



## **RANI CHANNAMMA UNIVERSITY, BELAGAVI**

### **DEPARTMENT OF STUDIES IN ECONOMICS**

#### **PROGRAM /COURSE STRUCTURE AND SYLLABUS**

**As per the Choice Based Credit System  
(CBCS) designed in accordance with  
Learning Outcomes-Based Curriculum  
Framework (LOCF) of National Education  
Policy (NEP) 2020**

**For**

**B.A. Economics Degree (Honours)**

**w.e.f.**

**Academic Year 2021-22 and onwards**

## PREAMBLE

Education empowers Mankind. A holistic education paradigm will effectively focus on developing knowledge, employable skill sets, appropriate attitudes and an overall personality. NEP is focused towards imparting such an education system.

India's first education policy of the 21st century is 'National Education Policy 2020' proposes the revision and revamping of all aspects of the education structure, including its regulation and governance. It seeks to create a new system that is aligned with the developmental aspirations & goals of 21st century education, including SDG4, while building upon India's traditions and value systems.

NEP aims for India to have an education system by 2040 that is second to none, with equitable access to the highest-quality education for all learners regardless of social or economic background and seeks to "**ensure inclusive and equitable quality education and promote lifelong learning opportunities for all" by 2030.**"

### **Vision of the National Education Policy 2020**

- ✓ An education system that contributes to an equitable and vibrant knowledge society, by providing high-quality education to all.
- ✓ Develops a deep sense of respect towards the fundamental rights, duties and Constitutional values, bonding with one's country, and a conscious awareness of one's role and responsibilities in a changing world.
- ✓ Instils skills, values, and dispositions that support responsible commitment to human rights, sustainable development and living, and global well-being, thereby reflecting a truly global citizen.

As India is enjoying the demographic dividend, which will last till 2055 and to reap the benefits, a good education policy was the need of the hour. Hence there is lot of hopes on the NEP, which has come as cure the edu-ailments and to plug the shortcomings of the education system which marred for 36 years and strengthen our education system. Expectations on NEP is high. As every good policy success lies in the implementation and active participation of its stake holders, so is the NEP. The success or failure of NEP lies in all our hands. Hence Let all of us join our hands in making the NEP successful.

As enshrined in the National Education Policy-2020 vision of introducing course curriculum for undergraduate studies under Choice Based Credit System (CBCS), the main objective of framing this curriculum of BA/B.Sc. (Basic/Hons) in Economics is to impart the students a holistic understanding of the subject giving substantial weightage to the core contents, skill, value-based and ability enhancement. The syllabus has given due importance on the main streams of the body of knowledge on Economics" with due recognition of its wide spectrum. The ultimate goal of the syllabus is to enable the students to have an in- depth knowledge on the subject and enhance their scope of employment at every level of exit. Adequate emphasis has been given on the new and emerging techniques and understanding of the subject under the changing regime and global context.

There is a need to strengthen the students to understand essential aspects of economics in diverse subject areas not only in social sciences, but also among other natural and physical sciences. The curriculum lays focus on creating new knowledge, acquiring new skills and capabilities in Economics producing an intelligent human resource serving the Economy and society

## PROGRAM OUTCOMES

**The Programme outcomes (POs) are expected to be as under:**

- Students will be able to understand economic vocabulary, methodologies, tools and analysis procedures.
- Students will be familiar with the knowledge and application of micro economics for the formulation of policies and planning.
- Students will learn to apply economic theories and concepts to contemporary social issues, as well as analysis of policies.
- Students will be able to understand the impact of government policies and will be able to assess the consequences of the policies on the parties involved.
- As the programme along with economics contains like statistics, mathematics, it enhances them to compute and assess the real situation of the economy including the size and changes of population, income pattern, and rate of development with pattern of savings and investments and social security measures adopted in the country.
- Understand the basics of Quantitative techniques their applications
- Critically evaluate the ongoing economic developments in India and abroad
- **Understand research methods in economics**
- Student develops an awareness of career choices and the option for higher studies.

## 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 committee deliberated on the same and suggested the following pattern for the CIEMarks.

S1.No.	Parameters for the Evaluation	Marks
<b>Continuous Internal Evaluation (CIE)</b>		
A	Continuous & Comprehensive Evaluation (CCE)	<b>20 Marks</b>
B	Internal Assessment Tests (IAT)	<b>20 Marks</b>
	Total of CIE (A+B)	<b>40 Marks</b>
C	Semester End Examination (SEE)	<b>60 Marks</b>
	<b>Total of CIE and SEE (A + B + C)</b>	<b>100 Marks</b>

### **Evaluation process of IA marks may be as follows:**

- The first component (C1), of assessment is for 20 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 17<sup>th</sup> – 20<sup>th</sup> 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 60%.

- 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
<b>Session Test</b>	10 marks	10 marks	20
<b>Seminars etc.</b>	10 marks		10
<b>Case study / Assignment / Field work / Project work/ Academic Economics Quiz/Review of the Book/ etc</b>		10 marks	10
<b>Total</b>	20 marks	20 marks	40

## PROGRAM STRUCTURE

The following is the Program Structure for the B.A. (Hon.) Economics Program of Rani Channamma University:

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE)/ Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
	DSC-1: Basic Economics -I (3)  DSC-2: Contemporary Indian Economy (3)	OE-1: Kautilya's Arthashastra 2. Pre-reforms Indian Economy 3. Development Studies (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (2) (1+0+2)	Physical Education - Yoga (1) (0+0+2)	Health & Wellness (1) (0+0+2)
	DSC-3: Basic Economics -II (3)  DSC-4: Karnataka Economy (3)	OE-2: 1. Contemporary Indian Economy 2. Sustainable Development 3. Economics of Business Environment (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R &R(S&G)/ Cultural (1) (0+0+2)
Exit option with Certificate in Economics (48 credits)						
	DSC-5: Micro Economics (3)  DSC-6: Mathematical Economics (3)	OE-3: 1. Rural Economics 2. Economics of Insurance 3. Economics of Human Development (3)	L1-3(3), L2-3(3) (4 hrs each)	SEC-2: Artificial Intelligence (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R &R(S&G)/ Cultural (1) (0+0+2)
	DSC-7: Macro Economics (3)  DSC-8 Statistics for Economics (3)	OE-4: 1. Karnataka Economy 2. Entrepreneurial Economics 3. Economics and Law (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R &R(S&G)/ Cultural (1) (0+0+2)

Exit option with Diploma in Economics (96 credits)

<p>DSC-9: Public Economics (4)</p> <p>DSC-10: Development Economics (4)</p>	<p>DSE-1: (3)</p> <ol style="list-style-type: none"> <li>1. Agricultural Economics</li> <li>2. Industrial Economics</li> <li>3. Financial Economics (choose 1)</li> </ol> <p>VOC-1:</p> <ol style="list-style-type: none"> <li>1. Entrepreneurial Economics</li> <li>2. Digital Economics (3)</li> </ol>			<p>SEC-3: SEC such as Cyber Security (2)</p> <p>(1+0+2)</p>	<p>Physical Education- Sports (0+0+2)</p> <p>(1)</p>	<p>NCC/NSS/R &amp;R(S&amp;G)/ Cultural (1) (0+0+2)</p>
<p>DSC-11: International Economics (4)</p> <p>DSC-12: Indian Public Finance (4)</p>	<p>DSE-2</p> <ol style="list-style-type: none"> <li>1. Labour Economics</li> <li>2. Economics of Non-Farm Sector</li> <li>3. Tertiary Economics (Choose 1) (3)</li> </ol> <p>VOC-2:</p> <ol style="list-style-type: none"> <li>1. Micro Entrepreneurs Development</li> <li>2. Project Planning &amp; Management (Choose 1) (3)</li> </ol>			<p>SEC-4: Professional Communication (2)</p>	<p>Physical Education -Sports (1) (0+0+2)</p>	<p>NCC/NSS/R&amp;R(S&amp;G)/ Cultural (1) (0+0+2)</p>

Exit Option with Bachelor of Economics Degree (144 credits)

<p>DSC-13: Advanced Micro economics (4)</p> <p>DSC-14: Financial Economics (4)</p> <p>DSC-15: Econometrics (3)</p> <p>DSC- B.A 7. 6 Research Methodology for Economics (3)</p>	<p><b>DSE -3 (3)</b></p> <ol style="list-style-type: none"> <li>1. Population Studies</li> <li>2. Urban Economics</li> <li>3. Economics of Infrastructure(Choose 1)</li> <li>4. <b>VOC-3</b></li> </ol> <ol style="list-style-type: none"> <li>1. Economics of Governance</li> <li>2. Gender Economics</li> <li>3. Economics of Health &amp; Education</li> </ol> <p>(Choose 1) (3)</p>					
<p>DSC-16: Economics and Data Analytics (4)</p>	<p><b>DSE 4 (3)</b></p> <ol style="list-style-type: none"> <li>1. Institutional Economics</li> <li>2. International Finance</li> <li>3. Co-operative</li> </ol>					

DSC-17: Behavioural Economics (4) DSC-18: Environmental Economics (3) DSC- B.A 8. 5 Research Project (6)	Economics						
Award of Bachelor of Economics Honours Degree (186 credits),							

## B.A PROGRAM

Proposed Scheme of Teaching and Evaluation for B.A (Basic/Hons) with Economics as Major

<b>Semester -I</b>								
<b>Sl No.</b>	<b>Course Code</b>	<b>Title of the Course</b>	<b>Category of Courses</b>	<b>Teaching Hours per Week (L+T+P)</b>		<b>CIE</b>	<b>Total Marks</b>	
1	Economics-C1	Basic Economics -I	DSC	3+0+0	60	40	100	
2	Economics-C2	Contemporary Indian Economy	DSC	3+0+0	60	40	100	

3	Open Electives - Economics	1. Kautilya's Arthashastra 2. Pre-reforms Indian Economy 3. Development Studies	OEC	3+0+0	60	40	100	
								09

Semester -II								
	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L+T+P)		C I E	Total Marks	Credits
1	Economics-C3	Basic Economics - II	DSC	3+0+0	60	40	100	3
2	Economics-C4	Karnataka Economy	DSC	3+0+0	60	40	100	3
3	Open Electives- Economics	4. Contemporar y Indian Economy 5. Sustainable Development 6. Economics of Business Environment	OEC	3+0+0	60	40	100	3
Sub- Total								09
Exit option with Certificate (48Credits)								

### PROGRAM ARTICULATION MATRIX

Semester	Name of the course- Discipline Specific Core Course (DSCC)	What all program outcomes the course addresses (not exceeding three per course)	Pre-requisite course(s)	Pedagogy	Assessment
1	Basic Economics -I	1. Basic economic concepts and terms. 2. Operation of a market system; 3. Production and cost relationships of a business firm;.	Nil	Lecture	i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70 marks

1	Contemporary Indian Economy	<ul style="list-style-type: none"> <li>i. Current problems of Indian Economy</li> <li>ii. Recent growth of the Indian economy</li> <li>iii. Impact of LPG policies on economic growth in India</li> </ul>	Nil	Lecture	<ul style="list-style-type: none"> <li>i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and</li> <li>ii) Written Semester-end Examination for 70marks</li> </ul>
2	Basic Economics –II	<ul style="list-style-type: none"> <li>1. Operation of the overall economic system;</li> <li>2. Calculate national income</li> <li>3. Relationship between macroeconomic aggregates;</li> </ul>	Nil	Lecture	<ul style="list-style-type: none"> <li>i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and</li> <li>ii) Written Semester-end Examination for 70marks</li> </ul>
2	Karnataka Economy	<ul style="list-style-type: none"> <li>1. Economic growth and problems of Karnataka state.</li> <li>2. Structural growth in Karnataka economy;</li> <li>3. Policies &amp; Programmes of Govt. of Karnataka</li> </ul>	Nil	Lecture	<ul style="list-style-type: none"> <li>i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and</li> <li>ii) Written Semester-end Examination for 70marks</li> </ul>

