



BANGALORE UNIVERSITY
DEPARTMENT OF ECONOMICS
Jnanabharathi campus
BANGALORE-560056

BOS Approved Syllabus for I&II semester Economics papers
For Under Graduation (UG) Programme
Framed according to the National Education Policy (NEP 2020)
For both B.A Honors and B.SC Honors

(Implemented from the Academic year 2021-22)

SEPTEMBER 2021

Introduction

Economics is a popular and much sought-after course owing to its policy relevance and application to business as well as real life situations. However, in the conventional graduate programmes, Economics education was more class-room based with very less practical orientation. Further, with changing technology, emergence of newer issues like uncertainty, pandemics, and climate change and business data analytics; the skill requirements are changing. New business models demand newer skills to successfully manage the change. Therefore, keeping in mind the aspirations of the NEP, the emerging skill matrix and the progression of the student at various levels, the state level Curriculum Committee of Economics finalized the programme structure to be taught for BA/B.Sc. (Basic and Honours). Finally the syllabus is finalised in UG BOS for the further process.

NEED FOR CURRICULUM DEVELOPMENT

As per the NEP 2020 initiatives, it is intended to formulate Curriculum to eliminate the disparities among the students studying in different Universities/Institutes. The need for the curriculum development in Economics emerges due to the following reasons

1. Changing Economic Scenario; The Indian Economy is witnessing a radical amount of the changes in the economic policies since the introduction of the New Economic policy in 1991, followed by second and third generation reforms. India is not only inviting the FDI but at the same time also promoting Atmanirbhar Abhiyaan (A Self-reliant India). Market economy has expanded creating new opportunities and hence a new economics curriculum is prepared which helps the student to utilize the emerging.

2. Credit transfer: Credit transfer is approved by the UGC and the Government that allows the students to transfer course from their existing university to a new UGC approved university. The same number of credits in all the Universities in Karnataka is the first step towards the credit transfer from University to University.

3. Different Syllabus for BA and BSC in Economics: All these years the BA and BSC in Economics had the same syllabus and as a path breaking the committee has prepared the separate syllabus for BA and BSC in Economics which suits to the needs of the changing time.

4. Skill Enhancement: The new curriculum focuses more on hands on training, internship and thereby enhancing the skills of the students. The papers like data analytics etc further helps to develop the skills in the students.

PEDAGOGY

The goal of economics pedagogy is to awaken a student's critical consciousness and empower them with economic tools that helps them in taking the crucial decision which helps them with economic tools through which they can make the efficient choices in managing scarce resources such as resources, money and time.

1. **Importance to theory as well as application:** These entire years economics curriculum was concentrating more on teaching theoretical aspects, but then curriculum gives importance to application through many hands-on training, case studies, empirical studies etc.
2. **Utilisation of ICT:** in order to make the Critical and creative thinking among the students better the ICT tools will be used. It includes case studies of research-led teaching, via presentations, websites and other media
3. **Research-based and research-led teaching:** The theories will be explained with application. In order to give more hands-on training, the Projects and internships are introduced in the economics curriculum. The students will do the research project of their choice under the supervision of the research guide.
4. **Exposure to math's and statistics:** in today's world, economics is using more of statistics and mathematics in economic analysis. Hence the curriculum is designed in such away which gives more exposure to maths and statistics training.
5. **Brain Storming Approach:** Students will be deliberately involved either in groups or as individuals to deliberately discuss the possible implications or solutions to the Indian economic problems. The teacher will guide the process and help the students to think in right perspective and direction. This will help the teachers understand the extent of the student understanding and take corrective steps, but also helps in student involvement in the curriculum.
6. **Prominence to Indian economic contribution and Indian examples;** The western economic theories were taught ignoring the contribution of Indian economists. The new curriculum also emphasis on the Indian economist contribution, their theories and application. The teachers may highlight the Indian economic contribution and Indian examples in the pedagogy.

Exit Options and Credit Requirements

A Certificate / Diploma/ Bachelor Degree or Bachelor Degree with Honors in Economics both in BA/B.Sc.in Economics is awarded at the completion of every progressive year.

Exit Optionwith	Certificate/Diploma/Degree/ Honors
Successful completion of First year(two semesters)of the Four years multidisciplinary undergraduate degreeprogramme.	Certificate in Economics (Arts/Science)
Successful completion of second year(four semesters)of the four years multidisciplinary undergraduate degreeprogramme	Diploma in Economics (Arts/Science)
Successful completion of three year (six semesters) of the four years multidisciplinary undergraduate degree programme	Bachelor of Arts/Science Degree in Economics
Successful completion of four year (eight semesters) ofthefouryearsmultidisciplinaryundergraduatedegree programme	Bachelor of Arts/ Science Degree with Honours in Economics
Successful completion of Five year(Ten semesters)of the fiveyearsmultidisciplinary degreeprogramme	Master of Arts/ Science Degree With Honours in Economics

A student will be allowed to enter/re-enter only after the odd semester and they can only exit after even semester. Re-entry at various as lateral academic programmes based on the above mentioned earned proficiency test records. The validity of the eared credit will be for a maximum period year or as specified by the academic bank of credits (ABC).

CONTINUOUS INTERNAL EVALUATION AND SEMESTER ENDEXAMINATION

Total marks for each course shall be based on continuous assessments and term end examinations. As per the decision of the Karnataka State Higher Education Council, it is necessary to have uniform pattern of 40: 60 for CIA and Semester End examinations respectively, among all the Universities, their affiliated and autonomous colleges. The state level committee deliberated on the same and suggested the following pattern for the CIE Marks. The BOS will also decided to follow the same pattern.

Sl.No.	ParametersfortheEvaluation	Marks
Continuous Internal Evaluation(CIE)		
A	Continuous&ComprehensiveEvaluation(CCE)	20Marks
B	InternalAssessmentTests(IAT)	20Marks
	Total of CIE(A+B)	40Marks
C	Semester End Examination(SEE)	60Marks
	Totalof CIEandSEE(A+B+C)	100Marks

Evaluation process of IA marks may be as follows:

- The first component (C1), of assessment is for 200 marks. This shall be based on test, assignment, seminar, case study, field work, project work etc. This assessment and score process should be completed after completing 50% of syllabus of the course/s and within the first half of the semester.
- The second component (C2), of assessment is for 20 marks. This shall be based on test, assignment, seminar, case study, field work, internship / industrial practicum / project work etc. This assessment and score process should be based on completion of the remaining 50 percent of syllabus of the courses of the semester.
- During the 17th – 20th week of the semester, a semester end examination of 3 hours duration shall be conducted by the University for each Course. This forms the third and final component of assessment (C3) and the maximum marks for the final component will be 70%.
- In case of a student who has failed to attend the C1 or C2 on a scheduled date, it shall be deemed that the student has dropped the test. However, in case of a student who could not take the test on scheduled date due to genuine reasons, such a candidate may appeal to the concerned teacher/ Program Coordinator / HOD and suitable decision taken accordingly.
- For assignments, tests, case study analysis etc., of C1 and C2, the students should bring their own answer scripts (of A4 size), graph sheets etc., required for such tests/assignments and these be stamped by the concerned department using their department seal at the time of conducting tests/ assignment/work etc. The outline for continuous assessment activities for Component-I(C1) and Component-II(C2) of a course shall be as under:

Outline for continuous assessment activities for C1 and C2

Activities	C1	C2	Total Marks
Session Test	10marks	10marks	20
Seminars etc.	05marks		05
Case study / Assignment /Field work / Project work/Academic Economics	05 marks	05 marks	10
Quiz/Review of the Book/ etc			
Total	<u>20marks</u>	<u>20marks</u>	<u>40</u>

Suggestive Template for IAT

Internal Assessment Test

BA/B.Sc.in Economics

Course Code:

Duration:90 Minutes

Name of the Paper:

Total Marks: 60

SECTION-A

Answer any two of the following questions.(Questions for testing conceptual clarity)
(5X2=10)

- 1.
- 2.
- 3.

SECTION-B

Answer anyone of the following questions. (Questions for testing the knowledge of theories and application)
(10X2=20)

- 5.
- 6.

