

ECONOMICS OF HUMAN DEVELOPMENT

OE-3.7.3

Program Name	**BSc in Economics**		Semester	**Third Semester**
Course Title	**Economics of Human Development**			
Course Code:	**OE-3.7.3**		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. 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.

Contents	**42 Hrs**
Unit–1: Introduction to Human Development	**12 Hrs**
Chapter 1: Human Growth and Human Development - Basic Needs Approach - Quality of Life Approach - Capability Approach	
Chapter 2: Human Resource Development (HRD), Human Resource Management (HRM).	
Chapter 3: Human Development: meaning and definition, importance, and objectives.	
Unit -2: Human Security, SDGs and Approaches to Human Development.	**12Hrs**
Chapter 4: Human Security: Economic security - Food security - Health security - Environmental security - Personal security - Community security - Political security.	
Chapter 5: Sustainable Development Goals (SDGs): Understanding the SDGs - Linkages between human development and the SDGs.	
Chapter 6: Indian Perspectives and Experience with Human Development: Approach to human development in national plans	
Unit -3: Dimensions and Measurement of Human Development	**18 Hrs**
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.	

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).

Chapter 9: Selected Issues in Human Development: Impact of Globalisation on Human Development - Trade and Human Development. - Technology and Human Development

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

<table>
<tr><th colspan="3">Formative Assessment for C1 & C2</th></tr>
<tr><th rowspan="2">Assessment Occasion/ type</th><th colspan="2">Marks</th></tr>
<tr><th>C1</th><th>C2</th></tr>
<tr><td>Internal Test</td><td>10</td><td>10</td></tr>
<tr><td>Assignment/Seminar</td><td>05</td><td></td></tr>
<tr><td>Quiz</td><td>05</td><td></td></tr>
<tr><td>Case study / Field work / Project work/ Industrial Visit and Prepare a report</td><td>-</td><td>10</td></tr>
<tr><td>**Total**</td><td colspan="2">**40 Marks**</td></tr>
<tr><td colspan="3">*Formative Assessment as per NEP guidelines are compulsory*</td></tr>
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	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 Gopakl, 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), ICFAI UNIVERSITY PRESS

References	
8	Papalia, D.E. , Olds, S.W. and Feldman, R.D. (2006). Human development.9th Ed. New Delhi: Tata McGraw- Hill.
9	Rao, T.V and Pareek, Udai (2005) Designing and Managing Human Resource Systems, Oxford IBH Pub. 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 Resource Development, Response Books, New Delhi
15	United Nations Development Programme (2005); 'Course Curriculum on Human Development-An Outline', 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

MONETARY ECONOMICS
DSC-4.1

Program Name	BSc in Economics		Semester	Fourth Semester
Course Title	**Monetary Economics**			
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**

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

CO1. Understand the operation of the overall monetary economy and money

CO2. What constitutes supply and demand for money as well as theories and approaches.

CO3. Monetary policy and inflation and its impact on welfare

Contents	42 Hrs
Unit–1: Introduction to money and monetary economics	**15 Hrs**
Chapter:1 Introduction: ➢ Theoretical and empirical definition of money ➢ Role and Functions of Money ➢ Paper currency – system of Note issue ➢ weighted monetary aggregates	5
Chapter-2: Money demand and supply ➢ Concepts of supply and demand for money ➢ Microeconomic determinants of the demand for money and macroeconomic money demand functions ➢ Financial intermediaries, banks, and money creation ➢ Money supply and price level ➢ Determinants of money supply ➢ High powered money ➢ Money multiplier ➢ The reserve ratio and deposit multiplier	10

