



**Tumkur University**  
**Tumakuru**

**Department of Economics**

**Four Years B.A. (Honours) / Integrated M.A. Programme in Economics**

**As per**

**National Education Policy (NEP) - 2020**

**(Effective from the Academic Year: 2021-22)**

**5<sup>rd</sup> & 6<sup>th</sup> Semester**  
**Syllabus**

## B.A. PROGRAMME

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

<b>Semester – I</b>								
Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C1 DSC – 1.1	Basic Economics – I	DSC - 1	3 + 0 + 0	60	40	100	3
2	Economics-C2 DSC – 1.2	Contemporary Indian Economy	DSC - 2	3 + 0 + 0	60	40	100	3
3	Open Elective – 1 OEC – 1.1	<b>(Choose any One)</b> 1. Fundamentals of Economics 2. Development Studies 3. Pre-reforms Indian Economy 4. Kautilya’s Arthashastra	OEC-1	3 + 0 + 0	60	40	100	3
<b>Sub- Total</b>								<b>09</b>

<b>Semester - II</b>								
Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C3 DSC – 2.1	Basic Economics – II	DSC - 3	3 + 0 + 0	60	40	100	3
2	Economics-C4 DSC – 2.2	Karnataka Economy	DSC - 4	3 + 0 + 0	60	40	100	3
3	Open Elective – 2 OEC – 2.1	<b>(Choose any One)</b> 1. Contemporary Indian Economy 2. Financial Economics 3. Economics of Business Environment 4. Sustainable Development	OEC - 2	3 + 0 + 0	60	40	100	3
<b>Sub- Total</b>								<b>09</b>
<b>Exit option with Certificate (48 Credits)</b>								

### Semester - III

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C5 DSC – 3.1	Microeconomics	DSC- 5	3 + 0 + 0	60	40	100	3
2	Economics-C6 DSC – 3.2	Agricultural Economics	DSC 6	3 + 0 + 0	60	40	100	3
<b>Sub- Total</b>								<b>06</b>

### Semester - IV

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C7 DSC – 4.1	Macroeconomics	DSC - 7	3 + 0 + 0	60	40	100	3
2	Economics-C8 DSC – 4.2	Monetary Economics	DSC - 8	3 + 0 + 0	60	40	100	3
<b>Open Elective (Choose any One) Either in III<sup>rd</sup> Semester or in IV<sup>th</sup> Semester</b>								
3	Open Elective – 3 or 4	1. Indian Public Finance (OE - 3.1/ 4.1) 2. Economics of GST (OE–3.2/ 4.2) 3. Entrepreneurial Economics (OE – 3.3 / 4.3) 4. Karnataka Economy (OE–3.4 / 4.4)	OEC -3/ 4	3 + 0 + 0	60	40	100	3
<b>Sub- Total</b>								<b>09</b>
<b>Exit option with Diploma (96 Credits)</b>								

### Semester - V

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C9 DSC – 5.1	Public Economics	DSC- 09	4 + 0 + 0	60	40	100	4
2	Economics-C10 DSC – 5.2	Development Economics	DSC - 10	4 + 0 + 0	60	40	100	4
3	Economics-C12 DSC – 5.3	Indian Banking and Finance	DSC - 11	4 + 0 + 0	60	40	100	4
<b>Sub- Total</b>								<b>12</b>

### Semester - VI

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C13 DSC – 6.1	International Economics	DSC- 12	4 + 0 + 0	60	40	100	4
2	Economics-C14 DSC – 6.2	Indian Public Finance	DSC - 13	4 + 0 + 0	60	40	100	4
3	Economics-C16 DSC – 6.3	Environmental Economics	DSC - 14	4 + 0 + 0	60	40	100	4
<b>Sub- Total</b>								<b>12</b>
	<b>SEC</b>	Internship	<b>SEC</b>		60	40	100	<b>3</b>

**Exit option with Bachelor of Arts, B.A., Basic Degree (136 Credits)**

### Semester - VII

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C13	Advanced Micro Economics	DSC- 13	4 + 0 + 0	60	40	100	4
2	Economics-C14	Financial Economics	DSC - 14	4 + 0 + 0	60	40	100	4
3	Economics-C15	Econometrics	DSC - 15	3 + 0 + 0	60	40	100	3
4	Discipline Specific Elective – 3	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Economics of Cooperation <b>Stream - 2</b> Urban Economics <b>Stream - 3</b> Population Studies	DSE - 3	3 + 0 + 0	60	40	100	3
5	Discipline Specific Elective – 4	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Economics of Non-farm Sector <b>Stream - 2</b> Economics of Infrastructure <b>Stream - 3</b> Economics of Health & Education	DSE - 4	3 + 0 + 0	60	40	100	3
6	B.A. 7.6	Research Methodology for Economics	DSC - 1	2 + 1 + 0				3
<b>Sub- Total</b>								<b>20</b>