SECTION-C

Answer any one of the following questions. Questions for testing the critical ability of understanding)
(15X2=30)

- 7.
- 8

BA (Honours) Economics

Semester 1

DSC 1.2: Introduction to Basic Economic Analysis –I (3 credits)

Course Outcomes:

By the end of the course the student will be able to:

1. Identify the facets of an economic problem.
2. Learn basic economic concepts and terms.
3. Explain the operation of a market system;
4. Analyse the production and cost relationships of a business firm;
5. Evaluate the pricing decisions under different market structures; and
6. Use basic cost-benefit calculations as a means of decision making (i.e., thinking like an economist)

Introduction to Basic Economic Analysis –I	42 Hrs
Unit – 1 Introduction to Economics Analysis	14
Chapter No. 1 Nature and Scope of Economics <ul style="list-style-type: none"> • Meaning of Economics • Nature and Scope of Economics • Importance of Economics • Methods of Economics 	5
Chapter No. 2 Thinking Like an Economist <ul style="list-style-type: none"> • Thinking Like an Economist • The Economist as Scientist • The Economist as Policy Adviser • Economic Policy 	4
Chapter No. 3 Economic System <ul style="list-style-type: none"> • Types of Economic Activities • Organisation of Economic Activities • Circular Flow of Economic Activities • Evolution of the Present Economic Systems 	5
Practicum: 1. Group Discussions on Choice Problem 2. Assignment on Types of Economic Systems	
Unit – 2 Demand, Supply and Markets	14
Chapter No. 4. Demand and Supply <ul style="list-style-type: none"> • Individual Demand • Market Demand • Demand Determinants • Supply and its Determinants • Market Equilibrium 	4
Chapter No. 5. Firms and Household <ul style="list-style-type: none"> • Meaning of Firms and Household • Relationship Between Firms and Household • Input Markets • Output Markets 	5

<p>Chapter No. 6. Elasticity and its Measurement</p> <ul style="list-style-type: none"> • Meaning and Types of Elasticity of Demand-Price, Income and Cross Elasticity • Degrees of Elasticity of Demand • Determinants of Elasticity of Demand • Measurement of Elasticity of Demand <p>Practicum: 1. Estimation of demand and supply elasticities 2. solving an equilibrium problem</p>	5
<p>Unit – 3 Cost Revenue and Market Structures</p>	14
<p>Chapter No. 7 Production Costs</p> <ul style="list-style-type: none"> • Production Function • Total Production Cost • Average Production Cost • Marginal Production Cost <p>Chapter No. 8. Accounting and Economic Costs</p> <ul style="list-style-type: none"> • Cost in the Short run • Fixed Costs and Variable Costs • Marginal Costs • Long run AC and MC • Revenue Functions; TR, MR, AR <p>Chapter No. 9. Market Structures</p> <ul style="list-style-type: none"> • Markets • Perfect and Imperfect Competition • Features of Perfect Competition • Monopoly, Oligopoly and Monopolistic Competition • Price and output determination under different markets. <p>Practicum: 1. Calculation of various costs and comparing them with production concepts; a mini-project can be taken up wherever possible 2. Studying the real-life pricing mechanism through a project/ case studies</p> <p>References (indicative)</p> <ol style="list-style-type: none"> 1. Cohen, A.J. (2020). <i>Macroeconomics for Life: Smart Choices for All? + MyLab Economics with Pearson eText</i> (updated 2nd ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780136716532 2. Cohen, A.J. (2015). <i>Microeconomics for Life: Smart Choices for You + MyLab Economics with Pearson eText</i> (2nd ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780133899368 3. Case Karl E. and Fair Ray C. <i>Principles of Economics</i>, Pearson Education Asia, 2014. 4. Mankiw N. Gregory. <i>Principles of Economics</i>, Thomson, 2013. 5. Stiglitz J.E. and Walsh C.E. <i>Principles of Economics</i>, W.W. Norton & Co, New York, 2011. 	<p>4</p> <p>5</p> <p>5</p>

Semester I

Course Title: DSC 1.3: Contemporary Indian Economy	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s):

Course Outcomes (COs):

At the end of the course the student should be able to:

- i. Understand the current problems of Indian Economy
- ii. Identify the factors contributing to the recent growth of the Indian economy
- iii. Evaluate impact of LPG policies on economic growth in India
- iv. Analyze the sector specific policies adopted for achieving the aspirational goals
- v. Review various economic policies adopted

Content of Course 1	42 Hrs
Unit – 1 ECONOMIC REFORMS, AGRICULTURE AND GOVERNANCE	14
Chapter No. 1 Recent Issues <ul style="list-style-type: none"> • Genesis and Impact of LPG • India's population policy • Demographic Dividend • India's human development in global perspective 	4
Chapter No. 2 Economic Reforms and Agriculture <ul style="list-style-type: none"> • Agriculture and WTO • Price policy and Subsidies • Commercialisation and Diversification • Public Distribution System • Agrarian Crisis, Doubling Farm Incomes, MGNREGS • Impact of public expenditure on agricultural growth 	4
Chapter No. 3. Urbanization and governance <ul style="list-style-type: none"> • Urbanization and Smart City Mission • Informal sector • Impact of COVID-19 Pandemic • Atma Nirbhara Bharat Abhiyan 	6
Practicum <ol style="list-style-type: none"> 1. Mini-project to ascertain the impact of pandemic on lives of different sections of population 2. Field visits to understand the agrarian situation 	
Unit – 2 INDUSTRY, BUSINESS AND FISCAL POLICY	14
Chapter No. 4. Industrial Policy <ul style="list-style-type: none"> • New Industrial Policy and changes • Public sector reform;Privatisation and Disinvestment 	4

<ul style="list-style-type: none"> • Competition Policy 	
<p>Chapter No. 5. Business</p> <ul style="list-style-type: none"> • Ease of Doing Business • Performance of MSMEs • Role of MNC's in Industrial Development • National Monetization Pipeline • Make in India, development of economic and social infrastructure <p>(The teacher should include the latest policy of the government)</p> <p>Chapter No. 6. Fiscal Policy</p> <ul style="list-style-type: none"> • Tax, Expenditure, Budgetary deficits • Pension and Fiscal Reforms • Public debt management and reforms • Fiscal Responsibility and Budget Management (FRBM) Act • GST, Fiscal Federalism and Fiscal Consolidation • Recommendations of the Current Finance Commission <p>Practicum: Mini-projects to assess the business climate</p>	5
<p>Unit – 3 MONETARY POLICY, FOREIGN TRADE AND INVESTMENT</p>	14
<p>Chapter No. 7. Money and Capital Markets</p> <ul style="list-style-type: none"> • Organisation of India's money market • Working of SEBI in India • Changing roles of the Reserve Bank of India • Commercial banks, • Development Finance Institutions • Foreign banks and Non-banking financial institutions <p>Chapter No. 8 Monetary Policy</p> <ul style="list-style-type: none"> • Analysis of price behaviour in India, Anti-inflationary measures • Demonetization and its impact • Financial sector reforms • Interest rate policy • Review of monetary policy of RBI <p>Chapter No. 9. Foreign Trade and Investment</p> <ul style="list-style-type: none"> • India's foreign trade • India Balance of payment since 1991 • New Exchange Rate Regime: Partial and full convertibility • Capital account convertibility • FDI – Trends and Patterns • New EXIM policy, WTO and India • Bilateral and Multilateral Trade Agreements and Associations <p>Practicum:</p> <ol style="list-style-type: none"> 1. Computation and analysis of Wholesale Price Index, Consumer Price Index: components and trends. 2. Group Discussions on India's trade policies and trade agreements <p>References</p> <ul style="list-style-type: none"> • Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi. • Bhaduri Amit, (2015), A Model of Development By Dispossession, Fourth Foundation • Byres Terence J. (ed.), (1998), The State, Development Planning and Liberalisation 'in India, Delhi, OUP • Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand & Co. Ltd. New 	3 5 6

<p>Delhi.</p> <ul style="list-style-type: none"> • Frankel Francine R., (2004), India's Political Economy, Delhi. OUP Jenkins Rob, 2000, Economic Reform in India, Cambridge, CUP • Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi. • Joshi Vijaya and L.M.D. Little, (1998), India's Economic Reform 1991-2001, Delhi, OUP. • Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation • Mishra S.K & V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House. • Mukharji Rahul (ed.) (2007), India's Economic Transition: The Politics of Reforms, edited by Rahul Mukherji, Oxford University Press , New Delhi. • Stuart and John Harris, (2000), Reinventing India, Cambridge Polity 	
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Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester I

Course Title: OEC 1.5: Kautilya's Arthashastra (OEC)	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s): 12th Standard Pass

Course Outcomes (COs):

At the end of the course the student should be able to:

1. This course will enlighten the students about the ancient fundamentals about political and economic constituents, which will frame out a basic land of understanding the modern trends. This will help them to understand the upcoming needs in the area of policy making for states at national and international level.
2. This treatise deals with the science of Governance, so it projects out all the dimensions needed to be understood by students about the present socio-economic and political rules and regulations of the state.