Unit -2: Theories and approaches of demand for and supply of money	15 Hrs
Chapter-3: Theories of demand for money and supply: ➢ Tobin's portfolio selection and Baumol's transaction demand for money ➢ Friedman's restatement of quantity theory of money ➢ Endogenous money supply, Kaldor's theory	8
Chapter-4: Approaches - demand for money and supply: ➢ Laidler's buffer stock approach ➢ Gurley-Shaw's approach ➢ Behavioural approach of money supply	7
Unit -3: Inflation and Monetary Policy	**12 Hrs**
Chapter-5: Inflation: ➢ Inflation – Types – causes – effects and Remedies ➢ Monetarist view on Inflation-Concept of core inflation ➢ measures of inflation (CPI, WPI, Core, Headline, GDP deflator) ➢ Monetary Targeting-Inflation targeting ➢ Interest rate targeting-p-star model ➢ Rule vs. discretion in the conduct of monetary policy ➢ central bank's -measures of monetary control	5
Chapter-6: The welfare effects of inflation and monetary policy: ➢ Neutrality and super neutrality of money, welfare costs, and the inflation tax ➢ The Classical model, flexible price economies and monetary policy ➢ Rational expectations, representative agents and real business cycle theory. MIU, CIA, Lucas supply functions and the effects of monetary policy. ➢ The new Keynesian approach to monetary policy — nominal rigidities: ➢ New Keynesian Phillips curve, IS Curve, Taylor rules, financial accelerator models.	7

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		

References	
1	Chandler, L. V. and S. M. Goldfeld, The Economics of Money and Banking, Harper &
2	Row, New York, 1977.
3	M.L.Seth - Money Banking and International Trade ,Tata McGraw Hill Company Ltd.,
4	New Delhi, 1999.
5	Gupta, S B, Monetary Economics Institutions and policy, S.Chand& Co., New Dehi,
6	1995.
7	Mithani.D - Money Banking and International Trade.
8	Patinkin, Money, Interest and Prices, Harper and Row, New York.
9	Khan M. Y., Indian Financial System, Tata McGraw Hill, New Delhi, 1996.
10	Somashekar Ne. Thi., Principles of Macroeconomics, Scientific International Pvt. Ltd., Publications New Delhi
11	Somashekar Ne. Thi., ಸಮಗ್ರ ಅರ್ಥಶಂಸ್ತ್ರ, Siddalingeshwara prakashana, Kalburgi.
12	H. R. Krishnaiah Gowda ಸಮಗ್ರ ಅರ್ಥಶಂಸ್ತ್ರ, Mysore book house prakashna, Mysore.

TIME SERIES ECONOMETRICS
DSC-4.2

Program Name	**BSc in Economics**			Semester	**Fourth Semester**
Course Title	**Time Series Econometrics**				
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**

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

CO1. Deal with comprehensive set of tools and techniques for analysing various forms of univariate and multivariate time series

CO2. Understand the current literature in applied time series.

CO3. Use statistical packages like STATA, E-views, SPSS and the like

Content of Theory	42 Hrs
Unit–1: Dynamic Econometric Models - Autoregressive and Distributed Lag Models	**12 Hrs**
Chapter:1 Role of lag in economics – Reasons for lag –distributed lag model – autoregressive model- Estimation of distributed lag models – Ad Hoc estimation – Koyck approach –mean lag- median lag	4
Chapter-2: **Rationalization of Koyck model** – Adaptive expectation model- stock adjustment or partial adjustment model –Combination of Adaptive expectation and partial adjustmentmodels.	4
Chapter-3: **Estimation of Autoregressive models**: Method of instrumental variables (IV)-detection of autocorrelation in autoregressive models – Durbin h test- The Almon Approach to Distributed-Lag Models: The Almon or Polynomial Distributed Lag (PDL)	4
Unit -2: Time Series Econometrics	**14 Hrs**
Chapter-4: Basic Concepts of Time Series: Stylised characteristics of time series data- Basic concepts of time series model- stochastic process-, Stationary Process, Non-stationary process-random walk model – random walk without drift- random walk with drift –random walk around stochastic trend	4
Chapter-5: Unit Root Tests: spurious regression – non-stationarity or unit root tests – Graphs – Autocorrelation function (ACF)-partial autocorrelation function (PACF) The Augmented	4