### Semester - VIII

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C16	Economics & Data Analytics	DSC - 16	4 + 0 + 0	60	40	100	4
2	Economics-C17	Behavioural Economics	DSC - 17	4 + 0 + 0	60	40	100	4
3	Economics-C18	Environmental Economics	DSC - 18	3 + 0 + 0	60	40	100	3
4	Discipline Specific Elective – 5	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Gender Economics <b>Stream - 2</b> Institutional Economics <b>Stream - 3</b> Economics for Business Strategies	DSE - 5	3 + 0 + 0	60	40	100	3
5	B.A. 8.5	Research Project						6
<b>Sub- Total</b>								<b>20</b>
<b>Grand Total ( I to VIII)</b>								<b>176</b>

**Award of Bachelor of Arts Honours, B.A. (Hons.) Degree in Economics (176 credits)**

**Semester - IX**

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C19	Economic Policy Analysis	DSC- 19	4 + 0 + 0	60	40	100	4
2	Economics-C20	Experimental Economics	DSC - 20	4 + 0 + 0	60	40	100	4
3	Economics-C21	Computer Applications in Economics	DSC - 21	3 + 0 + 0	60	40	100	3
4	Discipline Specific Elective – 6	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Economics and Law <b>Stream - 2</b> Global Economic Environment <b>Stream - 3</b> Managerial Economics	DSE - 6	3 + 0 + 0	60	40	100	3
5	B.A. 9.5	Internship						6
<b>Sub- Total</b>								<b>20</b>

**Semester - X**

Sl No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	Economics-C22	Game Theory & its Applications in Economics	DSC - 22	4 + 0 + 0	60	40	100	4
2	Economics-C23	Economics of Corporate Finance	DSC - 23	4 + 0 + 0	60	40	100	4
3	Economics-C24	International Finance	DSC - 24	3 + 0 + 0	60	40	100	3
4	Discipline Specific Elective – 7	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Economics of Financial Statement Analysis <b>Stream - 2</b> Stock Market Analysis <b>Stream - 3</b> Economics of Information Communication Technology	DSE - 7	3 + 0 + 0	60	40	100	3
5	B.A. 10.5	Research Project						6
<b>OR</b>								
5	Economics-C25	Applied Econometrics	DSC - 25	3 + 0 + 0	70	30	100	3
6	Economics-C26	Economics of Governance	DSC - 26	3 + 0 + 0	70	30	100	3
<b>Sub- Total</b>								<b>20</b>
<b>Grand Total ( I to X)</b>								<b>216</b>

**Award of Master of Arts in Economics (216 credits)**

## Pedagogy

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

Note: Strictly follow the Practicum

### Pedagogy; Evaluation process, IA MARKS

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

## Semester – V

Course Title	<b>Public Economics</b>		
Course Code	<b>DSC 5.1</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:

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

<b>Content of Public Economics</b>	<b>60 Hours</b>
<b>Module - I :Introduction to Public Economics</b>	<b>16</b>
<ul style="list-style-type: none"> <li>• Public Economics: Meaning, definitions, Scope and Significance,</li> <li>• Public Finance and Private Finance: Meaning, and Distinction;</li> <li>• Public good and private good: Meaning, Characteristics, and Distinction,</li> <li>• Principle of Maximum Social Advantage,</li> <li>• Market Failures: Meaning, causes-role of externalities; Market failure and role of government; Corrective actions.</li> </ul> <p><b>Practicum: 1.</b> Group Discussions on Public Finance and private finance;  <b>2.</b> public good and private good Assignment on Market failure and government intervention</p>	
<b>Module - II: Public Revenue and Public Expenditure</b>	<b>20</b>
<ul style="list-style-type: none"> <li>• Meaning and sources of revenue;</li> <li>• Taxation –Cannons of taxation, Characteristics of a sound tax system,</li> <li>• Impact, Incidence- Division of Tax burden, Shifting of tax,</li> <li>• Economic Effects of tax on production, distribution and other effects,</li> <li>• Progressive and Regressive, Proportional Tax,</li> <li>• Direct and Indirect Taxes –Merits and Demerits,</li> <li>• Taxable Capacity: Meaning and determinants.</li> <li>• Public Expenditure; Meaning, classification, principles, Types &amp; Cannons, Reasons for the growth of public expenditure,</li> <li>• Wagner’s law of increasing state activities, Peacock-Wiseman hypotheses, Effects of public expenditure: Production, Distribution &amp; Other effects.</li> </ul> <p><b>Practicum: 1.</b> Mini-project/study to ascertain the impact of GST on retailers/wholesalers in your vicinity  <b>2.</b> A case study on the taxable capacity of the different sections of society in the vicinity Assignment on Effects of public expenditure: Production, Distribution &amp; Other Effects</p>	