Unit	Description	Hours
I	Chapter 1: Various disciplines of Indian Education System,	2
	Chapter 2: Introduction to the Arthashastra	2
	Chapter 3: Place of Kautilya Arthashastra among them,	2
II	Chapter 4: Importance of science dealing with Economics - Introduction to Tantrayuktis – The methods of preparing a compendium, tools and techniques of writing a compendium.	5
	Chapter 5: Governance Procedure- Appointment of the ministers, duties of Government superintendents, treasury, spies, royal writ, punishment- Vakparushya and Dandaparushya;	5
	Chapter 6: Laws of Inheritance – Determination of forms of Agreements, determination of legal disputes, Division of inheritance, Distinction between sons Special shares in inheritance,	5
III	Chapter 7: Economic Dimension- Body of income of the state, collection of revenue, duties of a Chamberlin (koshadhyksha), forty ways of embezzlement of the revenue, punishment for the embezzlement of revenue, expenditure, Loss and Profit, Keeping up the Accounts, Recovery of Debts, Deposits of the state, Resumption of the gifts, Remission of Taxes	9
	Chapter 8: Political Dimension- Six-fold Policy- War, Combination of Powers, Agreement of Peace with or without definite terms, Double Policy, Circle of States, Conduct of Corporations, Secret means, Plan of treatise,	9
	Chapter 9: Defence and Warfare: Planning of different Vyuhās in War	3
Suggested readings:		
1. Arthashastra of Kautilya by T. Ganapati Shastri, Chaukhambha Surbharti Prakashana, Varanasi,		

India, 2005.

2. Arthashastra of Kautilya by Sri. Vacaspati Gairola, Chaukhambha Vidyabahavan, Varanasi, India, 2013.

3. Kautilya, The Arthashastra by L.N. Rangarajan, Penguin Books Ltd, London.

4. Kautilya's Arthashastra: The Way of Financial Management and Economic Governance, Jaico Publishing House, Mumbai, India.

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester 1

Course Title: OEC 1.5: Reforms in Indian Economy (OEC)	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s): 12th Standard Pass

Course Outcomes (COs):

At the end of the course the student should be able to:

- i. Trace the evolution of Indian Economy
- ii. Identify the structural features and constraints of the Indian economy
- iii. Evaluate planning models and strategy adopted in India
- iv. Analyze the sector specific problems and contributions towards overall economic growth
- v. Review various economic policies adopted

Unit	Description	Hours
I	Features and problems of Indian Economy	15
	Chapter 1: Features of Indian Economy <ul style="list-style-type: none"> • India as a developing economy, • Demographic features • Human Development (HDI), • Problems of Poverty, Unemployment, Inflation, income inequality 	4
	Chapter 2: Issues in Agriculture sector in India <ul style="list-style-type: none"> • Land reforms • Green Revolution • Agriculture marketing in India • Agricultural price policy 	6
	Chapter 3: Industrial and Service Sector <ul style="list-style-type: none"> • Industrial development; • Micro, Small and Medium Enterprises, • Industrial Policy • Performance of public sector in India, • Service sector in India. 	5
	Practicum: 1. Identifying economic problems and their causes; 2. Mini-project on any aspect of Indian agriculture, industry, service and public sectors	
II	Economic Policies	13
	Chapter 4: Planning <ul style="list-style-type: none"> • Mixed Economy • Bombay Plan • Gandhian Model • Nehru Mahalanobis Model • Objectives and achievements of economic planning in India 	5
	Chapter 5: Monetary policy in India <ul style="list-style-type: none"> • Instruments of Monetary Policy 	2

	<ul style="list-style-type: none"> Black money in India – Magnitude and Impact <p>Chapter 6: Fiscal Policy in India</p> <ul style="list-style-type: none"> Tax Revenue Public expenditure Budgetary deficits Fiscal reforms Public debt management and reforms Centre state Finance Relations and Finance commissions in India. <p>Practicum: Assignment on successes and failures of India’s planning; Monetary and Fiscal Policy instruments</p>	6
III	External sector and Nature of Reforms in India	14
	<p>Chapter 7: India’s foreign trade</p> <ul style="list-style-type: none"> Salient features Value, composition and direction of trade Balance of payments Goal of self-reliance based on import substitution and protection Tariff policy Exchange rate <p>Chapter 8: Post-1991 strategies</p> <ul style="list-style-type: none"> Stabilisation and structural adjustment packages Liberalisation Privatisation Globalisation (LPG) Model Impact of LPG Policies on Indian Economy <p>Chapter 9: NITI Ayog</p> <ul style="list-style-type: none"> Organization Functions <p>Practicum: Calculation of BoP and evaluating trade policies; Assignment and group discussion on the impact of LPG Policies</p>	6 6 2
<p>Suggested Readings:</p> <ol style="list-style-type: none"> Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand & Co. Ltd. New Delhi. Mishra S.K & V.K Puri (2001) “Indian Economy and –Its development experience”, Himalaya Publishing House. Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi. Jalan, B. (1996), India’s Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi. 		

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester 1

Course Title: OEC 1.5: Development Studies (OEC)	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s): *12th Standard Pass*

Course Outcomes (COs):

At the end of the course the student should be able to:

- i. Graduates will be able to excel in higher studies and/or to succeed in profession.
- ii. Graduates will get a solid foundation of fundamentals required to solve socioeconomic problems and also to pursue higher studies.
- iii. Graduates will demonstrate knowledge to appreciate of the dimensions of contemporary development issues, to generate sensitivity to problems concerning ethics and human values to develop orientation towards effective communication and critical analysis, and to appreciate the interrelationships among disciplines as they relate to everyday realities.
- iv. Graduates will cultivate professional and ethical attitude, effective Communication skills, teamwork skills, multidisciplinary approach, and to facilitate an advanced understanding and appreciation of the principles, methodologies, value systems, and thought processes employed in human inquiries.

Unit	Description	Hrs
I	Development: Meaning and Current Challenges	9
	Chapter 1: Meaning of Development	3
	<ul style="list-style-type: none"> • The approaches to development, • Growth and Development • Transition from quantitative to qualitative indices 	
	Chapter 2: Modern economic growth	3
	<ul style="list-style-type: none"> • Characteristics of modern economic growth • Regional and global disparities • Common characteristics and dissimilarities among developing countries. 	
	Chapter 3: Current Development Challenges	3
	<ul style="list-style-type: none"> • Inequality • Migration • Conflicts 	
	Practicum:	
II	Approaches to Development	12
	Chapter 4: Development Ethics	2
	<ul style="list-style-type: none"> • Concept and meaning • Principles and importance of Development Ethics 	
	Chapter 5: Assessing Development	4
	<ul style="list-style-type: none"> • Per capita income • PQLI • Choice and Capabilities • HDI 	
	Chapter 6: Approaches of Development	6
	<ul style="list-style-type: none"> • Adam Smith 	

	<ul style="list-style-type: none"> • Marx • Schumpeter • Structuralist approach • Neo-liberalism, IMF and structural adjustment • Capabilities Approach Practicum:	
III	Theories and Current Issues in Development	21
	Chapter 7: Theories of Development <ul style="list-style-type: none"> • Theorizing Development - Modernization Theory, Dependency Theory • Capitalist World System • The evolution of thought on poverty reduction • Colonial Regimes and Their Legacies Chapter 8: The Industrial Revolution <ul style="list-style-type: none"> • Genesis and Spread • Industrial Labour • ILO and its activities to promote labour standards Chapter 9: Environment and development <ul style="list-style-type: none"> • Increasing degradation of natural environment – water and air pollution and deforestation • Sustainable development - concept and measures • SDGs • Climate Change – Causes, Impact, Measures of Mitigation and Adaptations Practicum:	6 5 10

Suggested Readings:

1. Crocker, D. (2008). Ethics and development theory-practice, Ethics of Global Development Agency, Capability, and Deliberative Democracy, 67-106
2. Des Gasper (2008), 'Denis Goulet and the Project of Development Ethics: Development, 8, 99. 481-9, Elsevier Science, 1, pp.10-26.
3. Drèze, Jean and Amartya Sen(2002), India: Development and Participation, second edition. Oxford: Oxford University Press.
4. Gasper, D. (2004). The ethics of development: From Economism to human development. Edinburgh: Edinburgh University Press
5. Huntington, Samuel (1971), The change to change: Modernization, development and politics. Comparative Politics, 3.
6. Myrdal, Gunnar. (1974), "What is Development?" Journal of Economic Issues 8(4):729-736.
7. Peet, Richard with Elaine Hartwick (2009), Theories of Development: Contentions, Arguments, Alternatives (2nd edition). New York: Guilford.
8. Sen, Amartya (1999) Development as Freedom. New York: Anchor Books.

