

**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 )**

## B.A. PROGRAMME

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

Semester – I								
SI No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	ECODSC01	Basic Economics – I	DSC - 1	3 + 0 + 0	70	30	100	3
2	ECODSC02	Contemporary Indian Economy	DSC - 2	3 + 0 + 0	70	30	100	3
3	ECOOEC01 ECOOEC02 ECOOEC03 ECOOEC04	<p style="text-align: center;"><b>(Choose any One)</b></p> <ol style="list-style-type: none"> <li>1. Fundamentals of Economics</li> <li>2. Development Studies</li> <li>3. Pre-reforms Indian Economy</li> <li>4. Kautilya's Arthashastra</li> </ol>	OEC-1	3 + 0 + 0	70	30	100	3
<b>Sub- Total</b>								<b>09</b>

Semester - II								
SI No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	ECODSC03	Basic Economics – II	DSC - 3	3 + 0 + 0	70	30	100	3
2	ECODSC04	Karnataka Economy	DSC - 4	3 + 0 + 0	70	30	100	3
3	ECOOEC05 ECOOEC06 ECOOEC07 ECOOEC08	<p style="text-align: center;"><b>(Choose any One)</b></p> <ol style="list-style-type: none"> <li>1. Contemporary Indian Economy</li> <li>2. Financial Economics</li> <li>3. Economics of Business Environment</li> <li>4. Sustainable Development</li> </ol>	OEC - 2	3 + 0 + 0	70	30	100	3
<b>Sub- Total</b>								<b>09</b>
<b>Exit option with Certificate (48 Credits)</b>								

### Semester - III

SI No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	ECODSC05	Micro Economics	DSC- 5	3 + 0 + 0	70	30	100	3
2	ECODSC06	Mathematical Economics	DSC 6	3 + 0 + 0	70	30	100	3
3	ECOOEC09 ECOOEC10 ECOOEC11 ECOOEC12	<p style="text-align: center;"><b>(Choose any One)</b></p> <ol style="list-style-type: none"> <li>1. Indian Public Finance</li> <li>2. Economics of Human Development</li> <li>3. Rural Economics</li> <li>4. Economics of Insurance</li> </ol>	OEC - 3	3 + 0 + 0	70	30	100	3
<b>Sub- Total</b>								<b>09</b>

### Semester - IV

SI No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	ECODSC07	Macro Economics	DSC - 7	3 + 0 + 0	70	30	100	3
2	ECODSC08	Statistics for Economics	DSC - 8	3 + 0 + 0	70	30	100	3
3	ECOOEC13 ECOOEC14 ECOOEC15 ECOOEC16	<p style="text-align: center;"><b>(Choose any One)</b></p> <ol style="list-style-type: none"> <li>1. Economics of Globalisation</li> <li>2. Economics and Law</li> <li>3. Entrepreneurial Economics</li> <li>4. Karnataka Economy</li> </ol>	OEC - 4	3 + 0 + 0	70	30	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	ECODSC09	Public Economics	DSC- 9	4 + 0 + 0	70	30	100	4
2	ECODSC10	Development Economics	DSC - 10	4 + 0 + 0	70	30	100	4
3	ECODSE01 ECODSE02 ECODSE03	<b>(Choose any One Stream)</b>	DSE - 1	3 + 0 + 0	70	30	100	3
		<b>Stream - 1</b> Agricultural Economics						
		<b>Stream - 2</b> Industrial Economics						
		<b>Stream - 3</b> Welfare Economics						
4	ECOVOC01 ECOVOC02 ECOVOC03	<b>(Choose any One)</b> 1. Entrepreneurial Economics 2. Digital Economics 3. Plantation Economy	VSE - 1	3 + 0 + 0	70	30	100	3
<b>Sub- Total</b>								<b>14</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	ECODSC11	International Economics	DSC- 11	4 + 0 + 0	70	30	100	4
2	ECODSC12	Indian Public Finance	DSC - 12	4 + 0 + 0	70	30	100	4
3	ECODSE04 ECODSE05 ECODSE06	<b>(Choose any One Stream)</b>	DSE - 2	3 + 0 + 0	70	30	100	3
		<b>Stream - 1</b> Rural Economics						
		<b>Stream - 2</b> Labour Economics						
		<b>Stream - 3</b> Tertiary Economics						
4	ECOVOC04 ECOVOC05 ECOVOC06	<b>(Choose anyOne)</b> 1. Economics of Regional Markets 2. Project Planning & Management 3. Micro Entrepreneurs Development	VSE - 2	3 + 0 + 0	70	30	100	3
<b>Sub- Total</b>								<b>14</b>