<b>Module -III: Public Debt</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Public Debt: Meaning, Purpose, Types &amp; Effects;</li> <li>• Sources of Public Borrowing</li> <li>• Burden of Public Debt -Classical/ Ricardian views, Keynesian and post-Keynesian views</li> <li>• Intergenerational equity of public debt; Causes of the Rise in Public Debt;</li> <li>• Methods of debt redemption; Debt management.</li> </ul> <p><b>Practicum:</b> Studying the burden of public debt through a project/ case study Assignment on Debt Management</p>	
<b>Module –IV: Public Budget, Fiscal Policy and Fiscal Deficit</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Budget: Meaning, process &amp; Types of budget,</li> <li>• Economic and functional classification of the budget; Balanced and unbalanced budget,</li> <li>• Types of Budget Deficits;</li> <li>• Fiscal Policy: Meaning, objectives &amp; Tools;</li> <li>• Fiscal deficit: Meaning, Computation, Deficit Financing: Meaning, Advantages and Disadvantages.</li> </ul> <p><b>Practicum:</b> 1. Calculation of various types of budget deficit using the budget data 2. Group discussion on the advantages and disadvantages of deficit financing</p>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>• Bhatia H L (2018): Public Finance. Vikas Publishing House.</li> <li>• Hindriks J. and G. Myles (2006): Intermediate Public Economics, MIT Press.</li> <li>• Lekhi R.K., Joginder Singh (2018) Public Finance, Kalyani publication, New Delhi</li> <li>• Musgrave R.A. and P.B. Musgrave (1989), Public Finance in Theory and Practice, McGraw Hill,</li> <li>• Musgrave, R.A. (1989), The Theory of Public Finance, McGraw Hill</li> <li>• Tyagi B.P. (2014) Public Finance published by Jaya Prakash Nath and CO, Meerut</li> </ul>	

## Semester – V

Course Title	<b>Development Economics</b>		
Course Code	<b>DSC 5.2</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:

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

<b>Content of Development Economics</b>	<b>60 Hours</b>
<b>Module I – Introduction to Economic Development</b>	<b>16</b>
<ul style="list-style-type: none"> <li>• Concept - Definitions - Distinction between Economic Growth and Development</li> <li>• Indicators of Growth and Development,</li> <li>• Measures of Economic Development: Gross National Product (GNP) - Physical Quality of Life Index (PQLI), Human Development Index (HDI), Happiness Index,</li> <li>• Inequality and Poverty: Meaning, causes, indicators – Gini Coefficient Index, Human Poverty Index (HPI).</li> </ul> <p><b>Practicum:</b> 1. Assignment on various indicators of growth and development 2. Group discussions about the characteristic features of different countries and their development levels</p>	
<b>Module - II: General Theories of Economic Growth and Development</b>	<b>18</b>
<ul style="list-style-type: none"> <li>• Adam Smith’s Theory,</li> <li>• David Ricardo’s Theory,</li> <li>• T.R. Malthus’ Theory,</li> <li>• Karl Marx’s Theory,</li> <li>• Schumpeter’s Theory and Rostow’s Growth Theory - Harrod-Domar Model.</li> </ul> <p><b>Practicum:</b> 1. Assignment on different theories and their relevance to developing Countries, 2. Debate on present stage of India’s growth and estimated stage it may reach by 2047.</p>	
<b>Module -III: Partial Theories of Economic Development</b>	<b>18</b>
<ul style="list-style-type: none"> <li>• Lewis Labour Surplus Model</li> <li>• Rodan’s Big Push Theory</li> <li>• Lieberstein’s Critical Minimum Effort Approach</li> <li>• Balanced Vs. Unbalanced Growth,</li> <li>• Factors in the Development Process Capital Accumulation - Capital-Output Ratio</li> <li>• Technology and Economic Development.</li> </ul> <p><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</p>	

<b>Module-IV : Sustainable Development</b>	<b>08</b>
<ul style="list-style-type: none"> <li>• Inclusive Development - Millennium Development Goals</li> <li>• Sustainable Development Goals, Targets and Achievements with reference to India.</li> </ul> <p><b>Practicum:</b> Seminar on MDGs and SDGs and the challenges</p>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>• Higgins Benjamin &amp; W.W. Norton Economic Development New York &amp; Company. Inc.</li> <li>• Mishra S.K and Puri V.K, Economic Development and Planning, Himalaya Pub., House, Mumbai.</li> <li>• Sustainable Development Reports</li> <li>• Taneja M.L. and Meier G. M, Economics of Development and Planning, S. Chand and Co, New Delhi.</li> <li>• Thirlwall A.P. Growth and Development: With Special Reference to Developing Economies, PalgraveMacmillan, New York.</li> <li>• Todoaro. M.P &amp; Orient Longman Economic Development in the Third World, United Kingdom</li> </ul>	