## ASSESSMENT METHODS

Type of Course	Formative Assessment / IA	Summative Assessment
Theory	40	60
Practical	-	-
Projects	30	70
Experiential Learning (Internships/Social Work Practicum etc.)	-	-

### **COURSE WISE SYLLABUS**

#### **BA (Hons) Economics Semester 1**

#### **DSC 1.2: Basic Economics – I**

Course Title: <b>DSC 1.2: Basic Economics -I</b>	
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 Outcomes:**

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

4. Identify the facets of an economic problem.
5. Learn basic economic concepts and terms.

6. Explain the operation of a market system;
7. Analyse the production and cost relationships of a business firm;
8. Evaluate the pricing decisions under different market structures; and
9. Use basic cost-benefit calculations as a means of decision making (i.e., thinking like an economist)

Content of Basic Economics 1	42 Hrs
<b>Unit – 1 Basic Concepts in Economics</b>	14
<b>Chapter No. 1 Nature and Scope of Economics</b> <ul style="list-style-type: none"> <li>• Meaning of Economics</li> <li>• Nature of Economics</li> <li>• Scope of Economics</li> <li>• Methods of Economics</li> <li>• Why Study Economics?</li> </ul>	5
<b>Chapter No. 2 Thinking Like an Economist</b> <ul style="list-style-type: none"> <li>• Thinking Like an Economist</li> <li>• The Economist as Scientist</li> <li>• The Economist as Policy Adviser</li> <li>• Economic Policy</li> </ul>	4
<b>Chapter No. 3 Economic System</b> <ul style="list-style-type: none"> <li>• Types of Economic Activities</li> <li>• Organisation of Economic Activities</li> <li>• Circular Flow of Economic Activities</li> <li>• Evolution of the Present Economic Systems</li> </ul>	5
<b>Practicum:</b> 1. Group Discussions on Choice Problem 2. Assignment on Types of Economic Systems	
<b>Unit – 2 Demand, Supply and Markets</b>	14
<b>Chapter No. 4. Firms and Household</b> <ul style="list-style-type: none"> <li>• Meaning of Firms and Household</li> <li>• Relationship Between Firms and Household</li> <li>• Input Markets</li> <li>• Output Markets</li> </ul>	4
<b>Chapter No. 5. Demand and Supply</b> <ul style="list-style-type: none"> <li>• Individual Demand</li> <li>• Market Demand</li> <li>• Demand Determinants</li> <li>• Supply and its Determinants</li> <li>• Market Equilibrium</li> </ul>	5
<b>Chapter No. 6. Elasticity and its Measurement</b> <ul style="list-style-type: none"> <li>• Types of Elasticity of Demand</li> <li>• Price, Income and Cross Elasticities</li> <li>• Measurement of Elasticity of Demand</li> <li>• Determinants of Elasticity of Demand</li> </ul>	5
<b>Practicum:</b> 1. Estimation of demand and supply elasticities 2. solving an equilibrium problem	

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

## Semester I

<b>Course Title: DSC 1.3: Contemporary Indian Economy</b>	
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
<b>Unit – 1 LPG POLICIES, ECONOMIC REFORMS AND AGRICULTURE</b>	14
<b>Chapter No. 1 Recent Issues</b> <ul style="list-style-type: none"> <li>• Genesis and Impact of LPG</li> <li>• India's population policy</li> <li>• Demographic Dividend</li> <li>• India's human development in global perspective</li> </ul> <b>Chapter No. 2 Urbanization and governance</b> <ul style="list-style-type: none"> <li>• Urbanization and Smart City Mission</li> <li>• Informal sector</li> <li>• Impact of COVID-19 Pandemic</li> <li>• Atma Nirbhara Bharat Abhiyan</li> </ul> <b>Chapter No. 3 Economic Reforms and Agriculture</b> <ul style="list-style-type: none"> <li>• Agriculture and WTO</li> <li>• Price policy and Subsidies</li> <li>• Commercialisation and Diversification</li> <li>• Public Distribution System</li> <li>• Impact of public expenditure on agricultural growth</li> <li>• Agrarian Crisis, Doubling Farm Incomes, MGNREGS</li> </ul> <b>Practicum</b> <ol style="list-style-type: none"> <li>1. Mini-project to ascertain the impact of pandemic on lives of different sections of population</li> <li>2. Field visits to understand the agrarian situation</li> </ol>	4
<b>Unit – 2 INDUSTRY, BUSINESS, FISCAL POLICY</b>	14
<b>Chapter No. 4. Industrial Policy</b> <ul style="list-style-type: none"> <li>• New Industrial Policy and changes</li> <li>• Public sector reform</li> <li>• Privatisation and Disinvestment</li> <li>• Competition Policy</li> </ul>	4
<b>Chapter No. 5. Business</b> <ul style="list-style-type: none"> <li>• Ease of Doing Business</li> <li>• Performance of MSMEs</li> <li>• Role of MNC's in Industrial Development</li> <li>• Make in India, development of economic and social infrastructure</li> <li>• National Monetization Pipeline</li> </ul> <p>(The teacher should include the latest policy of the government)</p> <b>Chapter No. 6. Fiscal Policy</b> <ul style="list-style-type: none"> <li>• Tax, Expenditure, Budgetary deficits</li> <li>• Pension and Fiscal Reforms</li> <li>• Public debt management and reforms</li> <li>• Fiscal Responsibility and Budget Management (FRBM) Act</li> <li>• GST, Fiscal Federalism and Fiscal Consolidation</li> <li>• Recommendations of the Current Finance Commission</li> </ul> <b>Practicum:</b> Mini-projects to assess the business climate	5
<b>Unit – 3 MONETARY POLICY, FOREIGN TRADE AND INVESTMENT</b>	14

<b>Chapter No. 7 Monetary Policy</b>	3
<ul style="list-style-type: none"> <li>• Organisation of India's money market</li> <li>• Financial sector reforms</li> <li>• Interest rate policy</li> <li>• Review of monetary policy of RBI</li> </ul>	
<b>Chapter No. 8. Money and Capital Markets</b>	5
<ul style="list-style-type: none"> <li>• Working of SEBI in India</li> <li>• Changing roles of the Reserve Bank of India</li> <li>• Commercial banks,</li> <li>• Development Finance Institutions</li> <li>• Foreign banks and Non-banking financial institutions</li> <li>• Analysis of price behaviour in India, Anti-inflationary measures</li> <li>• Demonetization and its impact</li> </ul>	
<b>Chapter No. 9. Foreign Trade and Investment</b>	6
<ul style="list-style-type: none"> <li>• India's foreign trade</li> <li>• India Balance of payment since 1991</li> <li>• New Exchange Rate Regime: Partial and full convertibility</li> <li>• Capital account convertibility</li> <li>• FDI – Trends and Patterns</li> <li>• New EXIM policy, WTO and India</li> <li>• Bilateral and Multilateral Trade Agreements and Associations</li> </ul>	
<b>Practicum:</b>	
<ol style="list-style-type: none"> <li>1. Computation and analysis of Wholesale Price Index, Consumer Price Index: components and trends.</li> <li>2. Group Discussions on India's trade policies and trade agreements</li> </ol>	
<b>References</b>	
<ul style="list-style-type: none"> <li>• Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.</li> <li>• Bhaduri Amit, (2015), A Model of Development By Dispossession, Fourth Foundation</li> <li>• Byres Terence J. (ed.), (1998), The State, Development Planning and Liberalisation 'in India, Delhi, OUP</li> <li>• Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi</li> </ul>	

- 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

## Semester I

<b>Course Title: OEC 1.5: Kautilya's Arthashastra (OEC)</b>	
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):** 12<sup>th</sup> 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: Introduction to the Arthashastra, Chapter 2: Various disciplines of Indian Education System, Chapter 3: Place of Kautilya Arthashastra among them, <b>Practicum</b> • Autobiography of Kautilya	2 2 2
II	Chapter 4: Importance of science dealing with governance - Introduction to Tantrayuktis – The methods of preparing a compendium, tools and techniques of writing a compendium. Chapter 5: Governance Procedure- Appointment of the ministers, duties of Government superintendents, treasury, spies, royal writ, punishment- Vakparushya and Dandaparushya; Chapter 6: Laws of Inheritance – Determination of forms of Agreements, determination of legal disputes, Division of inheritance, Special shares in inheritance, Distinction between sons	5 5 5

III	<p>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</p> <p>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,</p> <p>Chapter 9: Defence and Warfare: Planning of different Vyuhas in War</p> <p><b>Practicum</b></p> <ul style="list-style-type: none"> <li>• Taxation policy of Kautilya</li> </ul>	9 9 3
<p><b>Suggested readings:</b></p> <ol style="list-style-type: none"> <li>1. Arthashastra of Kautilya by T. Ganapati Shastri, Chaukhamba Surbharti Prakashana, Varanasi, India, 2005.</li> <li>2. Arthashastra of Kautilya by Sri. Vacaspati Gairola, Chaukhamba Vidyabahavan, Varanasi, India, 2013.</li> <li>3. Kautilya, The Arthashastra by L.N. Rangarajan, Penguin Books Ltd, London.</li> <li>4. Kautilya's Arthashastra: The Way of Financial Management and Economic Governance, Jaico Publishing House, Mumbai, India.</li> </ol>		

## Semester 1

<b>Course Title: OEC 1.5: Pre-Reforms Indian Economy (OEC)</b>	
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):** 12<sup>th</sup> 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	<b>Features and problems of Indian Economy</b>  <b>Chapter 1: Features of Indian Economy</b> <ul style="list-style-type: none"><li>• India as a developing economy,</li><li>• Demographic features</li><li>• Human Development (HDI),</li><li>• Problems of Poverty, Unemployment, Inflation, income inequality</li></ul> <b>Chapter 2: Issues in Agriculture sector in India</b> <ul style="list-style-type: none"><li>• Land reforms</li><li>• Green Revolution</li><li>• Agriculture marketing in India</li><li>• Agricultural price policy</li></ul> <b>Chapter 3: Industrial and Service Sector</b> <ul style="list-style-type: none"><li>• Industrial development;</li><li>• Micro, Small and Medium Enterprises,</li><li>• Industrial Policy</li><li>• Performance of public sector in India,</li><li>• Service sector in India.</li></ul> <b>Practicum:</b> 1. Identifying economic problems and their causes; 2. Mini-project on any aspect of Indian agriculture, industry, service and public sectors	15
II	<b>Economic Policies</b>  <b>Chapter 4: Planning</b> <ul style="list-style-type: none"><li>• Mixed Economy</li><li>• Bombay Plan</li><li>• Gandhian Model</li><li>• Nehru Mahalanobis Model</li><li>• Objectives and achievements of economic planning in India</li></ul> <b>Chapter 5: Monetary policy in India</b> <ul style="list-style-type: none"><li>• Instruments of Monetary Policy</li><li>• Black money in India – Magnitude and Impact</li></ul>	13

	<p><b>Chapter 6: Fiscal Policy in India</b></p> <ul style="list-style-type: none"> <li>• Tax Revenue</li> <li>• Public expenditure</li> <li>• Budgetary deficits</li> <li>• Fiscal reforms</li> <li>• Public debt management and reforms</li> <li>• Centre state Finance Relations and Finance commissions in India.</li> </ul> <p><b>Practicum:</b> Assignment on successes and failures of India's planning; Monetary and Fiscal Policy instruments</p>	6
<b>III</b>	<b>External sector and Nature of Reforms in India</b>	<b>14</b>
	<p><b>Chapter 7: India's foreign trade</b></p> <ul style="list-style-type: none"> <li>• Salient features</li> <li>• Value, composition and direction of trade</li> <li>• Balance of payments</li> <li>• Goal of self-reliance based on import substitution and protection</li> <li>• Tariff policy</li> <li>• Exchange rate</li> </ul> <p><b>Chapter 8: Post-1991 strategies</b></p> <ul style="list-style-type: none"> <li>• Stabilisation and structural adjustment packages</li> <li>• Liberalisation Privatisation Globalisation (LPG) Model</li> <li>• Impact of LPG Policies on Indian Economy</li> </ul> <p><b>Chapter 9: NITI Ayog</b></p> <ul style="list-style-type: none"> <li>• Organization</li> <li>• Functions</li> </ul> <p>Practicum: Calculation of BoP and evaluating trade policies; Assignment and group discussion on the impact of LPG Policies</p>	6 6 2
	<p><b>Suggested Readings:</b></p> <ol style="list-style-type: none"> <li>1. Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi.</li> <li>2. Mishra S.K &amp; V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House.</li> <li>3. Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation</li> <li>4. Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.</li> <li>5. Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.</li> </ol>	