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

Semester - VII								
SI No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	ECODSC13	Advanced Micro Economics	DSC- 13	4 + 0 + 0	70	30	100	4
2	ECODSC14	Financial Economics	DSC - 14	4 + 0 + 0	70	30	100	4
3	ECODSC15	Econometrics	DSC - 15	3 + 0 + 0	70	30	100	3
4	ECODSE07	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Economics of Cooperation	DSE - 3	3 + 0 + 0	70	30	100	3
	ECODSE08	<b>Stream - 2</b> Urban Economics						
	ECODSE09	<b>Stream - 3</b> Population Studies						
5	ECODSE10	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Economics of Non-farm Sector	DSE - 4	3 + 0 + 0	70	30	100	3
	ECODSE11	<b>Stream - 2</b> Economics of Infrastructure						
	ECODSE12	<b>Stream - 3</b> Economics of Health & Education						
6	B.A. 7.6	Research Methodology for Economics	DSC - 1	2 + 1 + 0				3
<b>Sub- Total</b>								<b>20</b>

Semester - VIII								
SI No.	Course Code	Title of the Course	Category of Courses	Teaching Hours per Week (L + T + P)	SEE	CIE	Total Marks	Credits
1	ECODSC16	Economics & Data Analytics	DSC - 16	4 + 0 + 0	70	30	100	4
2	ECODSC17	Behavioural Economics	DSC - 17	4 + 0 + 0	70	30	100	4
3	ECODSC18	Environmental Economics	DSC - 18	3 + 0 + 0	70	30	100	3
4	ECODSE13	<b>(Choose any One Stream)</b> <b>Stream - 1</b> Gender Economics	DSE - 5	3 + 0 + 0	70	30	100	3
	ECODSE14	<b>Stream - 2</b> Institutional Economics						
	ECODSE15	<b>Stream - 3</b> Economics for Business Strategies						
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>
<b>Award of Bachelor of Arts Honours, B.A. (Hons.) Degree in Economics (176 credits)</b>								

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	ECODSC19	Economic Policy Analysis	DSC- 19	4 + 0 + 0	70	30	100	4
2	ECODSC20	Experimental Economics	DSC - 20	4 + 0 + 0	70	30	100	4
3	ECODSC21	Computer Applications in Economics	DSC - 21	3 + 0 + 0	70	30	100	3
4	ECODSE16 ECODSE17 ECODSE18	<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	70	30	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	ECODSC22	Game Theory & its Applications in Economics	DSC - 22	4 + 0 + 0	70	30	100	4
2	ECODSC23	Economics of Corporate Finance	DSC - 23	4 + 0 + 0	70	30	100	4
3	ECODSC24	International Finance	DSC - 24	3 + 0 + 0	70	30	100	3
4	ECODSE19 ECODSE20 ECODSE21	<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	70	30	100	3
5	B.A. 10.5	Research Project						6
OR								
5	ECODSC25	Applied Econometrics	DSC - 25	3 + 0 + 0	70	30	100	3
6	ECODSC26	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>
<b>Award of Master of Arts in Economics (216 credits)</b>								

**Acronyms Expanded**

DSC : Discipline Specific Core Course

OEC : Open Elective Course

DSE : Discipline Specific Elective

VSE : Vocational Specific Elective

**BA (Hons) Economics****Semester – I**

Course Title	: <b>ECODSC01: Basic Economics – I</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes:** By the end of the course the student will be able to:

- Identify the facets of an economic problem.
- Learn basic economic concepts and terms.
- Explain the operation of a market system;
- Analyze the production and cost relationships of a business firm;
- Evaluate the pricing decisions under different market structures; and
- Use basic cost-benefit calculations as a means of decision making

<b>Content of Basic Economics - I</b>	<b>42 Hrs</b>
<b>Unit – I: Basic Concepts in Economics</b>	<b>14</b>
<b>Chapter – 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 - 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 - 3: Economic System</b> <ul style="list-style-type: none"> <li>• Types of Economic Activities</li> <li>• Organization 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 – II: Demand, Supply and Markets</b>	<b>14</b>
<b>Chapter - 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 - 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 - 6: Elasticity and its Measurement</b>	