## Semester – V

Course Title	<b>Indian Banking and Finance</b>		
Course Code	<b>DSC 5.3</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:

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

<b>Content of Indian Banking and Finance</b>	<b>60 Hours</b>
<b>Module - I : Introduction to banking: India</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Indian Banks: Evolution, structure, functions, types and features-</li> <li>• Public sector, private sector, foreign, Cooperative, RRB, Small finance banks, payment banks; Role and importance of banks in the Indian economy;</li> <li>• Central Bank and banking regulation; Regulatory and supervisory powers;</li> <li>• Monetary policy and banking channel of credit control; Policy rates and banking; repo, reverse repo, MCLR, Bank rate, CRR, SLR, MSF;</li> <li>• Issues in banking sector; NPA crisis; impact of global events on Indian banks.</li> </ul> <p><b>Practicum:</b> 1. Compare and contrast the different types of banks, highlighting their strengths and weaknesses- Presentation. 2. 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.</p>	
<b>Module - II: Banking services</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Banking services: Bank deposits; Types and features of bank accounts; account opening and importance of KYC;</li> <li>• Bank loans; types, features, documents required; eligibility, interest rates, maturity, loan default and consequences;</li> <li>• Other services: Locker facility, payment and remittance services and channels; currency exchange; debit cards, credit cards, pre- paid cards; ATMs; internet and mobile banking;</li> <li>• Modern banking products: Insurance on deposits and loans, Investment services in capital market- stocks, bonds and mutual funds; advisory services; retirement products.</li> </ul> <p><b>Practicum:</b> 1. Group discussion on bank accounts and loan products and making recommendation to different classes 2. Comparison of banking services by visiting bank branches</p>	

<b>Module -III: Modern Banking</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Modern banking facilities; Digital banking; Digital Wallets; Digital account opening;</li> <li>• Biometrics; contact less payment system; instant payments;</li> <li>• personal finance management tools;</li> <li>• Use of artificial intelligence and machine learning in banks;</li> <li>• Corporate banking; Investment Banking.</li> <li>• Cyber security in banking; Credit scoring; Direct lending; Modern Banking Regulations</li> </ul> <p><b>Practicum:</b></p> <ol style="list-style-type: none"> <li>1. Survey bank customers to understand their usage and satisfaction levels with digital banking services.</li> <li>2. Analyze the adoption rates of digital banking services across different age groups and demographic segments</li> </ol>	
<b>Module –IV: Financial Market</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Introduction to Indian financial markets; Equity markets and stock exchanges;</li> <li>• Debt markets and bond markets;</li> <li>• Currency markets and foreign exchange trading;</li> <li>• Commodity markets and trading; Derivatives markets; Mutual funds;</li> <li>• Insurance products Investing in capital market products- access, channels; risk in capital market investments;</li> <li>• Role of SEBI, Fintech and innovation in capital markets;</li> </ul> <p><b>Practicum:</b></p> <ol style="list-style-type: none"> <li>1. Debate: Investing in capital market products. Assignment on Indian financial markets</li> </ol>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>• 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> <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> <a href="#">invest-in-capital-market</a></li> <li>• Investor Education material by National Stock Exchange (<a href="https://www.nseindia.com/invest/how-to">https://www.nseindia.com/invest/how-to</a>)</li> <li>• Khan, M. Y. (2019). Indian Financial System (11th ed.). McGraw Hill Education (India) Private Limited.</li> <li>• Pathak, B. V. (2018). Indian financial system. Pearson Education</li> <li>• Principles and Practices of Banking (2023), Indian Institute of Banking &amp; Finance (IIBF), MacMillan</li> <li>• RBI (2022) report on the trend and Progress of Banking in India</li> <li>• 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></li> <li>• Securities and Exchange Board of India. (2021). Handbook of Statistics on Indian Securities Market.</li> <li>• Shekhar, K. C. &amp; Shekhar, L. (2013). Banking Theory and Practice, 21st Edition</li> <li>• Taxman’s Digital Banking, Indian Institute of Banking &amp; Finance (IIBF), Bharati Law House</li> </ul>	

## Semester – VI

Course Title	<b>International Economics</b>		
Course Code	<b>DSC-6.1</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:

- Understand the international trade theories and their application in international trade
- 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
- Understand the concept of BoP and assess the BoP position and examine the changes in forex rate
- Analyse the role of International trade and financial institutions
- Demonstrate good inter-personal and communication skills through class participation and contributing to critical discussion on trade issues