## Semester 1

<b>Course Title: OEC 1.5: Development Studies (OEC)</b>	
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):** 12<sup>th</sup> 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	<b>Development: Meaning and Current Challenges</b>	<b>9</b>
	<b>Chapter 1: Meaning of Development</b> <ul style="list-style-type: none"> <li>• The concept of development,</li> <li>• Growth and Development</li> <li>• Transition from quantitative to qualitative indices</li> </ul> <b>Chapter 2: Modern economic growth</b> <ul style="list-style-type: none"> <li>• Characteristics of modern economic growth</li> <li>• Regional and global disparities</li> <li>• Common characteristics and dissimilarities among developing countries.</li> </ul> <b>Chapter 3: Current Development Challenges</b> <ul style="list-style-type: none"> <li>• Inequality</li> <li>• Migration</li> <li>• Conflicts</li> </ul> <b>Practicum:</b> <ul style="list-style-type: none"> <li>• Qualitative and Quantitative Indices</li> <li>• Global and Regional Disparity in Growth</li> </ul>	3 3 3
II	<b>Approaches to Development</b>	<b>12</b>
	<b>Chapter 4: Development Ethics</b> <ul style="list-style-type: none"> <li>• Concept and meaning</li> <li>• Principles and importance of Development Ethics</li> </ul> <b>Chapter 5: Assessing Development</b> <ul style="list-style-type: none"> <li>• Per capita income</li> </ul>	2 4

	<ul style="list-style-type: none"> <li>• PQLI</li> <li>• Choice and Capabilities</li> <li>• HDI</li> </ul> <p><b>Chapter 6: Approaches of Development</b></p> <ul style="list-style-type: none"> <li>• Adam Smith</li> </ul>	6
	<ul style="list-style-type: none"> <li>• Marx</li> <li>• Schumpeter</li> <li>• Structuralist approach</li> <li>• Neo-liberalism, IMF and structural adjustment</li> <li>• Capabilities Approach</li> </ul> <p>Practicum:</p> <ul style="list-style-type: none"> <li>• CALCULATION OF PQLI</li> <li>• CALCULATION OF HDI</li> </ul>	
III	<b>Theories and Current Issues in Development</b>	21
	<p><b>Chapter 7: Theories of Development</b></p> <ul style="list-style-type: none"> <li>• Theorizing Development - Modernization Theory, Dependency Theory</li> <li>• Capitalist World System</li> <li>• The evolution of thought on poverty reduction</li> <li>• Colonial Regimes and Their Legacies</li> </ul> <p><b>Chapter 8: The Industrial Revolution</b></p> <ul style="list-style-type: none"> <li>• Genesis and Spread</li> <li>• International specialization of Labour/Industry</li> <li>• Industrial Labour</li> <li>• ILO and its activities to promote labour standards</li> </ul> <p><b>Chapter 9: Environment and development</b></p> <ul style="list-style-type: none"> <li>• Increasing degradation of natural environment – water and air pollution and deforestation</li> <li>• Depletion of global commons</li> <li>• Sustainable development - concept and measures</li> <li>• SDGs</li> <li>• Climate Change – Causes, Impact, Measures of Mitigation and Adaptations</li> </ul> <p>Practicum:</p> <ul style="list-style-type: none"> <li>• ILO AND LABOUR STANDARDS</li> <li>• SDGs PERFORMANCE</li> </ul>	6
	<b>Suggested Readings:</b>	5
	<ol style="list-style-type: none"> <li>1. Crocker, D. (2008). Ethics and development theory-practice, Ethics of Global Development Agency, Capability, and Deliberative Democracy, 67-106</li> <li>2. Des Gasper (2008), 'Denis Goulet and the Project of Development Ethics: Development, 8, 99. 481-9, Elsevier Science, 1, pp.10-26.</li> <li>3. Drèze, Jean and Amartya Sen( 2002), India: Development and Participation, second edition. Oxford: Oxford University Press.</li> <li>4. Gasper, D. (2004). The ethics of development: From Economism to human development. Edinburgh: Edinburgh University Press</li> <li>5. Huntington, Samuel (1971), The change to change: Modernization, development and politics. Comparative Politics, 3.</li> <li>6. Myrdal, Gunnar. (1974), "What is Development?" Journal of Economic Issues 8(4):729-736.</li> <li>7. Peet, Richard with Elaine Hartwick (2009), Theories of Development: Contentions, Arguments, Alternatives (2nd edition). New York: Guilford.</li> <li>8. Sen, Amartya (1999) Development as Freedom. New York: Anchor Books.</li> </ol>	10

## Semester II

<b>Course Title: DSC 2.2: Basic Economics II</b>	
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:

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

Unit	Description	Hrs
<b>I</b>	<b>Macroeconomic Concepts and Relationships</b>	<b>12</b>
	<p><b>Chapter 1: Macroeconomy</b></p> <ul style="list-style-type: none"> <li>• Introduction to National Income Accounting</li> <li>• Concepts of GDP, GNP and national income</li> <li>• Approaches to calculating GDP, personal income, Nominal and real GDP</li> <li>• Limitations of the GDP concept</li> </ul> <p><b>Chapter 2: Monetary economy</b></p> <ul style="list-style-type: none"> <li>• Characteristics</li> <li>• The demand for money</li> <li>• The supply of money and overall liquidity position</li> <li>• credit creation</li> </ul> <p><b>Chapter 3: Inflation</b></p> <ul style="list-style-type: none"> <li>• Meaning and causes of inflation</li> <li>• Calculating inflation rate</li> <li>• Impact of inflation</li> </ul> <p><b>Practicum:</b> 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
<b>II</b>	<b>Macroeconomic Challenges and Policies</b>	12
	<p><b>Chapter 4: Macroeconomic challenges</b></p> <ul style="list-style-type: none"> <li>• Unemployment</li> <li>• Economic Growth</li> <li>• Business Cycles</li> </ul> <p><b>Chapter 5: Monetary Policy</b></p> <ul style="list-style-type: none"> <li>• Objectives</li> <li>• Instruments</li> </ul> <p><b>Chapter 6: Fiscal Policy</b></p> <ul style="list-style-type: none"> <li>• Public finance vs. Private finance</li> <li>• Fiscal functions and role of government: allocation, distribution and stabilisation</li> <li>• Characteristics of public goods,</li> </ul>	3 3 6

	<ul style="list-style-type: none"> <li>• Rationale of public provision of public goods</li> </ul> <p>Practicum: 1. Reviewing the monetary policy of RBI; 2. A project to identify the nature and causes of poverty and the latest central budget</p>	
III	<b>Public Policy and Globalization</b>	18
	<b>Chapter 7: Poverty and public policy</b> <ul style="list-style-type: none"> <li>• Meaning, measurement and types of poverty</li> <li>• Poverty alleviation strategies in India</li> </ul> <b>Chapter 8: International Trade</b> <ul style="list-style-type: none"> <li>• The economic basis for trade—absolute advantage and comparative advantage,</li> <li>• terms of trade</li> <li>• exchange rates</li> <li>• Trade Barriers-tariffs, subsidies and quotas</li> </ul> <p>Balance of Payments-The current and capital account</p> <b>Chapter 9: Globalization</b> <ul style="list-style-type: none"> <li>• Meaning</li> <li>• Importance</li> <li>• Pros and cons of Globalization</li> </ul> <p>Practicum: Survey on identification of poor; Calculating the components of BoP of India</p>	6 9 3
	<b>References (indicative)</b>	
	<ol style="list-style-type: none"> <li>1. Cohen, A.J. (2020). <i>Macroeconomics for Life: Smart Choices for All? + MyLab Economics with Pearson eText</i> (updated 2<sup>nd</sup> ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780136716532</li> <li>2. Cohen, A.J. (2015). <i>Microeconomics for Life: Smart Choices for You + MyLab Economics with Pearson eText</i> (2<sup>nd</sup> ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780133899368</li> <li>3. Case Karl E. and Fair Ray C. <i>Principles of Economics</i>, Pearson Education Asia, 2014.</li> <li>4. Mankiw N. Gregory. <i>Principles of Economics</i>, Thomson, 2013.</li> <li>5. Stiglitz J.E. and Walsh C.E. <i>Principles of Economics</i>, W.W. Norton &amp; Co, New York, 2011.</li> </ol>	

## Semester II

<b>Course Title: DSC 2.3: Karnataka Economy</b>	
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:

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

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

	<ul style="list-style-type: none"> <li>• Major Industries in Karnataka - Problems and Prospects</li> <li>• MSMEs - Problems and Measures</li> <li>• IT Industries in Karnataka</li> <li>• Industrial Finance in Karnataka</li> <li>• Industrial Policy of Karnataka</li> </ul> <p>Practicum:</p> <ul style="list-style-type: none"> <li>• Group Discussion – Farmer’s Suicide</li> <li>• Structure of PDS</li> <li>• Seminar on MSME’s Opportunities and Challenges</li> </ul>	
III	<b>Infrastructure and Finances</b>	12
	<p><b>Chapter 7: Infrastructure in Karnataka</b></p> <ul style="list-style-type: none"> <li>• Transportation: Road, Rail, Water and Air Transport</li> <li>• Information and Communication Technology facilities;</li> </ul> <p><b>Chapter 8: Social Infrastructure</b></p> <ul style="list-style-type: none"> <li>• Drinking Water, Sanitation</li> <li>• Housing</li> <li>• Health and Education</li> <li>• Social Security in Karnataka</li> </ul> <p><b>Chapter 9: State Finance</b></p> <ul style="list-style-type: none"> <li>• Sources of Revenue: Direct and Indirect Taxes</li> <li>• GST – Impact and Collections</li> <li>• Sharing of Central Taxes and Grand-in-Aid</li> <li>• Expenditure Sources</li> <li>• States Indebtedness</li> <li>• State Finance Commission</li> <li>• State Budget</li> </ul> <p>Practicum:</p> <ul style="list-style-type: none"> <li>• Social Infrastructure</li> <li>• State Budget</li> <li>• GST Implications</li> </ul>	3 4 5
<p><b>References (indicative)</b></p> <ol style="list-style-type: none"> <li>1. Government of Karnataka, Economic Survey [Various Issues]</li> <li>2. Planning Department, Annual Publication, Government of Karnataka.</li> <li>3. Karnataka at Glance, Annual Publication Government of Karnataka.</li> <li>4. Madaiah M &amp; Ramapriya. Karnataka Economy Growth: Issues and Development, Himalaya Pub., House, New Delhi.</li> <li>5. Adul Aziz and K.G. Vasanti. (Eds) Karnataka Economy.</li> <li>6. Government District Development Reports</li> <li>7. Hanumantha Rao. Regional Disparities and Development in Karnataka.</li> <li>8. Krishnaiah Gowda H.R. Karnataka Economy, Spandana Publications, Bangalore</li> <li>9. Nanjundappa D.M. Some Aspects of Karnataka Economy.</li> <li>10. Puttaswamiah K. Karnataka Economy, Two Volumes</li> </ol>		