<ul style="list-style-type: none"> <li>• Types of Elasticity of Demand</li> <li>• Price, Income and Cross Elasticity's</li> <li>• Measurement of Elasticity of Demand</li> <li>• Determinants of Elasticity of Demand</li> </ul> <p><b>Practicum:</b> 1. Estimation of demand and supply elasticity's 2. solving an equilibrium problem</p>	5
<b>Unit – III: Cost and Market Structures</b>	<b>14</b>
<p><b>Chapter - 7: Production and Production Function</b></p> <ul style="list-style-type: none"> <li>• Meaning and Features of Production Function</li> <li>• Production Function : Cobb- Douglas Production Function</li> <li>• Total Product</li> <li>• Marginal Product</li> <li>• Average Product</li> <li>• Iso – Cost and Iso -Quant</li> </ul> <p><b>Chapter - 8. Cost of Production and Accounting</b></p> <ul style="list-style-type: none"> <li>• Cost of Production - Types</li> <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> <p><b>Chapter - 9: Market Structures</b></p> <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: Multiple product, Skimming, Penetration</li> </ul> <p><b>Practicum:</b> 1. Calculation of various costs and comparing them with production concepts; a mini-project can be taken up wherever possible. 2. Studying the real-life pricing mechanism through a project/ case Studies.</p> <p><b>References (indicative)</b></p> <ul style="list-style-type: none"> <li>• Cohen, A.J. (2020). Macroeconomics for Life: Smart Choices for All? + Mylab Economics With Pearson Etext (Updated 2<sup>nd</sup> Ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780136716532</li> <li>• Cohen, A.J. (2015). Microeconomics for Life: Smart Choices for You + Mylab Economics with Pearson Etext (2<sup>nd</sup> Ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780133899368</li> <li>• Case Karl E. And Fair Ray C. Principles of Economics, Pearson Education Asia, 2014.</li> <li>• Mankiw N. Gregory. Principles of Economics, Thomson, 2013.</li> <li>• Somashekar, Ne. Thi. (2021) Moola Arthashastra - I (Kannada Version), Siddalingeshwara Prakashana, Kalburgi.</li> <li>• Stiglitz J.E. And Walsh C.E. Principles of Economics, W.W. Norton &amp; Co, New York, 2011.</li> </ul>	4  5  5



## Semester - I

Course Title	<b>: ECODSC02: Contemporary Indian Economy</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

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

<b>Content of Contemporary Indian Economy</b>	<b>42 Hrs</b>
<b>Unit – I: LPG Policies, Economic Reforms and Agriculture</b>	<b>14</b>
<p><b>Chapter - 1: Recent Issues</b></p> <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>	4
<p><b>Chapter - 2: Urbanization and governance</b></p> <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>	4
<p><b>Chapter - 3: Economic Reforms and Agriculture</b></p> <ul style="list-style-type: none"> <li>• Agriculture and WTO</li> <li>• Price policy and Subsidies</li> <li>• Commercialization and Diversification</li> <li>• Public Distribution System</li> <li>• Impact of public expenditure on agricultural growth</li> <li>• Doubling Farm Incomes, MGNREGA</li> </ul>	6
<p><b>Practicum</b> 1. Mini-project to ascertain the impact of pandemic on lives of different sections of population 2. Field visits to understand the agrarian situation</p>	
<b>Unit – II: Industry, Business, Fiscal Policy</b>	<b>14</b>
<p><b>Chapter - 4: Industrial Policy</b></p> <ul style="list-style-type: none"> <li>• New Industrial Policy and changes</li> <li>• Public sector reform -Privatization and Disinvestment</li> <li>• Competition Policy</li> </ul>	4
<p><b>Chapter - 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 (The teacher should include the latest policy of the government)</li> </ul>	5
<p><b>Chapter - 6: Fiscal Policy</b></p> <ul style="list-style-type: none"> <li>• Tax, Expenditure, Budgetary deficits</li> <li>• Fiscal reforms- Public debt management and reforms</li> <li>• GST – Fiscal Federalism and Fiscal Consolidation</li> </ul>	5
<b>Practicum:</b> Mini-projects to assess the business climate	

<b>Unit – III: Monetary Policy, Foreign Trade and Investment</b>	<b>14</b>
<p><b>Chapter - 7: Monetary Policy</b></p> <ul style="list-style-type: none"> <li>• Organization 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 - 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 - 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> 1. Computation and analysis of Wholesale Price Index, Consumer Price Index: Components and trends. 2. Group Discussions on India's trade policies and trade agreements</p>	
<p><b>References (indicative)</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>• Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi.</li> <li>• Frankel Francine R., (2004), India's Political Economy, Delhi. OUP Jenkins Rob, 2000, Economic Reform in India, Cambridge, CUP</li> <li>• Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.</li> <li>• Joshi Vijaya and L.M.D. Little, (1998), India's Economic Reform 1991-2001, Delhi, OUP.</li> <li>• Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation</li> <li>• Mishra S.K &amp; V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House.</li> <li>• Mukharji Rahul (ed.) (2007), India's Economic Transition: The Politics of Reforms, edited by Rahul Mukherji, Oxford University Press, New Delhi.</li> <li>• Somashekar, Ne. Thi. (2021) Samakalina Bharatada Arthikathe Siddalingshwara Prakashana, Kalburgi</li> <li>• Stuart and John Harris, (2000), Reinventing India, Cambridge Polity</li> </ul>	