<b>Content of International Economics</b>	<b>60 Hrs.</b>
<b>Unit-I: International Trade Theories</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Meaning and Importance of International trade;</li> <li>• Differences between Internal and International Trade;</li> <li>• Trade Theories:</li> <li>• Mercantilist view; Absolute cost and comparative cost advantage theories;</li> <li>• Haberler's Opportunity cost theory;</li> <li>• Heckscher-Ohlin theory;</li> <li>• Leontief's paradox</li> </ul> <p><b>Practicum:</b> Assignment on Ricardo's Comparative cost advantage and Leontief's paradox</p>	
<b>Unit - II: Terms of Trade and Commercial Policy</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Terms of trade- Concept and Types,</li> <li>• Factors determining Terms of Trade;</li> <li>• Commercial Policy: Free trade v/s Protection; Merits and Demerits</li> <li>• Tariffs: Types and effects; Quotas; Anti-dumping;</li> <li>• Economic Integration: Meaning and stages.</li> </ul> <p><b>Practicum:</b> 1. Debate: Free trade v/s Protection 2. Mini project: Trace the evolution of India towards Economic Integration</p>	
<b>Unit -III: Balance of Payment and Capital Flow</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Balance of Payment: Concept, Components;</li> <li>• Disequilibrium in Balance of Payment: Causes and Measures to correct disequilibrium;</li> <li>• Foreign Exchange rate: Meaning and types; determination of Foreign exchange rate:</li> <li>• Demand for and Supply of Forex; Purchasing Power Parity (PPP) theory;</li> <li>• Capital Flow: Meaning and concept of Foreign Investment;</li> <li>• Forms of FDI; Advantages and disadvantages of FDI.</li> </ul> <p><b>Practicum:</b> Prepare India's Balance of Payment statement using recent Economic Survey Assignment on Forms of FDI</p>	

<b>Unit -IV: International Finance and Trade Institutions</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Bretton Woods Institutions: IMF and IBRD -IDA and IFC: Organization, Objectives, Functions and their role in developing countries;</li> <li>• Evolution of WTO: Organization, Objectives, Functions, Performance and current issues;</li> <li>• WTO and developing countries;</li> </ul> <p><b>Practicum:</b> Group Discussion: Effectiveness of IMF and IBRD in developing countries Seminar: Agreements of WTO or current issues of WTO</p>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>• Carbaugh, R. J. (1999): International Economics, International Thompson Publishing, New York</li> <li>• D M Mithani, International Economics, Himalaya, Mumbai.</li> <li>• Dana, M. S. (2000): International Economics: Study Guide and work Book, 5. Edition, Routledge Publishers, London.</li> <li>• Dwivedi D.N. (2013): International Economics Theory &amp; Policy, Vikas Publishing House Pvt.t Ltd.</li> <li>• Jackson, JD. (1998) The World Trading System, Cambridge University Press, Mass. Cherunilam, International Economics, TMH, New Delhi.</li> <li>• Jhingan M.L.(2016): International Economics, Vrinda Publications Pvt Ltd-Delhi</li> <li>• K.C. Rana &amp; K.N. Verma (2017): International Economics, Vishal Publishing Co.</li> <li>• Kenen, P. B. (1994). The International Economy, Cambridge University Press, London.</li> <li>• Krishnamurthy H.R (2013) : Antararashreeya Arthashastra ; (Kannada version), Sapna, Bengaluru</li> <li>• Salvatore, D. (2016): International Economies, 12 Edition, Wiley Publication</li> <li>• Sodersten. B. (1993): International Economics, MacMillan, 3 Edition, London,</li> <li>• Vaish, M. C. and Sudama Singh (1980): International Economics, 3 Edition, Oxford and IBH Publication, New Delhi.</li> </ul>	

## Semester – VI

Course Title	<b>Indian Public Finance</b>		
Course Code	<b>DSC-6.2</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:

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

<b>Content of Indian Public Finance</b>	<b>60 Hrs.</b>
<b>Unit-I: Public Revenue</b>	<b>18</b>
<ul style="list-style-type: none"> <li>• <b>Direct Tax Revenue</b> - Sources of Revenue-Tax and Non-Tax Revenue;</li> <li>• Trends and Patterns of Tax Revenue in India;</li> <li>• Direct and Indirect Taxes in India; Personal Income Tax Rates and Slabs; Corporate Tax- Tax Rate and Slabs;</li> <li>• <b>Indirect Tax Revenue</b> - Indirect Taxes – Earlier Taxes-VAT and MODVAT;</li> <li>• 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;</li> <li>• Kelkar Committee Recommendations.</li> </ul> <p><b>Practicum:</b> 1. Collection and analysis of data on Direct tax 2. Collection and analysis of GST from businesses</p>	
<b>Unit - II: Public Expenditure</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• <b>Revenue Expenditure</b> - Classification of Public Expenditure in India; Revenue Account Expenditure- Trends and Patterns; Capital Account Expenditure-Trends and Patterns;</li> <li>• Fiscal Responsibility and Budget Management (FRBM) Act;</li> <li>• Impact of Public Expenditure on Indian Economy;</li> <li>• Expenditure Reforms Commission (ERC) in India;</li> <li>• <b>Union Budget and Its Analysis</b> - Composition of Union Budget;</li> <li>• Zero- Based Budget; Union Budget Analysis (current one);</li> <li>• Different Concept of Deficits- Revenue, Fiscal, Primary Deficits</li> </ul> <p><b>Practicum:</b> 1. Analysis of Union Budget (Current one) 2. Group Discussion on Budget Deficits</p>	
<b>Unit -III: Public Debt and Its Management</b>	<b>14</b>
<ul style="list-style-type: none"> <li>• <b>Public Borrowings and Debt</b> - Meaning and Nature of Public Debt;</li> <li>• Sources of Public Borrowings; Classification of Public Debt; Trends and Patterns of Central Government Debt; Main Characteristics of Indian Public Debt;</li> <li>• Crowding out of Private Investment; Causes of Public Debt in India;</li> <li>• <b>Burden of Public Debt and Management in India</b> - Meaning of Burden of Public Debt; Importance of Public Debt Management;</li> </ul>	



<ul style="list-style-type: none"> <li>Principles of Public Debt Management; Repayment of Public Debt in India; Impact of Public Debt on Indian Economy;</li> </ul> <p><b>Practicum:</b> 1. Assignment to write on Indian Public Debt and sources of repayment 2. Group Discussion on Burden of Public Debt</p>	
<b>Unit -IV: Fiscal and Monetary Policies and Federal Finance in India</b>	<b>13</b>
<ul style="list-style-type: none"> <li><b>Fiscal and Monetary Policy India</b> - Meaning and Objectives of Fiscal Policy;</li> <li>Importance of Fiscal Policy; Tools of Fiscal Policy;</li> <li>Meaning and Objectives of Monetary Policy; Importance of Monetary Policy; Tools of Monetary Policy;</li> <li><b>Indian Federal Finance</b> - Meaning and Importance- Stages of Growth;</li> <li>Allocation of Resources- Division of Functions and Resources;</li> <li>Principles of Federal Finance; Shortcomings of Federal Financing;</li> <li>Recent Finance Commission and its Recommendations.</li> </ul> <p><b>Practicum:</b> 1.Group Discussion about the Role of Fiscal and Monetary Policies in controlling inflation 2. Assignment to write the State List, Union List and Concurrent list</p>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>Bhatia H L (2021): Public Finance, S. Chand and Co., New Delhi.</li> <li>Lekhi R.K (2020): Public Finance, Kalyani Publishers, New Delhi.</li> <li>Musgrave R.A and Musgrave P.A (2017): Public Finance in Theory and Practice, Mcgraw-Hill, Kogakusha, Tokyo.</li> <li>Om Prakash (2021): Public Economics: Theory a practice, Vishal Publishing Co. Ludhiana.</li> <li>S.K. Singh (2019): Public Economics: Theory and Practice S. Chand and Co., New Delhi.</li> <li>Tyagi, B.P (2018): Public Finance, Jai Prakash Nath and Company, Meerut, India.</li> </ul>	

## Semester – VI

Course Title	<b>Environmental Economics</b>		
Course Code	<b>DSC-6.3</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:

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

<b>Content of Environmental Economics</b>	<b>60 Hrs.</b>
<b>Unit-I: Environment and Ecology</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Meaning, Nature and Scope of Economics of Environment;</li> <li>• Linkages between Environment and the Economy;</li> <li>• Environmental Kuznets curve;</li> <li>• Environmental Stress; Population and Environment; Poverty and Environment;</li> <li>• Meaning and elements of ecology; Biotic and Abiotic components; Food, Hydrological and Carbon Cycles;</li> <li>• Material Balanced Principle (Entropy law);</li> <li>• Meaning and strategies to achieve Sustainable Development; Rio Summit;</li> <li>• Green Accounting</li> <li>• Introduction to SDGs.</li> </ul> <p><b>Practicum:</b> Making charts relating to SDGs or Assignments on environment-economy linkages at the local level.</p>	
<b>Unit - II: Natural Resources Scarcity and Conservation</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Meaning and Characteristics of Renewable and Non-renewable resources;</li> <li>• Non-Renewable Resources and the problem of depletion and problem of overuse ;</li> <li>• Resource Scarcity and Economic Growth (Limits to Growth Model);</li> <li>• Energy and Economic Development;</li> <li>• Energy resources and their Pricing; Alternative energy sources;</li> <li>• Conservation of Natural Resources- 3Rs – Reduce, Reuse and Recycling Measures</li> </ul> <p><b>Practicum:</b> Identifying local resources; Project on resource conservation (esp. water) at the College level; Discussion on Limits to Growth</p>	
<b>Unit -III: Environmental Pollution</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Types of Pollution –Air, Water, Soil, Noise, Thermal - Causes and consequences.</li> <li>• Climate change, Global warming, Greenhouse effect-Ozone depletion-Carbon footprint.</li> <li>• Environmental hazards: rivers, land: floods, drought, acid rain.</li> <li>• Environmental impact assessment (cost-benefit analysis).</li> </ul> <p><b>Practicum:</b> Assignments on types of pollution in local areas</p>	