## Semester II

<b>Course Title: OEC 2.5: Contemporary Indian Economy</b>	
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	<b>42 Hrs</b>
<b>Unit – 1 LPG POLICIES, ECONOMIC REFORMS AND AGRICULTURE</b>	14
<b>Chapter No. 1 Recent Issues</b> <ul style="list-style-type: none"> <li>• Genesis and Impact of LPG</li> <li>• India's population policy</li> <li>• Demographic Dividend</li> <li>• India's human development in global perspective</li> </ul> <b>Chapter No. 2 Urbanization and governance</b> <ul style="list-style-type: none"> <li>• Urbanization and Smart City Mission</li> <li>• Informal sector</li> <li>• Impact of COVID-19 Pandemic</li> <li>• Atma Nirbhar Bharat Abhiyan</li> </ul> <b>Chapter No. 3 Economic Reforms and Agriculture</b> <ul style="list-style-type: none"> <li>• Agriculture and WTO</li> <li>• Price policy and Subsidies</li> <li>• Commercialisation and Diversification</li> <li>• Public Distribution System</li> <li>• Impact of public expenditure on agricultural growth</li> <li>• Agrarian Crisis, Doubling Farm Incomes, MGNREGS</li> </ul>	4
<b>Practicum</b> <ol style="list-style-type: none"> <li>3. Mini-project to ascertain the impact of pandemic on lives of different sections of population</li> <li>4. Field visits to understand the agrarian situation</li> </ol>	4
<b>Unit – 2 INDUSTRY, BUSINESS, FISCAL POLICY</b>	14
<b>Chapter No. 4. Industrial Policy</b> <ul style="list-style-type: none"> <li>• New Industrial Policy and changes</li> <li>• Public sector reform</li> <li>• Privatisation and Disinvestment</li> <li>• Competition Policy</li> </ul>	4

<p><b>Chapter No. 5. Business</b></p> <ul style="list-style-type: none"> <li>• Ease of Doing Business</li> <li>• Performance of MSMEs</li> <li>• Role of MNC's in Industrial Development</li> <li>• Make in India, development of economic and social infrastructure</li> <li>• National Monetization Pipeline</li> </ul> <p>(The teacher should include the latest policy of the government)</p>	5
<p><b>Chapter No. 6. Fiscal Policy</b></p> <ul style="list-style-type: none"> <li>• Tax, Expenditure, Budgetary deficits</li> <li>• Pension and Fiscal Reforms</li> <li>• Public debt management and reforms</li> <li>• Fiscal Responsibility and Budget Management (FRBM) Act</li> <li>• GST, Fiscal Federalism and Fiscal Consolidation</li> <li>• Recommendations of the Current Finance Commission</li> </ul>	5
<p><b>Practicum:</b> Mini-projects to assess the business climate</p>	
<p><b>Unit – 3 MONETARY POLICY, FOREIGN TRADE AND INVESTMENT</b></p>	14
<p><b>Chapter No. 7 Monetary Policy</b></p> <ul style="list-style-type: none"> <li>• Organisation of India's money market</li> <li>• Financial sector reforms</li> <li>• Interest rate policy</li> <li>• Review of monetary policy of RBI</li> </ul>	3
<p><b>Chapter No. 8. Money and Capital Markets</b></p> <ul style="list-style-type: none"> <li>• Working of SEBI in India</li> <li>• Changing roles of the Reserve Bank of India</li> <li>• Commercial banks,</li> <li>• Development Finance Institutions</li> <li>• Foreign banks and Non-banking financial institutions</li> <li>• Analysis of price behaviour in India, Anti-inflationary measures</li> <li>• Demonetization and its impact</li> </ul>	5
<p><b>Chapter No. 9. Foreign Trade and Investment</b></p> <ul style="list-style-type: none"> <li>• India's foreign trade</li> <li>• India Balance of payment since 1991</li> <li>• New Exchange Rate Regime: Partial and full convertibility</li> <li>• Capital account convertibility</li> <li>• FDI – Trends and Patterns</li> <li>• New EXIM policy, WTO and India</li> <li>• Bilateral and Multilateral Trade Agreements and Associations</li> </ul>	6
<p><b>Practicum:</b></p> <ol style="list-style-type: none"> <li>3. Computation and analysis of Wholesale Price Index, Consumer Price Index: components and trends.</li> <li>4. Group Discussions on India's trade policies and trade agreements</li> </ol>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>• Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.</li> <li>• Bhaduri Amit, (2015), A Model of Development By Dispossession, Fourth Foundation</li> <li>• Byres Terence J. (ed.), (1998), The State, Development Planning and Liberalisation 'in India, Delhi, OUP</li> <li>• Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi.</li> </ul>	

- 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

## Semester II

<b>Course Title: OEC 2.5: Sustainable Development</b>	
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 basic concept of Sustainable Development (SD), the environmental, social and economic dimensions.
- ii. Know the history of the SD idea.
- iii. Be able to discuss the conflicts which are involved in the SD concept on the national as well as on the global scale.
- iv. Be able to discuss the (dis-)advantages of instruments for SD;
- v. Evaluate the sustainable development goals and their attainments

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

	<ul style="list-style-type: none"> <li>• Types of financing</li> <li>• New financing mechanisms and global funds</li> </ul> <p><b>Practicum:</b> Assignments on Progress in attainment of various SDGs in India and her states</p>	
<b>III</b>	<b>Issues in Implementing SDGs</b>	17
	<p><b>Chapter 7: Means to Realizing the SDGs</b></p> <ul style="list-style-type: none"> <li>• Degrowth and circular economy</li> <li>• Sustainable production and consumption</li> <li>• Sustainable cities and transportation</li> <li>• Sustainable designs, technology, digital revolution and innovation</li> <li>• Renewable energy</li> </ul> <p><b>Chapter 8: Implementing SDGs</b></p> <ul style="list-style-type: none"> <li>• governance and policy tools</li> <li>• openness, participation and accountability,</li> <li>• effectiveness and coherence;</li> <li>• India's framework for sustainable development</li> </ul> <p><b>Chapter 9: Other Issues</b></p> <ul style="list-style-type: none"> <li>• Social business, CSOs, and operations</li> <li>• Development Assistance</li> <li>• Cross-Border Cooperation</li> </ul> <p><b>Practicum:</b> Group Discussion on case studies on sustainable practices and processes</p>	8

**Suggested Readings:**

- Baumol, W.J. and W.E. Oates (1988): *The Theory of Environmental Policy* (2e), CUP, Cambridge.
- Bhattacharya, R.N. (Ed): Environmental Economics: An Indian Perspective, OUP, New Delhi.
- Dalby, Simon, et al. Achieving the Sustainable Development Goals: Global Governance Challenges. Routledge, 2019.
- Day, G.S., and P.J.H. Schoemaker (2011), Innovating in uncertain markets: 10 lessons for green technologies, MIT Sloan Management Review, 52.4: 37-45.
- Elliott, Jennifer. An introduction to sustainable development. Routledge, 2012.
- Gagnon, B., Leduc, R., and Savard, L., Sustainable development in engineering: a review of principles and definition of a conceptual framework. Working Paper 08-18, 2008.
- Hanley, Shogren and White (1997): *Environmental Economics in Theory and Practice*, Macmillan.
- Kolstad, C.D. (1999): *Environmental Economics*, OUP, ND.
- Pearce, D.W. and R. Turner (1991): *Economics of Natural Resource Use and Environment*, John Hopkins Press, Baltimore.
- Sachs, Jeffrey D. The age of sustainable development. Columbia University Press, 2015
- Tietenberg, T. (1994): *Environmental Economics and Policy*, Harper Collins, NY.

## Semester II

<b>Course Title: OEC 2.5: Economics of Business Environment</b>	
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
<b>I</b>	<b>Introduction to Business Environment</b>	12
	<b>Chapter 1: Introduction</b> <ul style="list-style-type: none"> <li>• Meaning and definition, objectives, importance and uses of study of business environment. Environmental analysis</li> <li>• Meaning, process of environmental analysis, limitations of environmental analysis, environmental factors</li> <li>• The Micro environment of business and the macro environment of business.</li> </ul> <b>Chapter 2: Economic Environment</b> <ul style="list-style-type: none"> <li>• Meaning of Economic Environment</li> <li>• Characteristics of Indian economy</li> <li>• Impact of Liberalization Privatization &amp; Globalization of Indian Business.</li> <li>• Monetary policy – Meaning, objectives</li> <li>• Fiscal policy – Meaning, objectives, budget and importance</li> <li>• EXIM policy – meaning and objectives</li> <li>• Industrial policy – meaning, objectives (Latest Policy Measures).</li> </ul> <b>Chapter 3: Global Business Environment</b> <ul style="list-style-type: none"> <li>• Meaning</li> <li>• Globalization: Nature and Impact of globalization</li> <li>• Challenges of international business</li> <li>• GATT and WTO and its implications on Indian economy.</li> </ul> <b>Practicum</b> <ol style="list-style-type: none"> <li>1. Identification of the impact of business environment through surveys</li> <li>2. Group discussion on WTO and its impact on Indian business</li> </ol>	3
<b>II</b>	<b>Non-Economic Environment</b>	10
	<b>Chapter 4: Social and Cultural Environment</b> <ul style="list-style-type: none"> <li>• Business and Society</li> <li>• Social Objectives of Business</li> <li>• Corporate Social Responsibility</li> <li>• Consumer Rights &amp; Corporate Governance</li> <li>• Business Ethics</li> </ul> <b>Chapter 5: Technological Environment:</b> <ul style="list-style-type: none"> <li>• Meaning</li> </ul>	4
		2

	<ul style="list-style-type: none"> <li>• Technological changes – R &amp; D in India</li> <li>• Public and Private Investment in R and D.</li> </ul> <p><b>Chapter 6: Financial Environment</b></p> <ul style="list-style-type: none"> <li>• Introduction and Meaning</li> <li>• An Overview of Indian Financial System</li> <li>• Financial Institutions and their Roles</li> <li>• Role of Foreign Direct Investment and its impact on Indian Business</li> </ul> <p><b>Practicum:</b> 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	<b>Government and Business in India</b>	22
	<p><b>Chapter 7: Political Environment</b></p> <ul style="list-style-type: none"> <li>• Introduction and Meaning</li> <li>• Political Environment and the Economic system</li> <li>• Government and Business Relationship in India</li> <li>• Provisions of Indian Constitution for Business</li> </ul> <p><b>Chapter 8: Legal Environment of Business</b></p> <ul style="list-style-type: none"> <li>• Indian Company Law</li> <li>• Competition policy and law</li> <li>• Patents &amp; Trademarks</li> <li>• Industrial Policy- An overview</li> <li>• Labor Laws &amp; Social Security,</li> <li>• Environmental Laws.</li> </ul> <p><b>Chapter 9: Current Issues</b></p> <ul style="list-style-type: none"> <li>• Ease of Doing Business</li> <li>• Performance of MSMEs</li> <li>• Make in India,</li> <li>• Development of economic and social infrastructure</li> <li>• National Monetization Pipeline</li> </ul> <p>(The teacher should include the latest policy of the government)</p> <p><b>Practicum:</b> Students are expected to give a report on how the economic environment has affected the performance of any five large Indian Business Houses.</p>	8
	<b>REFERENCES:</b> 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.	10

## MODEL QUESTION PAPER

..... Semester B.A. (Hon.) Economics Degree Examination 2021-2022

Time 3 Hours

Max Marks: 60

Instruction to candidates:

1. Answer all the three sections
2. Draw the diagrams wherever necessary
3. Section D is Compulsory

### SECTION-A

1. Answer any Three of the following Questions in one or two sentences  $5 \times 2 = 10$

- (a)
- (b)
- (c)
- (d)
- (e)
- (f)
- (g)

### SECTION-B

Answer any Five of the following Questions  $3 \times 5 = 15$

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

### SECTION-C

Answer any Two of the following Questions  $2 \times 10 = 20$

- 7.
- 8.
- 9.
- 10.

### SECTION-D

15 Marks

11. Caselet



## **RANI CHANNAMMA UNIVERSITY, BELAGAVI**

### **DEPARTMENT OF STUDIES IN ECONOMICS**

#### **PROGRAM /COURSE STRUCTURE AND SYLLABUS**

As per the Choice Based Credit System (CBCS) designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP) 2020

For

**B.A. Economics Degree (Honours)  
III & IV Semester**

**w.e.f.**

**Academic Year 2021-22 and onwards**

## PREAMBLE

Education empowers Mankind. A holistic education paradigm will effectively focus on developing knowledge, employable skill sets, appropriate attitudes and an overall personality. NEP is focused towards imparting such an education system.