Dickey–Fuller (ADF) Test - The Phillips–Perron (PP) Unit Root Tests - A Critique of the Unit Root Tests- Transforming Nonstationary Time Series –difference stationary –Trend stationary.	
Chapter-6: Cointegration: Meaning – Regression of unit root time series – Testing for Cointegration – Engle-Granger two step test – Johansen test: maximum eigenvalue test Trace test- Phillips –Ouliaris three step test-Error correction mechanism	6
Unit -3: Time Series Econometrics: Forecasting	**16 Hrs**
Chapter-7: Approaches to Economic Forecasting: exponential smoothing – Single equation regression models – Simultaneous equation regression models – ARIMA models	3
Chapter-8: AR, MA, and ARMA and ARIMA Models: Autoregressive models (AR)- Moving average models(MA)-Autoregressive moving average models(ARMA)- Autoregressive integrated moving average models (ARIMA)	6
Chapter-9: Box-Jenkins (BJ) Methodology: Steps involved in BJ method – Identification: Autocorrelation function (ACF)-partial autocorrelation function (PACF) –Estimation-Diagnostic checking- Forecasting	7

Pedagogy: Classroom lecture, tutorials, Problem solving exercise

<table>
<tr><th colspan="3">Formative Assessment for C1 & C2</th></tr>
<tr><th rowspan="2">Assessment Occasion/ type</th><th colspan="2">Marks</th></tr>
<tr><th>C1</th><th>C2</th></tr>
<tr><td>Internal Test</td><td>10</td><td>10</td></tr>
<tr><td>Assignment/Seminar</td><td>05</td><td></td></tr>
<tr><td>Quiz</td><td>05</td><td></td></tr>
<tr><td>Case study / Field work / Project work/ Industrial Visit and Prepare a report</td><td>-</td><td>10</td></tr>
<tr><td>**Total**</td><td colspan="2">**40 Marks**</td></tr>
<tr><td colspan="3">*Formative Assessment as per NEP guidelines are compulsory*</td></tr>
</table>

References	
1	Gujarati, D. N., Porter D.C., Gunasekar S., "Basic Econometrics", Mc Graw Hill, 5th Ed, 2012
2	Marno Verbeek, 2017,"A Guide to Modern Econometrics", John Wiley & Sons, Ltd, 5th Edition.
3	Enders, W., "Applied Econometric Time Series", Wiley 4th Edition, 2018
4	Baltagi, B.H. "Econometric analysis of panel data", John Wiley and Sons, 5th Edition,2013
5	Koutsoyiannis, A, Theory of Econometrics

References	
6	Brooks, C., "Introductory Econometrics for Finance", Cambridge Universitypress, 4th
7	Edition, 2019
8	Baltagi, B.H. "Econometric analysis of panel data", John Wiley and Sons, 5thEdition,2013
9	Pindyck, R.S. and Rubinfeld, D.L., "Econometric Models and EconomicForecasts" 4th Ed
10	Jeffrey M. Wooldridge Econometric Analysis of Cross Section and PanelData, MIT Press
11	Wooldridge, J. M., "Introductory Econometrics: An Introductory Approach",SouthWestern, Cengage Learning, 5th Edition, 2013