<b>Unit -IV: Environmental Pollution and Regulation</b>	<b>15</b>
<ul style="list-style-type: none"> <li>• Environmental regulatory system in India;</li> <li>• Pollution Control Boards and their Functions;</li> <li>• Provisions of the Environmental Protection Act, 1986; Environmental Movements in India (Chipko);</li> <li>• Role of Citizens and NGOs in Environmental Protection.</li> </ul> <p><b>Practicum:</b> Visiting the Pollution Control Board office and observing its functions</p>	
<p><b>References</b></p> <ul style="list-style-type: none"> <li>• Bhattacharya, R.N (Ed) (2001), Environmental Economics: An Indian Perspective, Oxford University Press.</li> <li>• Karpagam M. (1993), Environmental Economics, Sterling Publishers, New Delhi.</li> <li>• Mahajan V.S (2003): Environmental Protection – Challenges &amp; Issues, Deep &amp; Deep Publishers New Delhi</li> <li>• Nick Hanley, Jason F, Shogren and Ben White (2005): Environmental Economics in Theory and Practice, Macmillan India Ltd.</li> <li>• Sengupta, R.P. (Ed.) (2001), Ecology and economics: An Approach to Sustainable Development, Oxford University Press, New Delhi.</li> <li>• Shankar, U, (2001), Environmental Economics, Oxford University Press, New Delhi.</li> <li>• Singh, Katar and Anil Shisodia (2007): Environmental Economics: Theory and Applications, Sage Publications, New Delhi</li> </ul>	

## Semester – VI

Program Name	<b>B A in Economics Internship</b>	Semester	<b>Sixth Semester</b>
Course Title	<b>Internship</b>		
Course Code:	<b>Skill Enhancement Course</b>	No. of Credits	<b>2</b>
Contact hours		Duration of SEA/Exam	<b>Practical</b>
Formative Assessment Marks	<b>50</b>	Summative Assessment Marks	<b>NA</b>

### INTRODUCTION:

Internship [Organizational work] is an integral part of the curriculum. Its objective is to equip students with job skills and communication abilities, enabling them to bridge the gap between theoretical knowledge and practical application. The internship program incorporates various interventions that offer students exposure to real-life job experiences and expectations, empowering them with insights into the workings of different industries.

The internship is strategically positioned during the 6<sup>th</sup> semester of the Bachelors of Arts in Economics program. This timing provides students with a strong foundation in economics, enabling them to apply their knowledge in real-world settings. Additionally, the program caters to the critical need for teaching skills in economics and administration, enhancing the academic qualifications of students. Overall, the internship program aims to prepare students for the job market, thereby bridging the gap between academia and the professional world.

### OBJECTIVES:

The objectives of conducting program are:

1. To boost students' employability by imparting soft skills that are essential in everyday life.
2. To enable students discover their professional strengths and weaknesses and align them with the changing economic environment.
3. To provide an opportunity for students to apply theoretical concepts and knowledge in real life situations at the work place.
4. To prepare students to understand organization culture and familiarize them with the organization needs.
5. To enable students to manage resources, meet deadlines, identify and undertake specific goal-oriented tasks.
6. To sharpen domain knowledge and provide core competency skills.

### Internship Requirements & General Guidelines:

#### A. Nature of internship project work:

1. Every Student is required to work in an organization (a firm, self- help groups/cooperatives/farms or any rural economy components) for at least two months as part of Internship.
2. The student shall identify an internship work place.
3. Maximum five students of the same department from a College/University shall work for Internship in the same organization.
4. Internship work may be to carry out Professional work.
5. The internship shall be paid or unpaid.
6. While, working from the organizational premises is encouraged, in certain cases, virtual internship shall be considered.