## Semester - I

Course Title	: <b>ECOOEC01: Fundamentals of Economics</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcome:** By the end of the course the student will be able to:

- Learn the basic concepts and terms of Economics
- Understand the production and cost relationship (Input-Output relationship)
- Know the price and output determination under different market structures
- Understand the calculation of National Income
- Learn the impact of price fluctuations
- Understand the concept of Money.

Content of Fundamentals of Economics	42 Hrs
<b>Unit - I: Micro Economics</b>	<b>12</b>
<b>Chapter - 1: Meaning and Subject Matter of Economics</b>	
<ul style="list-style-type: none"> <li>• Meaning of Economics</li> <li>• Definitions of Economics</li> <li>• Subject Matter of Economics</li> <li>• Methods of Economics</li> </ul>	4
<b>Chapter - 2: Demand and Supply</b>	
<ul style="list-style-type: none"> <li>• Wants and Resources</li> <li>• Utility and Consumption</li> <li>• Law of Demand</li> <li>• Law of Supply</li> <li>• Concepts of Elasticity of Demand and Supply</li> </ul>	4
<b>Chapter - 3: Cost and Revenue Analysis</b>	
<ul style="list-style-type: none"> <li>• Meaning of Production</li> <li>• Production Function</li> <li>• Meaning and Concepts of Cost</li> <li>• Meaning and Concepts of Revenue</li> </ul>	4
<b>Practicum:</b> Application of Demand, Supply, Cost and revenue in day to day life.	
<b>Unit - II: Market Structure</b>	<b>16</b>
<b>Chapter - 4: Concept of Market</b>	
<ul style="list-style-type: none"> <li>• Meaning of Market</li> <li>• Types of Market</li> <li>• Basic Features of Market</li> </ul>	4
<b>Chapter - 5: Perfect Competition</b>	
<ul style="list-style-type: none"> <li>• Meaning of Perfect Competition</li> <li>• Features of Perfect Competition</li> <li>• Price and output determination</li> </ul>	6
<b>Chapter - 6: Imperfect Competition</b>	
<ul style="list-style-type: none"> <li>• Meaning of Monopolistic Competition</li> <li>• Features of Monopolistic Competition</li> <li>• Price determination</li> <li>• Concept of Monopoly &amp; Duopoly</li> </ul>	6
<b>Practicum:</b> Application of various market concepts in real world situation.	

<b>Unit - III: Macro Economics</b>		<b>14</b>
<p><b>Chapter - 7: National Income Accounting</b></p> <ul style="list-style-type: none"> <li>• Meaning of National Income</li> <li>• Importance of National Income</li> <li>• Concepts of National Income</li> <li>• Measurement &amp; Difficulties of estimation of national income.</li> </ul> <p><b>Chapter - 8: Inflation</b></p> <ul style="list-style-type: none"> <li>• Meaning and Definitions</li> <li>• Features of Inflation, types of Inflation</li> <li>• Causes of Inflation</li> <li>• Impact of Inflation</li> </ul> <p><b>Chapter - 9: Money</b></p> <ul style="list-style-type: none"> <li>• Meaning and Definitions</li> <li>• Types of Money</li> <li>• Functions of Money</li> </ul> <p><b>Practicum:</b> Mini-project to assess the inflation and money concept.</p> <p><b>References (indicative)</b></p> <ul style="list-style-type: none"> <li>• Baumol, W.J., (1995) Economic Theory and operations Analysis, Prentice Hall, New York.</li> <li>• Browning E.K. and J.M. Browning (1998), Microeconomics: Theory and Applications, Kalyani Publisher, New Delhi.</li> <li>• Gravelle, Hugh and Ray Rees (2011): Micro Economics, Pearson Education Ltd, New Delhi.</li> <li>• Koutsoyiannis, A.(2000) Modern Microeconomics, (2<sup>nd</sup>Ed), Macmillan Press, London.</li> <li>• Kreps, David .M. (1990): A Course in Micro Economic Theory, University Press Princeton.</li> <li>• Mankiw N. Gregory (2013) Principles of Economics, Thomson.</li> <li>• Pindyck, Robert S., Daniel L. Rubinfeld and Prem L. Mehta (2009): Microeconomics, Dorling Kindersley (India) Pvt. Ltd.</li> <li>• Salvatore, Dominick (2003): Micro Economics Theory &amp; Applications, Oxford University Press, Inc. 198 Madison Avenue. New York.</li> <li>• Sen, Anindya (1999): Micro Economic Theory and Applications, Oxford University Press, New Delhi.</li> <li>• Varian, H. (2000): Micro Economic Analysis, W.W.Norton, New York.</li> </ul>	<p>5</p> <p>5</p> <p>4</p>	