KARNATAKA ECONOMY
OE- 4.7.1

Program Name	**BSc in Economics**		Semester	**Fourth Semester**
Course Title	**Karnataka Economy**			
Course Code:	**OE 4.7.1**		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 o Features of Karnataka Economy o Trends and sectoral distribution of State Domestic Product and Per Capita Income o Measures to redress regional imbalances – Dr. Nanjundappa Committee Report, Article 371J	5
Chapter-2: Human Resources o Human Resources: importance, Size and Health indicators o Human Development Index o Poverty and Unemployment– Eradication Programmes	4
Chapter-3: Natural Resources Management o Natural Resources: Importance and volume of different natural resources o Karnataka Environmental Policy **Practicum**: conduct field visit to Forest/Reservoir/Mining and prepare the report	3
Unit -2: Agriculture, Rural development, and Industries in Karnataka	**18 Hrs**
Chapter-4: Agriculture o Problems in Agriculture o Land Reforms	7

o Cropping Pattern	
o Irrigation: importance, important irrigation projects and watershed development projects.	
o Farmers Suicide – Causes and Solutions	
Chapter-5: Rural Development o Public Distribution System o Rural Development Programmes (brief) o Government Schemes for Rural Women	4
Chapter-6: Industries in Karnataka o Major Industries in Karnataka - Problems and Prospects o MSMEs - Problems and Measures o IT Industries in Karnataka o Industrial Finance in Karnataka o Industrial Policy of Karnataka **Practicum**: visit to industrial units in local area and prepare the report/Trace-out the impact of Prof. D. M. Nanjundappa Committee report	7
Unit -3: Infrastructure and Finance in Karnataka	**12 Hrs**
Chapter-7: Economic Infrastructure o Transportation: Road, Rail, Water and Air Transport o Information and Communication Technology Facilities	3
Chapter-8: Social Infrastructure o Drinking Water o Housing and Sanitation o Health and Education o Rural Electrification	4
Chapter-9: State Finance o Sources of Revenue: Direct and Indirect Taxes o Impact of GST on Karnataka economy o State Expenditure o State Finance Commission o Current State Budget (Brief) **Practicum**: Discussion on State budget	5

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 Prepare a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

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

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ENTREPRENEURIAL ECONOMICS
OE 4.7.2

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Program Name	**BSc in Economics**		Semester	**Fourth Semester**
Course Title	**Entrepreneurial Economics**			
Course Code:	**OE 4.7.2**		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. Start own business as Entrepreneur

CO2. Enabling the students to find career opportunities in business.

CO3. To enable the students to gain knowledge and skills needed to run a business successfully.

Contents	**42 Hrs**
Unit–1: Entrepreneur and Entrepreneurship	**12 Hrs**

Chapter 1: Entrepreneur and Entrepreneurship – Meaning, Definitions, Evolution, types- Characteristics, qualities, functions of entrepreneur- Distinction between entrepreneur and manger, Distinction between entrepreneur and intrapreneur,

Chapter 2: Role and importance of Entrepreneurship in economic development: Role and importance- Factors influencing entrepreneurship'- Psychological, social, Economic and Environmental.

Chapter 3: New generations of entrepreneurship viz. social, Health, Tourism and Women entrepreneurship; Barriers to entrepreneurship.

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 Prepare a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

References	
1	Donald F Kuratko, "Entrepreneurship – Theory, Process and Practice", 9 th Edition, Cengage Learning, 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, Business Ethics, Cengage Learning
4	Entrepreneurship, R. Saibaba, Kalyani Publishers, New Delhi.
5	Entrepreneurship Development and Business Ethics, Sanjeet Sharma – V.K. Global Pvt. Ltd., New Delhi
6	SS Khanka, Entrepreneurial Development, S. Chand & Co, Delhi.

	References
7	Desai, Vasant. Dynamics of Entrepreneurial Development and Management. Mumbai, Himalaya Publishing 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

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ECONOMICS AND LAW
OE- 4.7.3

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Program Name	**BSc in Economics**		Semester	**Fourth Semester**
Course Title	**Economics and Law**			
Course Code:	**OE 4.7.3**		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 • Efficiency. • Markets and efficiency. • Market failure. • Coase theorem and related ideas,	5
Chapter 2: welfare economics • Compensation principles. • Social welfare function. • Maximization problem;	4

Chapter 3: Economic Reasoning	5
• Nature of economic reasoning.	
• Economic approach to law	
• History	
• Criticism.	