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester II

Course Title: DSC 2.2: Introduction to Economic Analysis II	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s): *Basic Economics I*

Course Outcomes (COs):

At the end of the course the student should be able to:

1. Understand the operation of the overall economic system;
2. Calculate national income and related aggregates
3. Explain the relationship between macroeconomic aggregates;
4. Analyse the nature of business cycles and policies towards controlling them;
5. Evaluate the macroeconomic policies for solving major problems like poverty and unemployment

Unit	Description	Hrs
I	Macroeconomic Concepts and Relationships	12
	<p>Chapter 1: Macro economy</p> <ul style="list-style-type: none"> • Introduction to National Income Accounting • Concepts of GDP, GNP and national income • Approaches to calculating GDP, personal income, Nominal and real GDP • Limitations of GDP concept, <p>Chapter 2: Monetary economy</p> <ul style="list-style-type: none"> • Characteristics of money • The demand for money • The supply of money and overall liquidity position • credit creation <p>Chapter 3: Inflation</p> <ul style="list-style-type: none"> • Meaning and causes of inflation • Calculating inflation rate • Impact of inflation. <p>Practicum: 1. Understanding the relationships between various NI concepts used in India's NI accounting; 2. Estimating the components of money supply and interpreting the various price indices</p>	5 4 3
II	Macroeconomic Challenges and Policies	12
	<p>Chapter 4: Macroeconomic challenges</p> <ul style="list-style-type: none"> • Unemployment • Economic Growth • Business Cycles <p>Chapter 5: Monetary Policy</p> <ul style="list-style-type: none"> • Objectives • Instruments <p>Chapter 6: Fiscal Policy</p> <ul style="list-style-type: none"> • Public finance vs. Private finance • Fiscal functions and role of government: allocation, distribution and stabilization. • Characteristics of public goods, 	3 3 6

	<ul style="list-style-type: none"> Rationale of public provision of public goods Practicum: 1. Reviewing the monetary policy of RBI; 2. A project to identify the nature and causes of poverty and the latest central budget	
III	Public Policy and Globalization	18
	Chapter 7: Poverty and public policy <ul style="list-style-type: none"> Meaning, measurement and types of poverty Poverty alleviation programmes in India. Chapter 8: International Trade <ul style="list-style-type: none"> The economic basis for trade—absolute advantage and comparative advantage, terms of trade exchange rates Trade Barriers-tariffs, subsidies and quotas Balance of Payments-The current and capital account	6
	Chapter 9: Globalization <ul style="list-style-type: none"> Meaning Importance Impacts of Globalization Practicum: Survey on identification of poor; Calculating the components of BoP of India	9
		3
References (indicative) <ol style="list-style-type: none"> Cohen, A.J. (2020). <i>Macroeconomics for Life: Smart Choices for All? + MyLab Economics with Pearson eText</i> (updated 2nd ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780136716532 Cohen, A.J. (2015). <i>Microeconomics for Life: Smart Choices for You + MyLab Economics with Pearson eText</i> (2nd ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780133899368 Case Karl E. and Fair Ray C. Principles of Economics, Pearson Education Asia, 2014. Mankiw N. Gregory. Principles of Economics, Thomson, 2013. Stiglitz J.E. and Walsh C.E. Principles of Economics, W.W. Norton & Co, New York, 2011. 		

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester II

Course Title: DSC 2.3: Karnataka Economy	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s):

Course Outcomes (COs):

At the end of the course the student should be able to:

1. Understand the nature of economic growth and problems of Karnataka state.
2. Explain the process of structural growth in Karnataka economy;
3. Evaluate the policies and programmes undertaken by the Govt. of Karnataka for bringing about socio-economic development

Unit	Description	Hours
I	Characteristics of Karnataka Economy	12
	Chapter 1: State Income	2
	<ul style="list-style-type: none"> • State Domestic Product and PCI • Measures to redress regional imbalances 	
	Chapter 2: Human and Natural Resources	6
	<ul style="list-style-type: none"> • Population • Human Development Index • Poverty and Unemployment– Anti-Poverty and Employment generation Programmes • Functioning of Panchayat Raj Institutions 	
	Chapter 3: Natural Resources in Karnataka	4
	<ul style="list-style-type: none"> • Land, Water, Forest and mineral resources in Karnataka • Karnataka Sustainable Development Goals • Karnataka environmental Policy 	
	Practicum:	
II	Agriculture and Industries in Karnataka	18
	Chapter 4: Agriculture in Karnataka	9
	<ul style="list-style-type: none"> • Importance of Agriculture • Problems in Agriculture • Land Reforms • Cropping Pattern • Irrigation • Watershed Development • Dry Land Farming • Farmers Suicide – causes and solutions 	
	Chapter 5: Rural Development	3
	<ul style="list-style-type: none"> • Public Distribution System • Rural Development Programmes. 	
	Chapter 6: Industries in Karnataka	6

	<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 Practicum:	
III	Infrastructure and Finances	12
	Chapter 7: Infrastructure in Karnataka <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, Sanitation • Housing • Health and Education • Social Security in Karnataka 	4
	Chapter 9: State Finance <ul style="list-style-type: none"> • Sources of Revenue: Direct and Indirect Taxes • GST – Impact and Collections • Sharing of Central Taxes and Grand-in-Aid • Expenditure Sources • States Indebtedness • State Finance Commission • State Budget Practicum:	5

References (indicative)

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, New Delhi.
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. Nanjundappa D.M. Some Aspects of Karnataka Economy.
10. Puttaswamiah K. Karnataka Economy, Two Volumes

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester II

Course Title: OEC 2.5: Contemporary Indian Economy	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s):

Course Outcomes (COs):

At the end of the course the student should be able to:

- vi. Understand the current problems of Indian Economy
- vii. Identify the factors contributing to the recent growth of the Indian economy
- viii. Evaluate impact of LPG policies on economic growth in India
- ix. Analyze the sector specific policies adopted for achieving the aspirational goals
- x. Review various economic policies adopted

Content of Course	42 Hrs
Unit – 1 LPG POLICIES, ECONOMIC REFORMS AND AGRICULTURE	14
Chapter No. 1 Recent Issues	4
<ul style="list-style-type: none"> • Genesis and Impact of LPG • India's population policy • Demographic Dividend • India's human development in global perspective 	
Chapter No. 2 Urbanization and governance	4
<ul style="list-style-type: none"> • Urbanization and Smart City Mission • Informal sector • Impact of COVID-19 Pandemic • Atma Nirbhara Bharat Abhiyan 	
Chapter No. 3 Economic Reforms and Agriculture	6
<ul style="list-style-type: none"> • Agriculture and WTO • Price policy and Subsidies • Commercialisation and Diversification • Public Distribution System • Impact of public expenditure on agricultural growth • Agrarian Crisis, Doubling Farm Incomes, MGNREGS 	
Practicum	
<ol style="list-style-type: none"> 3. Mini-project to ascertain the impact of pandemic on lives of different sections of population 4. Field visits to understand the agrarian situation 	
Unit – 2 INDUSTRY, BUSINESS, FISCAL POLICY	14
Chapter No. 4. Industrial Policy	4
<ul style="list-style-type: none"> • New Industrial Policy and changes • Public sector reform • Privatisation and Disinvestment • Competition Policy 	