India's first education policy of the 21st century is 'National Education Policy 2020' proposes the revision and revamping of all aspects of the education structure, including its regulation and governance. It seeks to create a new system that is aligned with the developmental aspirations & goals of 21st century education, including SDG4, while building upon India's traditions and value systems.

NEP aims for India to have an education system by 2040 that is second to none, with equitable access to the highest-quality education for all learners regardless of social or economic background and seeks to "**ensure inclusive and equitable quality education and promote lifelong learning opportunities for all" by 2030.**"

### **Vision of the National Education Policy 2020**

- ✓ An education system that contributes to an equitable and vibrant knowledge society, by providing high-quality education to all.
- ✓ Develops a deep sense of respect towards the fundamental rights, duties and Constitutional values, bonding with one's country, and a conscious awareness of one's role and responsibilities in a changing world.
- ✓ Instils skills, values, and dispositions that support responsible commitment to human rights, sustainable development and living, and global well-being, thereby reflecting a truly global citizen.

As India is enjoying the demographic dividend, which will last till 2055 and to reap the benefits, a good education policy was the need of the hour. Hence there is lot of hopes on the NEP, which has come as cure the edu-ailments and to plug the shortcomings of the education system which marred for 36 years and strengthen our education system. Expectations on NEP is high. As every good policy success lies in the implementation and active participation of its stake holders, so is the NEP. The success or failure of NEP lies in all our hands. Hence Let all of us join our hands in making the NEP successful.

As enshrined in the National Education Policy-2020 vision of introducing course curriculum for undergraduate studies under Choice Based Credit System (CBCS), the main objective of framing this curriculum of BA/B.Sc. (Basic/Hons) in Economics is to impart the students a holistic understanding of the subject giving substantial weightage to the core contents, skill, value-based and ability enhancement. The syllabus has given due importance on the main streams of the body of knowledge on Economics" with due recognition of its wide spectrum. The ultimate goal of the syllabus is to enable the students to have an in- depth knowledge on the subject and enhance their scope of employment at every level of exit. Adequate emphasis has been given on the new and emerging techniques and understanding of the subject under the changing regime and global context.

There is a need to strengthen the students to understand essential aspects of economics in diverse subject areas not only in social sciences, but also among other natural and physical sciences. The curriculum lays focus on creating new knowledge, acquiring new skills and capabilities in Economics producing an intelligent human resource serving the Economy and society

## PROGRAM OUTCOMES

The Programme outcomes (POs) are expected to be as under:

- Students will be able to understand economic vocabulary, methodologies, tools and analysis procedures.
- Students will be familiar with the knowledge and application of micro economics for the formulation of policies and planning.
- Students will learn to apply economic theories and concepts to contemporary social issues, as well as analysis of policies.
- Students will be able to understand the impact of government policies and will be able to assess the consequences of the policies on the parties involved.
- As the programme along with economics contains like statistics, mathematics, it enhances them to compute and assess the real situation of the economy including the size and changes of population, income pattern, and rate of development with pattern of savings and investments and social security measures adopted in the country.
- Understand the basics of Quantitative techniques their applications
- Critically evaluate the ongoing economic developments in India and abroad
- **Understand research methods in economics**
- Student develops an awareness of career choices and the option for higher studies.

## 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 committee deliberated on the same and suggested the following pattern for the CIEMarks.

Sl.No.	Parameters for the Evaluation	Marks
<b>Continuous Internal Evaluation (CIE)</b>		
A	Continuous & Comprehensive Evaluation (CCE)	<b>20 Marks</b>
B	Internal Assessment Tests (IAT)	<b>20 Marks</b>
	<b>Total of CIE (A+B)</b>	<b>40 Marks</b>
C	Semester End Examination (SEE)	<b>60 Marks</b>
	<b>Total of CIE and SEE (A + B + C)</b>	<b>100 Marks</b>

### Evaluation process of IA marks may be as follows:

- The first component (C1), of assessment is for 20 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 17<sup>th</sup> – 20<sup>th</sup> 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 60%.
- 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	10 marks	10 marks	20
Seminars etc.	10 marks		10
Case study / Assignment / Field work / Project work/ Academic Economics Quiz/Review of the Book/ etc		10 marks	10
<b>Total</b>	<b>20 marks</b>	<b>20 marks</b>	<b>40</b>

## PROGRAM STRUCTURE

The following is the Program Structure for the B.A. (Hon.) Economics Program of Rani Channamma University:

Sem.	Discipline Core (DSC) (Credits) (L+T+P)	Discipline Elective(DSE)/ Open Elective (OE) (Credits) (L+T+P)	Ability Enhancement Compulsory Courses (AECC), Languages (Credits) (L+T+P)	Skill Enhancement Courses (SEC)		Total Credits
				Skill based (Credits) (L+T+P)	Value based (Credits) (L+T+P)	
I	DSC-1: Basic Economics -I (3)  DSC-2: Contemporary Indian Economy (3)	OE-1: Kautilya's Arthshastra 2. Pre-reforms Indian Economy 3. Development Studies (3)	L1-1(3), L2-1(3) (4 hrs. each)	SEC-1: Digital Fluency (1+0+2)	Physical Education - Yoga (1) (0+0+2)  Health & Wellness (1) (0+0+2)	25
II	DSC-3: Basic Economics -II (3)  DSC-4: Karnataka Economy (3)	OE-2: 1. Contemporary Indian Economy 2. Sustainable Development 3. Economics of Business Environment (3)	L1-2(3), L2-2(3) (4 hrs. each)	Environmental Studies (2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)  25
Exit option with Certificate in Economics (48 credits)						
III	DSC-5: Micro Economics (3)  DSC-6: Mathematical Economics (3)	OE-3: 1. Rural Economics 2. Economics of Insurance 3. Economics of Human Development (3)	L1-3(3), L2-3(3) (4 hrs each)	SEC-2: Artificial Intelligence (2) (1+0+2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)  25
IV	DSC-7: Macro Economics (3)  DSC-8 Statistics for Economics (3)	OE-4: 1. Karnataka Economy 2. Entrepreneurial Economics 3. Economics and Law 4. Economics GST (3)	L1-4(3), L2-4(3) (4 hrs each)	Constitution of India (2)	Physical Education- Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)  25

Exit option with Diploma in Economics (96 credits)								
<b>V</b>	DSC-9: Public Economics (4)  DSC-10: Development Economics (4)	DSE-1: (3)  1. Agricultural Economics 2. Industrial Economics 3. Financial Economics (choose 1)  VOC-1: 1. Entrepreneurial Economics 2. Digital Economics (3)			SEC-3: SEC such as Cyber Security (2) (1+0+2)	Physical Education-Sports (1) (0+0+2)	NCC/NSS/R&R(S&G)/ Cultural (1) (0+0+2)	22
<b>VI</b>	DSC-11: International Economics (4)  DSC-12: Indian Public Finance (4)	DSE-2  1. Labour Economics 2. Economics of Non-Farm Sector 3. Tertiary Economics (Choose 1) (3)  VOC-2: 1. Micro EntrepreneursesDevelopment 2. Project Planning &Management (Choose 1) (3)			SEC-4: Professional Communication (2)	Physical Education Sports (1) (0+0+2)	NCC/NSS/R&R(S&G) / Cultural (1) (0+0+2)	24
Exit Option with Bachelor of Economics Degree (144 credits)								
<b>VII</b>	DSC-13: Advanced Micro economics (4)  DSC-14: Financial Economics (4)  DSC-15: Econometrics (3)  DSC- B.A 7. 6	<b>DSE -3 (3)</b>  1. Population Studies 2. Urban Economics 3. Economics of Infrastructure (Choose 1) <b>4. VOC-3</b> 1. Economics of Governance 2. Gender Economics 3. Economics of Health & Education (Choose 1) (3)						20

	Research Methodology for Economics (3)							
VIII	DSC-16: Economics and Data Analytics (4) DSC-17: Behavioural Economics (4) DSC-18: Environmental Economics (3) DSC- B.A 8. 5 Research Project (6)	<b>DSE 4 (3)</b> 1. Institutional Economics 2. International Finance 3. Co-operative Economics						20

Award of Bachelor of Economics Honours Degree (186 credits),

## B.A PROGRAM

Proposed Scheme of Teaching and Evaluation for B.A (Basic/Hons) with Economics as Major

### Semester -I

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L+T+P)		CIE	Total Marks	
1	Economics-C1	Basic Economics -I	DSC	3+0+0	60	40	100	
2	Economics-C2	Contemporary Indian Economy	DSC	3+0+0	60	40	100	
3	Open Electives - Economics	1. Kautilya's Arthashastra 2. Pre-reforms Indian Economy 3. Development Studies	OEC	3+0+0	60	40	100	
								09

### Semester -II

	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L+T+P)		CIE	Total Marks	Credits
1	Economics-C3	Basic Economics - II	DSC	3+0+0	60	40	100	3
2	Economics-C4	Karnataka Economy	DSC	3+0+0	60	40	100	3
3	Open Electives - Economics	4. Contemporary Indian Economy 5. Sustainable Development 6. Economics of Business Environment	OEC	3+0+0	60	40	100	3
<b>Sub- Total</b>								09
<b>Exit option with Certificate (48Credits)</b>								

## PROGRAM ARTICULATION MATRIX

Semester	Name of the course- Discipline Specific Core Course (DSCC)	What all program outcomes the course addresses (not exceeding three per course)	Pre-requisite course(s)	Pedagogy	Assessment
1	Basic Economics –I	<ol style="list-style-type: none"> <li>1. Basic economic concepts and terms.</li> <li>2. Operation of a market system;</li> <li>3. Production and cost relationships of a business firm;.</li> </ol>	Nil	Lecture	i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70 marks
1	Contemporary IndianEconomy	<ol style="list-style-type: none"> <li>i. Current problems of Indian Economy</li> <li>ii. Recent growth of the Indian economy</li> <li>iii. Impact of LPG policies on economic growth in India</li> </ol>	Nil	Lecture	i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70marks
2	Basic Economics –II	<ol style="list-style-type: none"> <li>1. Operation of the overall economic system;</li> <li>2. Calculate national income</li> <li>3. Relationship between macroeconomic aggregates;</li> </ol>	Nil	Lecture	i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70marks
2	Karnataka Economy	<ol style="list-style-type: none"> <li>1. Economic growth and problems of Karnataka state.</li> <li>2. Structural growth in Karnataka economy;</li> <li>3. Policies &amp; Programmes of Govt. of Karnataka</li> </ol>	Nil	Lecture	i) Internal Assessment for 30 marks comprising two written tests, assignment/seminar, and attendance; and ii) Written Semester-end Examination for 70marks

## ASSESSMENT METHODS

Type of Course	Formative Assessment / IA	Summative Assessment
Theory	40	60
Practical	-	-
Projects	30	70
Experiential Learning (Internships/Social Work Practicum etc.)	-	-

**COURSE WISE SYLLABUS****Micro Economics**

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

**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: Basics of 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:**

- 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**

<b>Chapter 3</b>		5
<b>The Households:</b> Diminishing Marginal Utility; Indifference curves – Meaning and Properties; budget constraint; Satisfaction Maximization; income and substitution effects; choice between leisure and consumption.		
<b>Practicum:</b> Conducting a consumer survey to understand their tastes and preferences		
<b>Unit -3: Production and Costs</b>		
<b>Chapter 4: The Firms:</b> 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	
<b>Chapter 5: Cost of Production:</b> Short run and long run costs; Returns to Scale.		3
<b>Practicum:</b>		
<ul style="list-style-type: none"> <li>➤ Analysing reasons for diminishing marginal returns</li> <li>➤ Examining the relationship between cost and output/ Deriving cost functions from output functions</li> </ul>		
<b>Unit -4: Pricing</b>		
<b>Chapter 6: The Markets:</b> 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	
<b>Chapter 7: The Inputs (Factors):</b> 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
<b>Practicum:</b>		
<ul style="list-style-type: none"> <li>➤ Conducting Market Survey to identify the nature and features of markets for different goods/services</li> <li>➤ Understanding distribution of national income as factor incomes</li> </ul>		
<b>Unit -5: Welfare Economics</b>		
<b>Chapter 8: Welfare Economics:</b> Meaning of Welfare; Pigou's Welfare Economics; Compensation principle; Impediments to attain Maximum Social Welfare; Externalities, Market Failure	6	
<b>Practicum:</b> Examining day to day externalities and proposing solutions to them		
<b>Unit -6: Economics in Action</b>		

<b>Chapter 9: Economic Theory and Policy:</b> Pricing Practices; Basics of Monetary and Fiscal Policies; Controls and Regulations; Incentives and Penalties; Labour policies	4
<b>Practicum:</b> 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

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

**Note: Strictly follow the Practicum**

<b>References</b>	
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	Koutsoyanis, 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): ಸೂರ್ಯ ಅರ್ಥಶಾಸ್ತ್ರ, Sapna Book House, Bengaluru
8	<a href="https://www.core-econ.org/the-economy/book/text/0-3-contents.html">https://www.core-econ.org/the-economy/book/text/0-3-contents.html</a>
9	Somashekhar Ne. Thi., ಸೂರ್ಯ ಅರ್ಥಶಾಸ್ತ್ರ, Sidhlingeshwara Prakashana, Kalburgi.