#### B. Duration of Internship:

1. The Internship works shall be for a period of TWO months [Sixty Days].
2. The internship commence from the first day of the sixth semester.
3. Student is expected to carry out his/her Internship works during the first FIVE days of the week, and shall report to the department on a weekly basis.
4. The duration of the work shall be specified by the organization at the beginning of the program and the

number of hours spent shall be in line with the prevailing rules.

**C. Guide and Mentor:**

1. An internal mentor shall be assigned by the University/College for the smooth conduct and supervision of the internship program.
2. The internal mentor shall provide guidance students in securing internship and to monitor the progress.

**D. Protocol of the Internship work:**

1. The head of the institution shall issue an internship work authorization letter during the 5<sup>th</sup> semester to the College or Organization where student is expected to join the internship work.
2. Student is expected to take up the preliminary work such as identifying the organization and engaging in securing in an offer from an organization
3. During the 5<sup>th</sup> semester, students who secured an offer must get consent offer signed by the principal/head to carry out internship.
4. Student must submit the joining report with the date of joining for internship to the department head through internal mentor.
5. In case of professional work, the student is expected to be regular in performing his/her duties/tasks assigned to him/her by the Organization.

**E. Evaluation:**

1. All the students should obtain a certificate of internship from the workplace. This certificate shall mention the name of the candidate, the organizations name and duration of work. A letter describing the work of the candidate is desirable. The certificate shall be submitted to the department head.
2. The performance of a candidate shall be assessed for maximum of 100 marks.
3. The assessment methods shall be decided by the Universities based on the existing conventions.
4. The assessment method shall consist of an internship report submitted by the students based on the work experience and a viva-voce/presentation.
5. **Viva-voce/Presentation:** There shall be a viva-voce examination will be conducted for by the department where each student is expected to give a presentation and submit necessary documents.

**F. Marks allocation for Internship Work:**

Statement of Marks Secured		
Item	Maximum Marks	Marks Obtained
Candidate Attendance for teaching/work		
Candidate Punctuality for teaching/work		
Course Work Preparation/ Work Commitment		
Students Feedback/Employer Feedback		
Behavioural Attitudes		
Overall Observation		
<b>Total</b>		
Total Marks Secured by student in Words:		

Viva-voce by Chairman and an Expert Drawn from Other University for 30 Marks			
Sl. No	Aspects	Maximum Marks	Marks Obtained
1	Presentation Skills		
2	Communication Skills		
3	Subject Knowledge		
Total			

Note: Assessment needs to be done as per the regulation.

# Question Paper Pattern for UG Semester

Paper Code:

Paper Title:

Duration of Exam: **02 Hours**

Max Marks: **60 Marks**

Instruction: **Answer all the sections**

## Section-A

1. Answer any **TEN** of the following sub-questions, each sub-question carries **ONE** mark (10 X 1 = 10)

A. .

B. .

C. .

D. .

E. .

F. .

G. .

H. .

I. .

J. .

K. .

L.

## Section-B

Answer any **FOUR** of the following questions; each question carries **FIVE** marks (4 X 5 = 20)

2.

3.

4.

5.

6.

7.

## Section-C

Answer any **THREE** of the following questions; each question carries **TEN** marks (3 X 10 = 30)

8.

9.

10.

11.

12.

## Members of Board of Studies in Economics (UG)

Sl. No.	Name & Organization	Designation
1	<b>Dr. Vilas M. Kadrolkar</b> Professor and Chairman Department of Studies and Research Economics Tumkur University, Tumakuru	Chairperson
2	<b>Dr. Jayasheela</b> Professor, Department of Studies and Research Economics Tumkur University, Tumakuru	Member
3	<b>Dr. Ravindra Kumar B.</b> Professor, Department of Studies and Research Economics Tumkur University, Tumakuru	Member
4	<b>Dr. Premakumara G.S.</b> Professor, Department of Studies and Research in Economics, P. G. Centre, Mandya, University of Mysore	Member
5	<b>Dr. Ravindranath N Kadam</b> Professor, Department of Studies and Research in Economics, Karnatak University, Dharwad	Member
6	<b>Sri. Amaranarayana Swamy S. V.</b> Associate Professor Department of Economics Union Christian College, Tumakuru	Vice-Chairman
7	<b>Sri. H. R. Dhananaya</b> Associate Professor Department of Economics Pallagatti Adavappa Arts and Commerce College, Tipturu	Member
8	<b>Sri. Chandrashekar K. S.</b> Associate Professor Department of Economics Government First Grade College, Tipturu	Member
9	<b>Sri. Siddeshwar N.</b> Assistant Professor Department of Economics Government First Grade College, Bellavi	Member
10	<b>Sri. Govindaraju N.</b> Assistant Professor Department of Economics Government First Grade College, Sira	Member