<p>Chapter No. 5. Business</p> <ul style="list-style-type: none"> • Ease of Doing Business • Performance of MSMEs • Role of MNC’s in Industrial Development • Make in India, development of economic and social infrastructure • National Monetization Pipeline <p>(The teacher should include the latest policy of the government)</p>	5
<p>Chapter No. 6. Fiscal Policy</p> <ul style="list-style-type: none"> • Tax, Expenditure, Budgetary deficits • Pension and Fiscal Reforms • Public debt management and reforms • Fiscal Responsibility and Budget Management (FRBM) Act • GST, Fiscal Federalism and Fiscal Consolidation • Recommendations of the Current Finance Commission <p>Practicum: Mini-projects to assess the business climate</p>	5
<p>Unit – 3 MONETARY POLICY, FOREIGN TRADE AND INVESTMENT</p>	
<p>Chapter No. 7 Monetary Policy</p> <ul style="list-style-type: none"> • Organisation of India’s money market • Financial sector reforms • Interest rate policy • Review of monetary policy of RBI 	3
<p>Chapter No. 8. Money and Capital Markets</p> <ul style="list-style-type: none"> • Working of SEBI in India • Changing roles of the Reserve Bank of India • Commercial banks, • Development Finance Institutions • Foreign banks and Non-banking financial institutions • Analysis of price behaviour in India, Anti-inflationary measures • Demonetization and its impact 	5
<p>Chapter No. 9. Foreign Trade and Investment</p> <ul style="list-style-type: none"> • India’s foreign trade • India Balance of payment since 1991 • New Exchange Rate Regime: Partial and full convertibility • Capital account convertibility • FDI – Trends and Patterns • New EXIM policy, WTO and India • Bilateral and Multilateral Trade Agreements and Associations 	6
<p>Practicum:</p> <ol style="list-style-type: none"> 3. Computation and analysis of Wholesale Price Index, Consumer Price Index: components and trends. 4. Group Discussions on India’s trade policies and trade agreements 	
<p>References</p> <ul style="list-style-type: none"> • Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi. • Bhaduri Amit, (2015), A Model of Development By Dispossession, Fourth Foundation • Byres Terence J. (ed.), (1998), The State, Development Planning and Liberalisation 'in India, Delhi, OUP • Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand & Co. Ltd. New Delhi. 	

<ul style="list-style-type: none"> • Frankel Francine R., (2004), India's Political Economy, Delhi. OUP Jenkins Rob, 2000, Economic Reform in India, Cambridge, CUP • Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi. • Joshi Vijaya and L.M.D. Little, (1998), India's Economic Reform 1991-2001, Delhi, OUP. • Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation • Mishra S.K & V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House. • Mukharji Rahul (ed.) (2007), India's Economic Transition: The Politics of Reforms, edited by Rahul Mukherji, Oxford University Press , New Delhi. • Stuart and John Harris, (2000), Reinventing India, Cambridge Polity 	
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Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester II

Course Title: OEC 2.5: Economics of Sustainable Development.	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s):

Course Outcomes (COs):

At the end of the course the student should be able to:

- Understand the basic concept of Sustainable Development (SD), the environmental, social and economic dimensions.
- Know the history of the SD idea.
- Be able to discuss the conflicts which are involved in the SD concept on the national as well as on the global scale.
- Be able to discuss the (dis-)advantages of instruments for SD;
- Evaluate the sustainable development goals and their attainments

Unit	Description	Hrs
I	Environment, Development and Pollution	15
	Chapter 1: Meaning Characteristics of Environmental Goods and Services	3
	<ul style="list-style-type: none"> • Relationship between Environment and Development • Environmental Kuznets Curve – Meaning and Evidence • Sustainable Development – Meaning and Indicators 	
	Chapter 2: Resource Use and Management	
	<ul style="list-style-type: none"> • Resource Taxonomy – Renewable and nonrenewable resources • Economic Theory of Depletable Resources • Optimal Use of Renewable Resources • Resource Scarcity and Economic Growth – Limits to Growth Model • Tragedy of Commons and common property Resources • Resource Pricing and Resource Conservation 	6
	Chapter 3: Sustainable Development	
	<ul style="list-style-type: none"> • Definitions, Objectives and Principles • Processes and Indicators of Sustainable Development • Approaches and Strategies for Sustainable Development • Environmental accounting Measures 	6
	Practicum: Miniproject on impact of development on local environment	
II	Sustainable Development Goals; Genesis and policies.	10
	Chapter 4: Introduction and History	3
	<ul style="list-style-type: none"> • Brundtland Committee Recommendations • Rio Summit and Agenda 21 • SDGs: Goals, Targets and Indicators 	
	Chapter 5: Government and the SDGs	4
	<ul style="list-style-type: none"> • Planning • Localizing the SDGs • SDG Policy Instruments • Industrial Policies and the SDGs 	
	Chapter 6: Financing the SDGs	3

	<ul style="list-style-type: none"> Types of financing New financing mechanisms and global funds <p>Practicum: Assignments on Progress in attainment of various SDGs in India and her states</p>	
III	Issues in Implementing SDGs	17
	<p>Chapter 7: Means to Realizing the SDGs</p> <ul style="list-style-type: none"> Degrowth and circular economy Sustainable production and consumption Sustainable cities and transportation Sustainable designs, technology, digital revolution and innovation Renewable energy <p>Chapter 8: Implementing SDGs</p> <ul style="list-style-type: none"> governance and policy tools openness, participation and accountability, effectiveness and coherence; India's framework for sustainable development <p>Chapter 9: Other Issues</p> <ul style="list-style-type: none"> Social business, CSOs and operations Development Assistance Cross-Border Cooperation <p>Practicum: Group Discussion on case studies on sustainable practices and processes</p>	8
		5
		4
<p>Suggested Readings:</p> <ul style="list-style-type: none"> Baumol, W.J. and W.E. Oates (1988): <i>The Theory of Environmental Policy</i> (2e), CUP, Cambridge. Bhattacharya, R.N. (Ed): <i>Environmental Economics: An Indian Perspective</i>, OUP, New Delhi. Dalby, Simon, et al. <i>Achieving the Sustainable Development Goals: Global Governance Challenges</i>. Routledge, 2019. Day, G.S., and P.J.H. Schoemaker (2011), <i>Innovating in uncertain markets: 10 lessons for green technologies</i>, MIT Sloan Management Review, 52.4: 37-45. Elliott, Jennifer. <i>An introduction to sustainable development</i>. Routledge, 2012. Gagnon, B., Leduc, R., and Savard, L., <i>Sustainable development in engineering: a review of principles and definition of a conceptual framework</i>. Working Paper 08-18, 2008. Hanley, Shogren and White (1997): <i>Environmental Economics in Theory and Practice</i>, Macmillan. Kolstad, C.D. (1999): <i>Environmental Economics</i>, OUP, ND. Pearce, D.W. and R. Turner (1991): <i>Economics of Natural Resource Use and Environment</i>, John Hopkins Press, Baltimore. Sachs, Jeffrey D. <i>The age of sustainable development</i>. Columbia University Press, 2015 Tietenberg, T. (1994): <i>Environmental Economics and Policy</i>, Harper Collins, NY. 		

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson

Semester II

Course Title: OEC 2.5: Business Environment	
Total Contact Hours: 42	Course Credits: 3
Formative Assessment Marks: 40	Duration of ESA/Exam: 3 Hrs
Model Syllabus Authors:	Summative Assessment Marks: 60

Course Pre-requisite(s):

Course Outcomes (COs):

At the end of the course the student should be able to:

- i. Explain the elements of Business environment.
- ii. Identify the environmental constraints in the growth of a business firm.
- iii. Analyze the ways to utilize the current environmental conditions to achieve higher business growth.