Practicum:
1. Group Discussions on Economic reasoning
2. Assignment on Coase theorem and related issues

Unit -2: An Introduction to Law and Legal Institutions	12 Hrs
Chapter 4: Law	4
• Definition	
• Territorial Nature of Law	
• Kinds of Law	
• General Law and Special Law	
• Kinds of Special Law	
Chapter 5: Civil law and the and the Common Law Traditions	4
• The institutions of the federal and State Court systems.	
• The nature of legal dispute,	
• How legal rules evolve.	

Practicum:
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	16 Hrs
Chapter 6: Law Relating to Consumer Activities	5
• Bargaining theory.	
• Economic theory of contract.	
• Defining tort law,	
• Economics of tort liability.	
• Definition of Consumer	

• Consumer protection; The Consumer Protection Act, 2019 • Consumer courts.	
Chapter 7: Law of Business Organizations • Structure of firm — Kinds, Corporations, • Capital, Shares, Debentures, Insiders' trading, • RBI, IRDA, MRTP, Role of SEBI,	5
Chapter 8: Macroeconomics and Law • 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 — their legal and economic implications	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 Prepare a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

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

ECONOMICS OF GST
OE- 4.7.4

Program Name	BSc in Economics		Semester	Fourth Semester
Course Title	**Economics of GST**			
Course Code:	**OE- 4.7.4**		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	42 Hrs
Unit–1: Introduction to Economics of GST	**14 Hrs**
Chapter 1: Indirect taxes before GST • 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;	5
Chapter 2: Reforms in Indirect Taxes • Major Defects in the structure of Indirect Taxes prior to GST; Need for Tax reforms • Kelkar committee on Tax Reforms	4
Chapter 3: Introduction to GST • Rationale for GST; • Constitution [101st Amendment] Act, 2016; • GST- Meaning, Overview of GST • Taxes subsumed under GST • Territorial Jurisdiction of GST	5

• Multiple rates of GST	
• Recent reforms in GST	

Practicum:	
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	

Unit – 2 Fundamentals of GST	**12 Hrs**
Chapter 4: GST Structure in India,	4
• GST: Advantages and Disadvantages	
• One Nation-One Tax,	
• Structure of GST;	
• Features of Single and Dual GST Model	
Chapter 5: Dual GST Mode and GST Council	4
• Dual GST Mode in India: l SGST, CGST, UTGST & IGST);	
• Goods and Services Tax Network [GSTN],	
• GST Council; Creation, Members, Decisions, Compensation to states.	
• GST Network,	
• Registration,	
Practicum:	4
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	

Unit -3: Taxes and Duties	**16 Hrs**
Chapter 6: Transactions and taxes covered and not covered	4
• 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	

Chapter 7: Levy and Collection of Tax	6
• 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.	
Chapter 8: Input Tax Credit	6
• 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

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 a report	-	10
Total	**40 Marks**	
Formative Assessment as per NEP guidelines are compulsory		

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. , *GST- How to meet your obligations (April 2017),* Taxmann Publications
7	Datey,V.S. (2019) . *Indirect Taxation*. New Delhi *Vastu and Sevakar Vidhan* by Government of India
8	Mehrotra, H.C. & Goyal, S.P.(2019), Indirect Taxes, Agra: Bhawan Publications.

CBCS – 2021 Onwards

Subject: Economics

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

Section-A

Answer any **Four of the** following sub-questions, each sub-question carries **TWO marks**	(4X2=8)

1.

2.

3.

4.

5.

6.

Note for Section-A: **Concept based**

Section-B

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

7.

8.

9.

10.

11.

12.

Note for Section-B: **Minimum Two question from each unit (Q No 7 to 12)**

Section-C

Answer any **Four** of the following questions, each question carries Eight marks	(4X8=32)

13.
14.
.
.
18

Note for Section-C: **Minimum Two question from each unit (Q No 13 to 18).**