## Mathematics for Economics

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

**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

<b>Contents</b>	<b>42 Hrs</b>
<b>Unit-1: Preliminaries</b>	<b>12 Hrs</b>
<b>Chapter:1 - Introduction to Mathematical Economics:</b> Nature and scope of mathematical economics- Role of mathematics in economic theory	4
<b>Chapter:2 - Number system and Set theory:</b> Types of Numbers: Natural Number, Real number, integers, Irrational Number, Complex Number. Concepts of sets- meaning –types- union of sets – interaction of sets.	4
<b>Chapter:3 - Functions:</b> Meaning of function- Types of functions: Linear and Non-linear Functions; Quadratic, Polynomial, Logarithmic and Exponential functions-	4
<b>Unit -2: Economic Functions, their Application and Matrices</b>	<b>14 Hrs</b>
<b>Chapter 4 Economic Functions:</b> Demand Function, Supply function, Production function, Cost, Revenue and Profit function, Consumption function	4
<b>Chapter-5: Applications of Functions:</b> Graph of Economic Functions, Market equilibrium; Equilibrium price and Quantity, Impact of specific tax and subsidy on market equilibrium	5
<b>Chapter-6: Matrices:</b> Definition and Types of Matrices- Matrix Operations: Addition, Subtraction and Multiplication, Transpose of a Matrix, Determinants of Matrix- Cramer's Rule	5

<b>Unit -3: Differential Calculus and Its Applications</b>	<b>16 Hrs</b>
<b>Chapter 7- Limits:</b> Limits of functions, differentiation, rules of differentiation.	4
<b>Chapter 8 Derivatives of Economic functions:</b> Derivation of Marginal functions from total function-Marginal Production, Marginal cost, Marginal Revenue, Marginal Profit.	6
<b>Chapter 9 - Applications of Derivatives and Higher order derivatives:</b> Elasticity of Demand-Second order derivatives- Maxima and Minima of Economic function.	6

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

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

<b>References</b>	
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.

## Rural Economics

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

**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.

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

<b>Chapter:3 - Poverty and Unemployment in Rural India</b>  Meaning and Measurement of Poverty Causes of Poverty Farm and Non-farm employment Measurement and Types employment Review of Poverty Alleviation and Employment Generation Programmes in India.	5
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**Practicum:**

- Field visit to nearby village and study the poverty situation
- Field visit to village and study the employment pattern
- Undertake evaluation study on employment generation programmes and prepare an assignment.

<b>Unit -2:</b>  <b>Chapter 4- Rural Enterprises</b>  Meaning and Importance, Classification of MSME Progress and Problems of MSME Khadi and Village Industries	14 Hrs 5
<b>Chapter-5: Rural Banking and Finance</b>  Credit Co-operative Societies Regional Rural Banks Role of NABARD Microfinance Institutions	4
<b>Chapter-6: Rural Infrastructure</b>  Educational and Health Infrastructure Housing and Sanitation Drinking Water Supply Rural Transport and Communication Rural Electrification	5
<b>Practicum:</b>  <ul style="list-style-type: none"> <li>• Write an assignment on Rural infrastructure</li> <li>• Write a small report on Rural Industry</li> </ul>	

<b>Unit -3:</b>	14 Hrs
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<b>Chapter 7- Rural Development Programmes</b>	4
Wage Employment Programmes	
Self-employment and Entrepreneurship Development Programmes	
Rural Housing Programmes	
Rural Sanitation Programmes	
<b>Chapter 8 - Rural Markets</b>	5
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)	
<b>Chapter 9 - Rural Governance</b>	5
Legislations powers, Functions, and sources of revenue of Panchayat Raj Institutions	
Role of NGOs in rural development	
People's participation in rural development	
<b>Practicum:</b>	
<ul style="list-style-type: none"> <li>• Group Discussion on Rural Governance</li> <li>• Interview Gram Panchayat members and prepare brief note on their participation in rural development.</li> <li>• Undertake evaluation study on rural development programmes and prepare an assignment.</li> </ul>	

**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
<b>Total</b>	<b>40 Marks</b>	
<i>Formative Assessment as per NEP guidelines are compulsory</i>		

**Note: Strictly follow the Practicum**

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

## Economics of Insurance

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

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

CO1. Gain knowledge relating to the importance of the insurance in the life of human beings.

### **Contents**

**42 Hrs**

### **Unit-1: Introduction to Economics of Insurance**

#### **Chapter:1 - Fundamentals of Economics of insurance**

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

#### **Chapter:2 - The conceptual framework**

- Brief history of insurance
- Perils and risks in insurance, Classification of risks hazards
- How insurance works
- Classes of insurance and assumptions

#### **Chapter:3 - Type of Insurance**

- Risk pooling and risk transfer in insurance
- Social vs private insurance
- Life vs non-life insurance

### **Unit -2: Insurance Planning**

#### **Chapter 4- Types of Insurance Planning**

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

## **Chapter-5: Retirement Planning**

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

## **Chapter-6: General Insurance Structure**

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

## **Unit -3: personal insurance / Health Insurance**

### **Chapter 7- Essential of Life and Health Insurance**

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

### **Chapter 8 - Insurance Documentation**

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

### **Chapter 9 - Insurance Legislation**

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

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

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

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

## Economics of Human Development

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

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

CO1. Differentiate between Human Resource Development (HRD), Human Development (HD) and HRM

CO2. Understand the concepts of Human security, describe dimensions of human development, and appreciate various practices and policies of human development, HDI and India.

<b>Contents</b>	<b>42 Hrs</b>
<b>Unit–1: Introduction to Human Development</b>	<b>12 Hrs</b>
<p><b>Chapter 1:</b> Human Growth and Human Development - Basic Needs Approach - Quality of Life Approach - Capability Approach</p> <p><b>Chapter 2:</b> Human Resource Development (HRD), Human Resource Management (HRM).</p> <p><b>Chapter 3:</b> Human Development: meaning and definition, importance, and objectives.</p>	
<b>Unit -2: Human Security, SDGs and Approaches to Human Development.</b>	<b>12Hrs</b>
<p><b>Chapter 4:</b> Human Security: Economic security - Food security - Health security - Environmental security - Personal security - Community security - Political security.</p> <p><b>Chapter 5:</b> Sustainable Development Goals (SDGs): Understanding the SDGs - Linkages between human development and the SDGs.</p> <p><b>Chapter 6:</b> Indian Perspectives and Experience with Human Development: Approach to human development in national plans</p>	
<b>Unit -3: Dimensions and Measurement of Human Development</b>	<b>18 Hrs</b>
<p><b>Chapter 7:</b> 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 &amp; 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
<b>Total</b>	<b>40 Marks</b>	
<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 Gopakl, R: Human Resource Development: Conceptual analysis and Strategies, Sterling Publishing Pvt. Ltd., New Delhi
5	Naresh Gupta (2019), Human Development in India Emerald Publishers.
6	Nadler, Leonard (2004). Corporate Human Resource Development, Van Nostrand Reinhold, ASTD, New York

7	Padmanabhan Nair(2007) Human Development Index: An Introduction (Economy Series), ICFAI UNIVERSITY PRESS
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

<b>Websites:</b>	
1	<a href="https://www.undp.org/sustainable-development-goals?c_src=CENTRAL&amp;c_src2=GSR">https://www.undp.org/sustainable-development-goals?c_src=CENTRAL&amp;c_src2=GSR</a>
2	<a href="https://hdr.undp.org/en/2020-report">https://hdr.undp.org/en/2020-report</a>
3	<a href="https://www.un.org/millenniumgoals/">https://www.un.org/millenniumgoals/</a>
4	<a href="https://www.undp.org/india/publications/national-human-development-report-india">https://www.undp.org/india/publications/national-human-development-report-india</a>
5	<a href="https://www.sdfund.org/mdgs-sdgs">https://www.sdfund.org/mdgs-sdgs</a>

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

## Macroeconomics

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

**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

<b>Content of Theory</b>	<b>42 Hrs</b>
<b>Unit-1: Theory of National Income Determination</b>	<b>14 Hrs</b>
<b>Chapter:1 Classical Framework:</b>	<b>7</b>
<ol style="list-style-type: none"> <li>1. Typical Features of classical theory of employment; Assumptions</li> <li>2. Basis of Classical theory: <ul style="list-style-type: none"> <li>➤ Say's Law</li> <li>➤ Pigou's wage price flexibility</li> <li>➤ Fisher's Quantity theory of money</li> <li>➤ Knut Wicksell's loanable funds theory</li> <li>➤ Classical dichotomy and neutrality of money</li> </ul> </li> <li>3. Criticism of classical theory</li> </ol>	
<b>Chapter-2: The Keynesian Framework</b>	<b>7</b>
<ol style="list-style-type: none"> <li>1. Introductory: connecting growth of national income to development; why incomes of all fall or rise? Are income, output, and employment related?</li> <li>2. Some Basic concepts: The idea of equilibrium and identity; ex- ante and ex-post concepts.</li> <li>3. Aggregate Demand and its components <ol style="list-style-type: none"> <li>a. Consumption function: Algebraic and Graphical explanation; Marginal and Average propensity to consume</li> <li>b. Investment function; savings and investment relationship.</li> </ol> </li> </ol>	

4. Aggregate Supply: Meaning and graphical explanation; Effective demand 5. Determination of national income in Keynes' two sector economy with Aggregate Demand and Aggregate Supply with fixed prices: Analytical /Graphical and algebraic explanation; numerical problems 6. Determination of national income in Keynes' two sector economy with investment and savings with fixed prices: Analytical / Graphical and algebraic explanation; numerical problems	
<b>Unit -2: Aggregate Consumption and Investment</b>	<b>15Hrs</b>
<b>Chapter-3: Theories of Determinants of Consumption:</b> 1. Keynesian Psychological Law of consumption; determinants 2. Permanent Income hypothesis of Milton Friedman	5
<b>Chapter-4: Investment:</b> 1. Types of investment 2. Determinants of investment: a. rate of interest b. marginal efficiency of capital: meaning and determinants;	5
<b>Chapter-5: Concepts of Multiplier and Accelerator</b> 1. Investment Multiplier: Meaning and assumptions. 2. multiplier; leakages;	5
<b>Unit -3: Monetary Economics</b>	<b>13 Hrs</b>
<b>Chapter-6: Money Supply:</b> 1. Concept of Money Supply; recent measures of money supply as suggested by RBI 2. Determinants of money supply: a. high powered money b. money multiplier 3. The reserve ratio and deposit multiplier	5

<b>Chapter-7: Money demand:</b> 1. Cash transactions approach (only meaning) and 2. Cambridge approach (Only Marshall's equation) 3. The liquidity preference approach of Keynes	4
<b>Chapter-8: Inflation and Unemployment:</b> 1. Phillips Curve 2. Wage cut theory and employment	4

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

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

<b>References</b>	
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., ಸಮುದ್ರ ಅರ್ಥಶಾಸ್ತ್ರ, Siddalingeshwara prakashana, Kalburgi.
9	H. R. Krishnaiah Gowda ಸಮುದ್ರ ಅರ್ಥಶಾಸ್ತ್ರ, Mysore book house prakashna, Mysore.