Unit	Content of Course	42 Hrs
I	Introduction to Business Environment	12
	Chapter 1: Introduction <ul style="list-style-type: none"> • Meaning and definition, objectives, importance and uses of study of business environment. Environmental analysis • Meaning, process of environmental analysis, limitations of environmental analysis, environmental factors • The Micro environment of business and the macro environment of business. 	3
	Chapter 2: Economic Environment <ul style="list-style-type: none"> • Meaning of Economic Environment • Characteristics of Indian economy • Impact of Liberalization Privatization & Globalization of Indian Business. • Monetary policy – Meaning, objectives • Fiscal policy – Meaning, objectives, budget and importance • EXIM policy – meaning and objectives • Industrial policy – meaning, objectives (Latest Policy Measures). 	6
	Chapter 3: Global Business Environment <ul style="list-style-type: none"> • Meaning • Globalization: Nature and Impact of globalization • Challenges of international business • GATT and WTO and its implications on Indian economy. 	3
	Practicum <ol style="list-style-type: none"> 1. Identification of the impact of business environment through surveys 2. Group discussion on WTO and its impact on Indian business 	
II	Non-Economic Environment	10
	Chapter 4: Social and Cultural Environment <ul style="list-style-type: none"> • Business and Society • Social Objectives of Business 	4

<ul style="list-style-type: none">• Corporate Social Responsibility• Consumer Rights & Corporate Governance• Business Ethics Chapter 5: Technological Environment: <ul style="list-style-type: none">• Meaning	2
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	<ul style="list-style-type: none"> • Technological changes – R & D in India • Public and Private Investment in R and D. <p>Chapter 6: Financial Environment</p> <ul style="list-style-type: none"> • Introduction and Meaning • An Overview of Indian Financial System • Financial Institutions and their Roles • Role of Foreign Direct Investment and its impact on Indian Business <p>Practicum: Students are expected to analyze the major economic and financial indicators such as GDP, Inflation, CPI, BSE, NSE, Currency, Gold rate, Oil barrel price etc., for a particular period of time and submit the report on the same.</p>	4
III	Government and Business in India	22
	<p>Chapter 7: Political Environment</p> <ul style="list-style-type: none"> • Introduction and Meaning • Political Environment and the Economic system • Government and Business Relationship in India • Provisions of Indian Constitution for Business <p>Chapter 8: Legal Environment of Business</p> <ul style="list-style-type: none"> • Indian Company Law • Competition policy and law • Patents & Trademarks • Industrial Policy- An overview • Labor Laws & Social Security, • Environmental Laws. <p>Chapter 9: Current Issues</p> <ul style="list-style-type: none"> • Ease of Doing Business • Performance of MSMEs • Make in India, • Development of economic and social infrastructure • National Monetization Pipeline <p>(The teacher should include the latest policy of the government)</p> <p>Practicum: Students are expected to give a report on how the economic environment has affected the performance of any five large Indian Business Houses.</p>	4 8 10
	<p>REFERENCES: Francis Cherunilam: Business Environment, Himalaya Publishing House, Mumbai. K. V. Sivayya and VBM Das: Indian Industrial Economy, Sulthan Chand Publications, Delhi. M. Adhikari: Economic Environment of Business, Sulthan Chand and Sons, New Delhi. Raj Agarwal: Business Environment, Excel Publications, New Delhi.</p>	

Pedagogy

Formative Assessment	
Assessment Occasion/ type	Weightage in Marks
Internal Test	50%
Assignment	20%
Presentation/Project	30%
Total	100

Date

Course Co-ordinator

Subject Committee Chairperson



BANGALORE

UNIVERSITY

DEPARTMENT OF ECONOMICS
Jnanabharathi campus
BANGALORE-560056

Submitted to
Faculty of arts

CHOICE BASED CREDIT SYSTEM

BOS (UG)Approved Syllabus for
3rd &4th Semester B.A. Honors in
Economics (Basic & Honors)

Framed according to the National Education
Policy (NEP 2020)
(Implemented from the Academic year 2021-22)

Introduction

Economics is a popular and much sought-after course owing to its policy relevance and application to business as well as real life situations. However, in the conventional graduate programmes, Economics education was more class-room based with very less practical orientation. Further, with changing technology, emergence of newer issues like uncertainty, pandemics, and climate change and business data analytics; the skill requirements are changing. New business models demand newer skills to successfully manage the change. Therefore, keeping in mind the aspirations of the NEP, the emerging skill matrix and the progression of the student at various levels, the state level Curriculum Committee of Economics finalized the programme structure to be taught for BA/B.Sc. (Basic and Honours). Finally, the syllabus is finalised in UG BOS for the further process.

NEED FOR CURRICULUM DEVELOPMENT

As per the NEP 2020 initiatives, it is intended to formulate Curriculum to eliminate the disparities among the students studying in different Universities/Institutes. The need for the curriculum development in Economics emerges due to the following reasons

1. Changing Economic Scenario; The Indian Economy is witnessing a radical amount of the changes in the economic policies since the introduction of the New Economic policy in 1991, followed by second and third generation reforms. India is not only inviting the FDI but at the same time also promoting Atmanirbhar Abhiyaan (A Self-reliant India). Market economy has expanded creating new opportunities and hence a new economics curriculum is prepared which helps the student to utilize the emerging.

2. Credit transfer: Credit transfer is approved by the UGC and the Government that allows the students to transfer course from their existing university to a new UGC approved university. The same number of credits in all the Universities in Karnataka is the first step towards the credit transfer from University to University.

3. Different Syllabus for BA and BSC in Economics: All these years the BA and BSC in Economics had the same syllabus and as a path breaking the committee has prepared the separate syllabus for BA and BSC in Economics which suits to the needs of the changing time.

4. Skill Enhancement: The new curriculum focuses more on hands on training, internship and thereby enhancing the skills of the students. The papers like data analytics etc further helps to develop the skills in the students.

PEDAGOGY

The goal of economics pedagogy is to awaken a student's critical consciousness and empower them with economic tools that helps them in taking the crucial decision which helps them with economic tools through which they can make the efficient choices in managing scarce resources such as resources, money and time.

1. **Importance to theory as well as application:** These entire years economics curriculum was concentrating more on teaching theoretical aspects, but then curriculum gives importance to application through many hands-on training, case studies, empirical studies etc.
2. **Utilisation of ICT:** in order to make the Critical and creative thinking among the students better the ICT tools will be used. It includes case studies of research-led teaching, via presentations, websites and other media
3. **Research-based and research-led teaching:** The theories will be explained with application. In order to give more hands-on training, the Projects and internships are introduced in the economics curriculum. The students will do the research project of their choice under the supervision of the research guide.
4. **Exposure to math's and statistics:** in today's world, economics is using more of statistics and mathematics in economic analysis. Hence the curriculum is designed in such way which gives more exposure to math's and statistics training.
5. **Brain Storming Approach:** Students will be deliberately involved either in groups or as individuals to deliberately discuss the possible implications or solutions to the Indian economic problems. The teacher will guide the process and help the students to think in right perspective and direction. This will help the teachers understand the extent of the student understanding and take corrective steps, but also helps in student involvement in the curriculum.
6. **Prominence to Indian economic contribution and Indian examples;** The western economic theories were taught ignoring the contribution of Indian economists. The new curriculum also emphasis on the Indian economist contribution, their theories and application. The teachers may highlight the Indian economic contribution and Indian examples in the pedagogy.

Exit Options and Credit Requirements

A Certificate / Diploma/ Bachelor Degree or Bachelor Degree with Honors in Economics both in BA/B.Sc.in Economics is awarded at the completion of every progressive year.

Exit Optionwith	Certificate/Diploma/Degree/ Honors
Successful completion of First year(two semesters)of the Four years multidisciplinary undergraduate degreeprogramme.	Certificate in Economics (Arts/Science)
Successful completion of second year(four semesters)of the four years multidisciplinary undergraduate degreeprogramme	Diploma in Economics (Arts/Science)
Successful completion of three year (six semesters) of the four years multidisciplinary undergraduate degree programme	Bachelor of Arts/Science Degree in Economics
Successful completion of four year (eight semesters) ofthefouryears multidisciplinaryundergraduatedegree programme	Bachelor of Arts/ Science Degree with Honours in Economics
Successful completion of Five year(Ten semesters)of the fiveyears multidisciplinary degreeprogramme	Master of Arts/ Science Degree With Honours in Economics

A student will be allowed to enter/re-enter only after the odd semester and they can only exit after even semester. Re-entry at various as lateral academic programmes based on the above mentioned earned proficiency test records. The validity of the eared credit will be for a maximum period year or as specified by the academic bank of credits (ABC).

CONTINUOUS INTERNAL EVALUATION AND SEMESTER ENDEXAMINATION

Total marks for each course shall be based on continuous assessments and term end examinations. As per the decision of the Karnataka State Higher Education Council, it is necessary to have uniform pattern of 40: 60 for CIA and Semester End examinations respectively, among all the Universities, their affiliated and autonomous colleges. The state level committee deliberated on the same and suggested the following pattern for the CIE Marks. The BOS will also decided to follow the same pattern.

S1.No	ParametersfortheEvaluation	Marks
Continuous Internal Evaluation(CIE)		
A	Continuous&ComprehensiveEvaluation(CCE)	20Marks
B	InternalAssessmentTests(IAT)	20Marks
	Total of CIE(A+B)	40Marks
C	Semester End Examination(SEE)	60Marks
	Totalof CIEandSEE(A+B+C)	100Marks

Evaluation process of IA marks may be as follows:

- The first component (C1), of assessment is for 200 marks. This shall be based on test, assignment, seminar, case study, field work, project work etc. This assessment and score process should be completed after completing 50% of syllabus of the course/s and with in the first half of t he semester.
- The second component (C2), of assessment is for 20 marks. This shall be based on test, assignment, seminar, case study, field work, internship / industrial practicum / project work etc. This assessment and score process should be based on completion of theremaining50 percent of syllabus of the courses of the semester.
- During the 17th – 20th week of the semester, a semester end examination of 3 hours duration shall be conducted by the University for each Course. These forms the third and final component of assessment (C3) and the maximum marks for the final component will be70%.
- In case of a student who has failed to attend the C1orC2 on a scheduled date, it shall be deemed that the student has dropped the test. However, in case of a student who could not take the test on scheduled date due to genuine reasons, such a candidate may appeal to the concerned teacher/ Program Coordinator / HOD and suitable decision taken accordingly.
- For assignments, tests, case study analysis etc., of C1 and C2, the students should bring their own answer scripts(ofA4size), graph sheets etc., required for such tests/assignments and these be stamped by the concerned department using their departmental the time of conducting tests/ assignment/work etc. The outline for continuous assessment activities for Component-I(C1)and Component-II(C2)of a course shall be as under:

Outline for continuous assessment activities for C1 andC2

Activities	C1	C2	Total Marks
SessionTest	10marks	10marks	20
Seminars etc.	05marks		05
Case study / Assignment /Field work / Project work/Academic Economics Quiz/Review of the Book/ etc		05marks	05
	05 marks	05 marks	10
<u>Total</u>	<u>20marks</u>	<u>20marks</u>	<u>40</u>

Composition of Subject Expert Committee Members

SN	Name & Organization	Designation
1	Dr. B.P. Veerabhadrappe Vice-Chancellor, Kuvempu University, Shankaraghatta	Chairman
2	Dr. B. K. Tulasimala Vice-Chancellor, KSAW University, Vijayapura	Member
3	Dr. D.V. Gopalappa Professor, University of Mysore, Mysuru	Member
4	Dr. S.T. Bagalkoti Professor, Karnatak University, Dharwad	Member
5	Dr. S. R. Keshava Professor, Bangalore University, Bengaluru.	Member
6	Dr. Viswanatha Professor, Mangalore University, Konaje	Member
7	Dr. Dasharath Naik Professor, Gulbarga University, Kalaburgi.	Member
8	Dr. Jayasheela Professor, Tumkur University, Tumakuru.	Member
9	Dr. D.N. Patil Professor, Rani Channamma University, Belagavi.	Member
10	Dr. Basavaraja S. Benni Professor, Bangalore University, Bangalore.	Member
11	Dr. Rangappa K.B. Professor, Davanagere University, Davanagere.	Member
12	Dr. D. Kumuda Professor, Bengaluru North University, Kolar	Member
13	Dr. N.T. Somashekhar Assoc. Professor, Maharani College, Mysuru	Member
14	Dr. Hanumantharaya Y.S. Assoc. Professor, GFGC, Midigeshi, Madhugiri Tq.	Member
15	Dr. Timmaraddi Assoc. Professor, A. S. Women's College, Ballari.	Member

SN	Name & Organization	Designation
16	Dr. K.B. Dhanajaya Principal, Sahyadri Arts College, Shivamogga.	Member
17	Dr. Joy Narella Assoc. Professor, University College of Arts, Tumakuru.	Member
18	Dr. Prasanna Pandhari GFGC, Rajnagar, Hubballi.	Member
19	Dr. Tejaswini B. Yakkundimath Assoc. Professor, Government First grade Women's college, Belgaum.	Member, Convener
20	Smt. Rajani B. Special Officer, Karnataka State Higher Education Council.	

Special Invitees	
1	Dr. G. L. Parvathamma, Professor, Bangalore University.
2	Dr. Mahesh, Professor, Mysore University.
3	Dr. Premkumar, Professor, Mysore University.
4	Dr. Navitha Thimmayya, Professor, Mysore University.
5	Dr. Baradi, Professor, Karnataka University, Dharwad
6	Dr. R. R. Biradar, Professor, Karnataka University, Dharwad
7	Dr. Basavaraj Nagoor, Professor, Karnataka University, Dharwad
8	Dr. Madari, Professor, KSAW University, Vijayapura
9	Dr. R. V. Gangshetty, Professor, KSAW University, Vijayapura
10	Dr. Yogesh S. N, Professor, Kuvempu University.
11	Dr. Manoj Dolli, Professor, Vijayanagara Sri krishnadevaraya University.
12	Dr. Basappa Kamble, Professor, G.I. Bagewadi College, Nipani.
13	Dr. Shanmukh K. Professor, SBC First grade college for Women, Davangere
14	Dr. B. M. Nasir Khan, Assoc. Professor, Sir MV Govt. Arts & Commerce college, Bhadravati.
15	Dr. Suchitra S., Assoc. Professor, Davangere University.

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

	Paper Code	Title of the paper	Credits point	
III Semester	DSC-3.1	Microeconomics	3	
	DSC-3.2	Mathematics for Economics	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	Macro Economics	3	
	DSC-4.2	Statistics for 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	

MICROECONOMICS
DSC-3.1

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

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

CO1. Understand introductory economic concepts.

CO2. Recognize basic supply and demand analysis.

CO3. Recognize the structure and the role of costs in the economy.

CO4. Describe, using graphs, the various market models: perfect competition, monopoly, monopolistic competition, and oligopoly.

CO5. Explain how equilibrium is achieved in the various market models.

CO6. Identify problem areas in the economy, and possible solutions, using the analytical tools developed in the course.

Contents	42 Hrs
Unit–1: Introduction to Microeconomics	
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	3
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	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 The Households: Diminishing Marginal Utility; Indifference curves – Meaning and Properties; budget constraint; Satisfaction Maximization; income and substitution effects; choice between leisure and consumption.	5
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	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

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): ಸಂಸ್ಕೃತ ಅರ್ಥಶಾಸ್ತ್ರ † Sapna Book House, Bengaluru
8	https://www.core-econ.org/the-economy/book/text/0-3-contents.html
9	Somashekhar Ne. Thi., ಸಂಸ್ಕೃತ ಅರ್ಥಶಾಸ್ತ್ರ †, Sidhlingeshwara Prakashana, Kalburgi.

MATHEMATICS FOR ECONOMICS

DSC-3.2

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

Course Outcomes (COs): After the successful completion of the course, the student will be able to:	
CO1.	Perform basic operations in Sets and functions and Matrix algebra.
CO2.	Calculate limits, derivatives of Economic functions and identify the nature of relationship.
CO3.	Calculate maxima and minima of function
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 total function-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 Prepare a 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, 4th Edition, 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", MIT Press, 3rd Edition, 2011
7	Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4th Edition, 2002.
8	Veerachamy R (2005) Quantitative Methods for Economics, New Age International Publishers Private 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.

Open Electives(OE)
Rural Economics
OE-3.7.1

Program Name	BA 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

<p>Chapter:3 - Poverty and Unemployment in Rural India</p> <p>Meaning and Measurement of Poverty</p> <p>Causes of Poverty</p> <p>Farm and Non-farm employment</p> <p>Measurement and Types employment</p> <p>Review of Poverty Alleviation and Employment Generation Programmes in India.</p>	5
<p>Practicum:</p> <ul style="list-style-type: none"> • 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. 	
<p>Unit -2: Rural Infrastructure: MSMEs, Banking, Health and Education</p>	14 Hrs
<p>Chapter 4- Rural Enterprises</p> <p>Meaning and Importance, Classification of MSME</p> <p>Progress and Problems of MSME</p> <p>Khadi and Village Industries</p>	5
<p>Chapter-5: Rural Banking and Finance</p> <p>Credit Co-operative Societies</p> <p>Regional Rural Banks</p> <p>Role of NABARD</p> <p>Microfinance Institutions</p>	4
<p>Chapter-6: Rural Infrastructure</p> <p>Educational and Health Infrastructure</p> <p>Housing and Sanitation</p> <p>Drinking Water Supply</p> <p>Rural Transport and Communication</p> <p>Rural 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 	

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: <ul style="list-style-type: none"> • 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	
<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, 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.
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.