## **Fourth Semester**

### **Statistics for Economics**

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

**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

<b>Content of Theory</b>	<b>42 Hrs</b>
<b>Unit-1: Preliminaries</b>	<b>12 Hrs</b>
<b>Chapter-1</b> 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
<b>Chapter-2:</b> 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
<b>Chapter-3:</b> 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
<b>Unit -2: Measures of Central Tendency and Dispersion</b>	<b>14 Hrs</b>
<b>Chapter-4: Arithmetic Average:</b> Definition of Central Tendency, Types of Central Tendency: Arithmetic Mean: Meaning and Properties of Arithmetic Mean – Computation of Arithmetic Mean	5
<b>Chapter-5: Positional Averages-Median and Mode:</b> Definition and importance of Median- Calculation of Median- Definition and importance of Mode - Calculation of Mode.	4

<b>Chapter-6: Dispersion:</b> Meaning of Dispersion- Measures of Dispersion- Range- Quartile deviation- mean deviation - Standard deviation - Coefficient of Variation and Their Computation	5
<b>Unit -3: Correlation, Regression and Time Series Analysis</b>	<b>16 Hrs</b>
<b>Chapter-7: Correlation:</b> Meaning of Correlation - Types of correlation - Methods of measuring Correlation- Karl Pearson's correlation coefficients	5
<b>Chapter-8: Regression:</b> Meaning and Importance of Regression - Regression Equation - Estimation of regression equation - Applications of regression equation in Economics	6
<b>Chapter-9: Time Series Analysis:</b> Definition of Time Series – Components of Time Series – Estimation and Forecasting of Trend	5

**Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

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

<b>References</b>	
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

## Karnataka Economy

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

<b>Course Outcomes (COs):</b> 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	
<b>Contents</b>	<b>42 Hrs</b>
<b>Unit-1: Karnataka Economy – An overview</b>	<b>12 Hrs</b>
<b>Chapter:1 Characteristics of Karnataka Economy</b> <ul style="list-style-type: none"> <li>○ Features of Karnataka Economy</li> <li>○ Trends and sectoral distribution of State Domestic Product and Per Capita Income</li> <li>○ Measures to redress regional imbalances – Dr. Nanjundappa Committee Report, Article 371J</li> </ul>	5
<b>Chapter-2: Human Resources</b> <ul style="list-style-type: none"> <li>○ Human Resources: importance, Size and Health indicators</li> <li>○ Human Development Index</li> <li>○ Poverty and Unemployment– Eradication Programmes</li> </ul>	4
<b>Chapter-3: Natural Resources Management</b> <ul style="list-style-type: none"> <li>○ Natural Resources: Importance and volume of different natural resources</li> <li>○ Karnataka Environmental Policy</li> </ul>	3
<b>Practicum:</b> conduct field visit to Forest/Reservoir/Mining and prepare the report	
<b>Unit -2: Agriculture, Rural development, and Industries in Karnataka</b>	<b>18 Hrs</b>
<b>Chapter-4: Agriculture</b> <ul style="list-style-type: none"> <li>○ Problems in Agriculture</li> <li>○ Land Reforms</li> </ul>	7

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

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
<b>Total</b>	<b>40 Marks</b>	
<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 ಆರ್ಥಿಕ ವರ್ಣನೆ, Siddalingeshwara publications, Kalburgi.
10	Nanjundappa D.M. Some Aspects of Karnataka Economy.
11	Puttaswamiah K. Karnataka Economy, Two Volume

## Entrepreneurial Economics

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

**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.

<b>Contents</b>	<b>42 Hrs</b>
<b>Unit-1: Entrepreneur and Entrepreneurship</b>	<b>12 Hrs</b>
<p><b>Chapter 1:</b> Entrepreneur and Entrepreneurship – Meaning, Definitions, Evolution, types- Characteristics, qualities, functions of entrepreneur- Distinction between entrepreneur and manger, Distinction between entrepreneur and intrapreneur,</p> <p><b>Chapter 2:</b> Role and importance of Entrepreneurship in economic development: Role and importance- Factors influencing entrepreneurship'- Psychological, social, Economic and Environmental.</p> <p><b>Chapter 3:</b> New generations of entrepreneurship viz. social, Health, Tourism and Women entrepreneurship; Barriers to entrepreneurship.</p>	
<b>Unit -2: Launching Entrepreneurial Ventures</b>	<b>18 Hrs</b>
<p><b>Chapter 4:</b> Generation of ideas: Methods and process - sources of ideas - screening process- Assessing Opportunities-Challenges, pitfalls and critical factors of new venture;</p> <p><b>Chapter 5:</b> 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><b>Chapter 6:</b> Role of Innovation &amp; Creativity: Innovation- Meaning and importance of innovation; Types of innovation; Sources of innovation; Conditions for effective innovation at Organization level;</p> <p><b>Chapter 7:</b> 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>	

<b>Unit -3: Business and Entrepreneurial development</b>	<b>12 Hrs</b>
<p><b>Chapter 8:</b> Entrepreneur Assistance: Assistance to an entrepreneur-Industrial Park (Meaning, features, &amp; examples)-Special Economic Zone (Meaning, features &amp; 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><b>Chapter 9:</b> 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

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

<b>References</b>	
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.

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 –A handbook

## Economics and Law

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

**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	<b>42 Hrs</b>
<b>Unit-1: Economic analysis of law</b>	<b>14 Hrs</b>
<b>Chapter 1: Introduction to legal reasoning</b> <ul style="list-style-type: none"> <li>• Efficiency.</li> <li>• Markets and efficiency.</li> <li>• Market failure.</li> <li>• Coase theorem and related ideas,</li> </ul>	5
<b>Chapter 2: welfare economics</b> <ul style="list-style-type: none"> <li>• Compensation principles.</li> <li>• Social welfare function.</li> <li>• Maximization problem;</li> </ul>	4

<b>Chapter 3: Economic Reasoning</b> • Nature of economic reasoning. • Economic approach to law • History • Criticism.	5
<b>Practicum:</b> 1. Group Discussions on Economic reasoning 2. Assignment on Coase theorem and related issues	
<b>Unit -2: An Introduction to Law and Legal Institutions</b>	<b>12 Hrs</b>
<b>Chapter 4: Law</b> • Definition • Territorial Nature of Law • Kinds of Law • General Law and Special Law • Kinds of Special Law	4
<b>Chapter 5: Civil law and the and the Common Law Traditions</b> • The institutions of the federal and State Court systems; • The nature of legal dispute, • How legal rules evolve.	4
<b>Practicum:</b> 1. Group Discussions on Civil law and the and the Common Law Traditions 2. Assignment on the different kinds of Law	
<b>Unit -3: Economic Laws</b>	<b>16 Hrs</b>
<b>Chapter 6: Law Relating to Consumer Activities</b> • Bargaining theory. • Economic theory of contract. • Defining tort law, • Economics of tort liability. • Definition of Consumer • Consumer protection; The Consumer Protection Act, 2019 • Consumer courts.	5

<b>Chapter 7: Law of Business Organizations</b>	5
<ul style="list-style-type: none"> <li>• Structure of firm — Kinds, Corporations,</li> <li>• Capital, Shares, Debentures, Insiders' trading,</li> <li>• RBI, IRDA, MRTP, Role of SEBI,</li> </ul>	
<b>Chapter 8: Macroeconomics and Law</b>	
<ul style="list-style-type: none"> <li>• Inequality; Contract theory of Distributive justice</li> <li>• Economic and social costs of poverty</li> <li>• Wealth distribution by Liability Rules</li> <li>• Taxation and efficiency</li> <li>• National and global environmental problems and international environmental agreements — their legal and economic implications</li> </ul>	6

### **Practicum**

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

### **Pedagogy:** Classroom lecture, tutorials, Problem solving exercise

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

**Note: Strictly follow the Practicum**

<b>References</b>	
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

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

**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	<b>42 Hrs</b>
<b>Unit-1: Introduction to Economics of GST</b>	<b>14 Hrs</b>
<b>Chapter 1: Indirect taxes before GST</b> <ul style="list-style-type: none"> <li>• Indirect Taxes-Meaning, Types with examples</li> <li>• Constitutional framework of Indirect Taxes before GST (Taxation Powers of Union &amp; State Government)</li> <li>• Concept of VAT: Meaning, Variants and Methods;</li> </ul>	5
<b>Chapter 2: Reforms in Indirect Taxes</b> <ul style="list-style-type: none"> <li>• Major Defects in the structure of Indirect Taxes prior to GST; Need for Tax reforms</li> <li>• Kelkar committee on Tax Reforms</li> </ul>	4
<b>Chapter 3: Introduction to GST</b> <ul style="list-style-type: none"> <li>• Rationale for GST;</li> <li>• Constitution [101st Amendment] Act, 2016;</li> <li>• GST- Meaning, Overview of GST</li> <li>• Taxes subsumed under GST</li> <li>• Territorial Jurisdiction of GST</li> <li>• Multiple rates of GST</li> <li>• Recent reforms in GST</li> </ul>	5

<b>Practicum:</b>	
1. Group Discussions on Indirect Taxes defects prior to GST	
2. Assignment on Types of Indirect Taxes prior to GST and After introduction of GST	
<b>Unit – 2 Fundamentals of GST</b>	<b>12 Hrs</b>
<b>Chapter 4: GST Structure in India,</b>	4
<ul style="list-style-type: none"> <li>• GST: Advantages and Disadvantages</li> <li>• One Nation-One Tax,</li> <li>• Structure of GST;</li> <li>• Features of Single and Dual GST Model</li> </ul>	
<b>Chapter 5: Dual GST Mode and GST Council</b>	4
<ul style="list-style-type: none"> <li>• Dual GST Mode in India: 1 SGST, CGST, UTGST &amp; IGST);</li> <li>• Goods and Services Tax Network [GSTN],</li> <li>• GST Council; Creation, Members, Decisions, Compensation to states.</li> <li>• GST Network,</li> <li>• Registration,</li> </ul>	
<b>Practicum:</b>	4
<ol style="list-style-type: none"> <li>1. Group Discussions on advantages and disadvantages of GST</li> <li>2. Hold the moot of GST Council in the class room and decide the different slabs of GST</li> </ol>	
<b>Unit -3: Taxes and Duties</b>	<b>16 Hrs</b>
<b>Chapter 6: Transactions and taxes covered and not covered</b>	4
<ul style="list-style-type: none"> <li>• Transactions and taxes covered under GST</li> <li>• Taxes and duties outside the purview of GST</li> <li>• Tax structure Computation</li> <li>• Administration of Tax on items containing alcohol, petroleum products, tobacco products</li> <li>• Taxation on services</li> </ul>	

<p><b>Chapter 7: Levy and Collection of Tax</b></p> <ul style="list-style-type: none"> <li>• Taxable event- “Supply” of Goods and Services</li> <li>• Place of Supply: Within state, Interstate Levy and Collection</li> <li>• Import and Export; Time of supply</li> <li>• Valuation for GST- Valuation rules,</li> <li>• Taxability of reimbursement of expenses;</li> <li>• Exemption from GST: Small supplies and Composition Scheme Classification of Goods and Services: Composite and Mixed Supplies.</li> </ul>	6
<p><b>Chapter 8: Input Tax Credit</b></p> <ul style="list-style-type: none"> <li>• Eligible and Ineligible Input Tax Credit</li> <li>• Apportionments of Credit and Blocked Credits</li> <li>• Tax Credit in respect of Capital Goods</li> <li>• Recovery of Excess Tax Credit</li> <li>• Availability of Tax Credit in special circumstances</li> <li>• Transfer of Input Credit (Input Service Distribution)</li> <li>• Payment of Taxes; Refund; Doctrine of unjust enrichment</li> </ul>	6
<p><b>Practicum</b></p> <ol style="list-style-type: none"> <li>1. Simple illustrations on calculation of GST and Input Tax Credit,</li> <li>2. Valuation of Supply (Numerical on valuation and calculation of tax)</li> <li>3. Simple calculation Adjustment of Input tax credit against output CGST, SGST, IGST.</li> </ol>	

**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
<b>Total</b>		<b>40 Marks</b>
<b><i>Formative Assessment as per NEP guidelines are compulsory</i></b>		

**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	<b>2 Hours</b>	Max Marks	<b>60 Marks</b>
Instruction:	<b>Answer all the sections</b>		

### **Section-A**

1. Answer <b>Ten</b> the following sub-questions, each sub-question carries <b>ONE</b> mark	(10X1=10)
A.	
B.	
C.	
D.	
.	
.	
L	

***Note for Section-A:*** Three sub-questions from each unit and remaining one sub-question (K & L) from unit I to III.

### **Section-B**

Answer any <b>FOUR</b> of the following questions, each question carries <b>FIVE</b> marks	(4X5=20)
2.	
3.	
4.	
5.	
6.	
7.	

***Note for Section-B:*** Minimum Two question from each unit (Q No 2 to 6)

### **Section-C**

Answer any <b>THREE</b> of the following questions, each question carries <b>TEN</b> marks	(3X10=30)
8.	
9.	
10.	
11.	
12.	

***Note for Section-C:*** Minimum Two question from each unit (Q No 8 to 12) Sub-questions such as 'a' and 'b' may be given for a question in section-C only.



## **RANI CHANNAMMA UNIVERSITY, BELAGAVI**

### **DEPARTMENT OF STUDIES IN ECONOMICS**

#### **PROGRAM /COURSE STRUCTURE AND SYLLABUS**

As per the Choice Based Credit System (CBCS) designed in accordance with Learning Outcomes-Based Curriculum Framework (LOCF) of National Education Policy (NEP) 2020

For

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

**w.e.f.**

**Academic Year 2023-24 and onwards**

**Program Structure for Four Year under Graduate Program and Master Program in  
Economics (B.A Basic/B.A (Hons.))**

<b>Semester</b>	<b>Paper Code</b>	<b>Title of the Paper</b>	<b>Credits</b>
V Semester	DSC-9	Public Economics	4
	DSC-10	Development Economics	4
	DSC-11	Indian Banking & Finance	4
		<b>Total Credits</b>	<b>12</b>
VI Semester	DSC-12	International Economics	4
	DSC-13	Indian Public Economics	4
	DSC-14	Environmental Economics	4
		<b>Total Credits</b>	<b>12</b>

## Pedagogy

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

**Note: Strictly follow the Practicum**

## Pedagogy; Evaluation process IA MARKS

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

**5<sup>th</sup> Semester**

## Public Economics

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

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

- CO1. Understand introductory Public Finance concepts.
- CO2. Study the causes of market failure and corrective actions
- CO3. Understand the impact, incidence and shifting of tax
- CO4. Study the Economic Effects of tax on production, distribution and other effects
- CO5. Enable the students to know the Principles and Effects of Public Expenditure
- CO6. Understand the Economic and functional classification of the budget; Balanced and Unbalanced budget
- CO7. Understand the Burden of Public debt and know the Classical/ Ricardian views, Keynesian and post-Keynesian views
- CO8. To acquaint with the advantages and disadvantages of Deficit Financing,

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>60 Hours</b>
<b>Module I</b>	<b>Introduction to Public Economics</b>	<b>15</b>
	Public Economics: Meaning, definitions, Scope and Significance, Public Finance and Private Finance: Meaning, and Distinction; Public good and private good: Meaning, Characteristics, and Distinction, Principle of Maximum Social Advantage, Market Failures: Meaning, causes-role of externalities; Market failure and role of government; Corrective actions.	
<b>Practicum</b>	Group Discussions on Public Finance and private finance; public good and private good Assignment on Market failure and government intervention	
<b>Module II</b>	<b>Public Revenue and Public Expenditure</b>	<b>18</b>
	Meaning and sources of revenue; Taxation –Cannons of taxation, Characteristics of a sound tax system, Impact, Incidence- Division of Tax burden, Shifting of tax, Economic Effects of tax on production, distribution and other effects, Progressive and Regressive, Proportional Tax, Direct and Indirect Taxes –Merits and Demerits, Taxable Capacity: Meaning and determinants. Public Expenditure; Meaning, classification, principles, Types & Cannons, Reasons for the growth of public expenditure, Wagner’s	

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

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

## Development Economics

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

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

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

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

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

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

### Indian Banking and Finance

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

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

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

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

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

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

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

**6<sup>th</sup> Semester**

### International Economics

Program Name	<b>BA in Economics</b>	Semester	<b>Sixth Semester</b>
Course Title	<b>International Economics</b>		
Course Code:	<b>ECO C12</b>	No. of Credits	<b>4</b>
Contact hours	<b>60 Hours</b>	Duration of SEA/Exam	<b>2 Hours</b>
Formative Assessment Marks	<b>40</b>	Summative Assessment Marks	<b>60</b>

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

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

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

<b>Module IV</b>	<b>International Finance and Trade Institutions</b>	<b>15</b>
	Bretton Woods Institutions: IMF and IBRD -IDA and IFC: Organization, Objectives, Functions and their role in developing countries; Evolution of WTO: GATT – principles and objectives; WTO: Organization, Objectives, Functions, Agreements and current issues; WTO and developing countries;	
<b>Practicum:</b>	<b>Group Discussion:</b> Effectiveness of IMF and IBRD in developing countries <b>Seminar:</b> Agreements of WTO or current issues of WTO	
<b>References</b>		
1	Sodersten. B. (1993): International Economics, MacMillan, 3 Edition, London,	
2	Salvatore, D. (2016): International Economics, 12 Edition, Wiley Publication	
3	Vaish, M. C. and Sudama Singh (1980): International Economics, 3 Edition, Oxford and IBH Publication, New Delhi.	
4	Carbaugh, R. J. (1999): International Economics, International Thompson Publishing, New York	
5	Dana, M. S. (2000): International Economics: Study Guide and work Book, 5. Edition, Routledge Publishers, London.	
6	Kenen, P. B. (1994). The International Economy, Cambridge University Press, London.	
7	Krugman, P.R. and M. Obstfeld (1994): International Economics: Theory and Policy Addison-Wesley Publications.	
8	Jackson, JD. (1998) The World Trading System, Cambridge University Press, Mass. Cherunilam, International Economics, TMH, New Delhi.	
9	D M Mithani, International Economics, Himalaya, Mumbai.	
10	Jhingan M.L.(2016): International Economics, Vrinda Publications Pvt Ltd-Delhi	
11	Dwivedi D.N. (2013): International Economics Theory & Policy, Vikas Publishing House Pv.t Ltd.	
12	K.C. Rana & K.N. Verma (2017): International Economics; Vishal Publishing Co.	
13	Krishnamurthy H.R (2013) : Antararashtreeya Arthashastra ; (Kannada version), Sapna, Bengaluru	

### Indian Public Finance

Program Name	<b>BA in Economics</b>		Semester	<b>Sixth Semester</b>
Course Title	<b>Indian Public Finance</b>			
Course Code:	<b>ECO C13</b>		No. of Credits	<b>4</b>
Contact hours	<b>60 Hours</b>		Duration of SEA/Exam	<b>2 Hours</b>
Formative Assessment Marks	<b>40</b>	Summative Assessment Marks	<b>60</b>	

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

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

MODULES	DESCRIPTION	60 Hours
<b>Module I</b>	<b>Public Revenue</b>	<b>18</b>
	<b>Direct Tax Revenue</b> - Sources of Revenue-Tax and Non-Tax Revenue; Trends and Patterns of Tax Revenue in India; Direct and Indirect Taxes in India; Personal Income Tax Rates and Slabs; Corporate Tax- Tax Rate and Slabs; <b>Indirect Tax Revenue</b> - Indirect Taxes – Earlier Taxes-VAT and MODVAT; Goods and Services Tax (GST)- Objectives and Classification of GST, Tax Rates of GST; Trends and Patterns of GST; Impact of GST on Indian Economy; Tax Reform Commissions.	
<b>Practicum</b>	Collection and analysis of data on Direct tax Collection and analysis of GST from businesses	
<b>Module II</b>	<b>Public Expenditure</b>	<b>15</b>
	<b>Revenue Expenditure</b> - Classification of Public Expenditure in India; Revenue Account Expenditure- Trends and Patterns; Capital Account Expenditure-Trends and Patterns; Fiscal Responsibility and Budget Management (FRBM) Act; Impact of Public Expenditure on Indian Economy; Expenditure Reforms Commission (ERC) in India; <b>Union Budget and Its Analysis</b> - Meaning and Classification of Budgets; Zero-Based Budget; Composition of Union Budget; Union Budget Analysis (current one); Different Concept of Deficits- Revenue, Fiscal, Primary Deficits	
<b>Practicum</b>	Analysis of Union Budget (Current one) Group Discussion on Budget Deficits	

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

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

## Environmental Economics

Program Name	<b>BA in Economics</b>	Semester	<b>Sixth Semester</b>
Course Title	<b>Environmental Economics</b>		
Course Code:	<b>ECO C14</b>	No. of Credits	<b>4</b>
Contact hours	<b>60 Hours</b>	Duration of SEA/Exam	<b>2 Hours</b>
Formative Assessment Marks	<b>40</b>	Summative Assessment Marks	<b>60</b>

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

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

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>60 Hours</b>
<b>Module I</b>	<b>Environment and Ecology</b>	<b>15</b>
	Meaning, Nature and Scope of Economics of Environment; Linkages between Environment and the Economy; Environmental Kuznets curve; Environmental Stress; Population and Environment; Poverty and Environment; Meaning and elements of ecology; Biotic and Abiotic components; Food, Hydrological and Carbon Cycles; Material Balanced Principle (Entropy law); Meaning and strategies to achieve Sustainable Development; Rio Summit; Green Accounting Introduction to SDGs.	
<b>Practicum:</b>	Making charts relating to SDGs or Assignments on environment-economy linkages at the local level.	
<b>Module II</b>	<b>Natural Resources Scarcity and Conservation</b>	<b>15</b>
	Meaning and Characteristics of Renewable and Non-renewable resources; Non-Renewable Resources and the problem of depletion and problem of overuse ; Resource Scarcity and Economic Growth (Limits to Growth Model); Energy and Economic Development; Energy resources and their Pricing; Alternative energy sources; Conservation of Natural Resources- 3Rs – Reduce, Reuse and Recycling Measures	
<b>Practicum:</b>	Identifying local resources; Project on resource conservation (esp. water) at the College level; Discussion on Limits to Growth	

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

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

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# Question Paper Pattern for UG Semester

## DSC, DSEC &OEC

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

### **Section-A**

1. Answer <b>ALL</b> the following sub-questions, each sub-question carries <b>ONE</b> mark	(10X1=10)
A.	
B.	
C.	
D.	
.	
J.	

**Note for Section-A:** Three sub-questions from each unit and remaining one sub-question (J) from unit I to III.

### **Section-B**

Answer any <b>FOUR</b> of the following questions, each question carries <b>FIVE</b> marks	(4X5=20)
2.	
3.	
4.	
5.	
6.	
7.	

**Note for Section-B:** Minimum Two question from each unit (Q No 2 to 6)

### **Section-C**

Answer any <b>THREE</b> of the following questions, each question carries <b>TEN</b> marks	(3X10=30)
8.	
9.	
10.	
11.	
12.	

**Note for Section-C:** Minimum Two question from each unit (Q No 8 to 12) Sub-questions such as 'a' and 'b' may be given for a question in section-C only.