ECONOMICS OF INSURANCE
OE-3.7.2

Program Name	BA 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	
<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	
<ul style="list-style-type: none"> ➤ Wealth accumulation plan lifecycle planning ➤ Planning for wealth accumulation ➤ Tax advantage and tax non-advantage 	

<p>Chapter-5: Retirement Planning</p> <ul style="list-style-type: none"> ➤ Essential of individual retirement planning ➤ Investing pension plan, basic principles of pension plans ➤ Pension plans in India
<p>Chapter-6: General Insurance Structure</p> <ul style="list-style-type: none"> ➤ General Insurance, concept of General Insurance ➤ Types of General Insurance, Marine Insurance, Motors Insurance, Agricultural Insurance ➤ Fire Insurance, Personal Accident Insurance
<p>Unit -3: personal insurance / Health Insurance</p>
<p>Chapter 7- Essential of Life and Health Insurance</p> <ul style="list-style-type: none"> ➤ Fundamentals of Life and Health Insurance, functions of Life and Health Insurance ➤ Health Insurance and Economic Development, Insurance and Farmer Security
<p>Chapter 8 - Insurance Documentation</p> <ul style="list-style-type: none"> ➤ Health Insurance products, Health Insurance underwriting ➤ Health Insurance claims
<p>Chapter 9 - Insurance Legislation</p> <ul style="list-style-type: none"> ➤ 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	
<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, 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	BA 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

<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</p> <p>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 human development and the SDGs.</p> <p>Chapter 6: Indian Perspectives and Experience with Human Development: Approach to human development 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>	

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

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	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), 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

MACROECONOMICS
DSC-4.1

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

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

- CO1. Understand the Theories of National Income Accounting
- CO2. Explain the process of Consumption and Investment Functions
- CO3. Evaluate the Concept of Multiplier and Inflation

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> <p>1. Introductory: connecting growth of national income to development; why incomes of all fall or rise? Are income, output, and employment related?</p> <p>2. Some Basic concepts: The idea of equilibrium and identity; ex- ante and ex-post concepts.</p> <p>3. Aggregate Demand and its components</p> <p>a. Consumption function: Algebraic and Graphical explanation; Marginal and Average propensity to consume</p>	7

<p>b. Investment function; savings and investment relationship.</p> <p>4. Aggregate Supply: Meaning and graphical explanation; Effective demand</p> <p>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</p> <p>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	15Hrs
Chapter-3: Theories of Determinants of Consumption:	5
<p>1. Keynesian Psychological Law of consumption; determinants</p> <p>2. Permanent Income hypothesis of Milton Friedman</p>	
Chapter-4: Investment:	5
<p>1. Types of investment</p> <p>2. Determinants of investment:</p> <p>a. rate of interest</p> <p>b. marginal efficiency of capital: meaning and determinants;</p>	
Chapter-5: Concepts of Multiplier and Accelerator	5
<p>1. Investment Multiplier: Meaning and assumptions.</p> <p>2. multiplier; leakages;</p>	
Unit -3: Monetary Economics	13 Hrs
Chapter-6: Money Supply:	5
<p>1. Concept of Money Supply; recent measures of money supply as suggested by RBI</p> <p>2. Determinants of money supply:</p> <p>a. high powered money</p> <p>b. money multiplier</p> <p>3. The reserve ratio and deposit multiplier</p>	
Chapter-7: Money demand:	4
<p>1. Cash transactions approach (only meaning) and</p> <p>2. Cambridge approach (Only Marshall's equation)</p> <p>3. The liquidity preference approach of Keynes</p>	

Chapter-8: Inflation and Unemployment:	4
1. Phillips Curve	
2. Wage cut theory and employment	

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	Ackley, G. (1976), Macroeconomics: Theory and Policy, Macmillan Publishing Company, New York.
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, Machmillan, 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., ಸ್ವಮಗೂ ಅರೋಧಶಾಸ್ತ್ರ ಓ, Siddalingeshwara prakashana, Kalburgi.
9	H. R. Krishnaiah Gowda ಸ್ವಮಗೂ ಅರೋಧಶಾಸ್ತ್ರ ಓ, Mysore book house prakashna, Mysore.

STATISTICS FOR ECONOMICS
DSC-4.2

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

Course Outcomes (COs): After the successful completion of the course, the student will be able to:	
CO1.	Understand the nature of Data and their presentation
CO2.	Calculate Descriptive statistics like measures of central tendency and dispersion
CO3.	Apply statistical techniques like correlation and regression in Economic analysis
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 - Cross Section 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

Open electives
KARNATAKA ECONOMY
OE- 4.7.1

Program Name	BA 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	
<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 Prepare a 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

ENTREPRENEURIAL ECONOMICS
OE- 4.7.2

Program Name	BA 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
<p>Chapter 1: Entrepreneur and Entrepreneurship – Meaning, Definitions, Evolution, types- Characteristics, qualities, functions of entrepreneur- Distinction between entrepreneur and manager, 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
<p>Chapter 4: Generation of ideas: Methods and process - sources of ideas - screening process- Assessing Opportunities-Challenges, pitfalls and critical factors of new venture;</p> <p>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.</p> <p>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;</p> <p>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.</p>	

Unit -3: Business and Entrepreneurial development	12 Hrs
<p>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.</p> <p>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.</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 a 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, 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

ECONOMICS AND LAW
OE -4.7.3

Program Name	BA 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	5
<ul style="list-style-type: none"> • Efficiency. • Markets and efficiency. • Market failure. • Coase theorem and related ideas, 	
Chapter 2: welfare economics	4
<ul style="list-style-type: none"> • Compensation principles. • Social welfare function. • Maximization problem; 	

<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 	
<p>Unit -2: An Introduction to Law and Legal Institutions</p>	12 Hrs
<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 	
<p>Unit -3: Economic Laws</p>	16 Hrs
<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. 	
Chapter 7: Law of Business Organizations <ul style="list-style-type: none"> • Structure of firm — Kinds, Corporations, • Capital, Shares, Debentures, Insiders' trading, • RBI, IRDA, MRTP, Role of SEBI, 	5
Chapter 8: Macroeconomics and Law <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 — their legal and economic implications 	6
Practicum <ol style="list-style-type: none"> 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	
<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), 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	BA 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	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; 	
Chapter 2: Reforms in Indirect Taxes	4
<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 	
Chapter 3: Introduction to GST	5
<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 	

<ul style="list-style-type: none"> Multiple rates of GST Recent reforms in GST 	
Practicum: <ol style="list-style-type: none"> Group Discussions on Indirect Taxes defects prior to GST 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, <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
Chapter 5: Dual GST Mode and GST Council <ul style="list-style-type: none"> Dual GST Mode in India: (SGST, CGST, UTGST & IGST); Goods and Services Tax Network [GSTN], GST Council; Creation, Members, Decisions, Compensation to states. GST Network, Registration, 	4
Practicum: <ol style="list-style-type: none"> Group Discussions on advantages and disadvantages of GST 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 <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
<p>Chapter 8: Input Tax Credit</p> <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 	6
<p>Practicum</p> <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 a 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.

CBCS Question Paper Pattern for UG Semester

DSC, DSEC & OEC

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

Section-A

1. Answer TEN of the following sub-questions, each sub-question carries TWO marks	(10X2=20)
A. B. C. . . . L.	
<i>Note for Section-A: Three sub-questions from each unit and remaining one sub-question (J) from unit I to III.</i>	

Section-B

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

Section-C

Answer any TWO of the following questions, each question carries TEN marks	(2X10=20)
7. 8. 9. 10.	
<i>Note for Section-C: Minimum Two question from each unit (Q No 8 to 12) Sub-questions such as 'a' and 'b' may be given for a question in section-C only.</i>	