## Semester – I

Course Title	: <b>ECOOEC02: Development Studies</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

- Graduates will be able to excel in higher studies and/or to succeed in profession.
- Graduates will get a solid foundation of fundamentals required to solve socioeconomic problems and also to pursue higher studies.
- 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.
- 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.

<b>Content of Development Studies</b>	<b>42 Hrs</b>
<b>Unit – I: 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>	3
<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>	3
<b>Chapter - 3: Current Development Challenges</b> <ul style="list-style-type: none"> <li>• Inequality</li> <li>• Migration</li> <li>• Conflicts</li> </ul>	3
<b>Practicum:</b> Apply the concepts in real world situations.	
<b>Unit – II: 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>	2
<b>Chapter - 5: Assessing Development</b> <ul style="list-style-type: none"> <li>• Per capita income</li> <li>• PQLI</li> <li>• Choice and Capabilities</li> <li>• HDI</li> </ul>	4
<b>Chapter - 6: Approaches of Development</b> <ul style="list-style-type: none"> <li>• Adam Smith</li> <li>• Marx</li> <li>• Schumpeter</li> <li>• Structuralist approach</li> <li>• Neo-liberalism, IMF and structural adjustment</li> </ul>	6

<ul style="list-style-type: none"> <li>• Capabilities Approach</li> </ul> <p><b>Practicum:</b> Able to assess the development.</p>	
<b>Unit – III: Theories and Current Issues in Development</b>	<b>21</b>
<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>	6
<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>	5
<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><b>Practicum:</b> Impact of ILO and SDGs on the economy</p>	10
<p><b>References (Indicative):</b></p> <ul style="list-style-type: none"> <li>• Crocker, D. (2008). Ethics and development theory-practice, Ethics of Global Development Agency, Capability, and Deliberative Democracy, 67-106</li> <li>• Des Gasper (2008), 'Denis Goulet and the Project of Development Ethics: Development, 8, 99. 481-9, Elsevier Science, 1, pp.10-26.</li> <li>• Drèze, Jean and Amartya Sen( 2002), India: Development and Participation, second edition. Oxford: Oxford University Press.</li> <li>• Gasper, D. (2004). The ethics of development: From Economism to human development. Edinburgh: Edinburgh University Press</li> <li>• Huntington, Samuel (1971), The change to change: Modernization, development and politics. Comparative Politics, 3.</li> <li>• Myrdal, Gunnar. (1974), "What is Development?" Journal of Economic Issues 8(4):729-736.</li> <li>• Peet, Richard with Elaine Hartwick (2009), Theories of Development: Contentions, Arguments, Alternatives (2nd edition). New York: Guilford.</li> <li>• Sen, Amartya (1999) Development as Freedom. New York: Anchor Books.</li> </ul>	

## Semester – I

Course Title	: <b>ECOOEC03: Pre-Reforms Indian Economy</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

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

<b>Content of Pre-Reforms Indian Economy</b>	<b>42 Hrs</b>
<b>Unit- I: Features and problems of Indian Economy</b>	<b>15</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>	4
<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>	6
<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>	5
<b>Practicum:</b> 1. Identifying economic problems and their causes; 2. Mini-project on aspects of Indian agriculture, industry, service & public sectors	
<b>Unit -II: Economic Policies</b>	<b>13</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>	5
<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>	2
<b>Chapter - 6: Fiscal Policy in India</b> <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>	6
<b>Practicum:</b> Assignment on successes and failures of India's planning; Monetary and Fiscal Policy instruments	

<b>Unit – III: 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>	6
<p><b>Chapter - 8: Pre - reform strategies</b></p> <ul style="list-style-type: none"> <li>• Stabilization strategies / Measures in three sectors of the economy</li> <li>• Tariff Policy and Impact</li> <li>• Exchange Rate Dynamics</li> </ul>	6
<p><b>Chapter - 9: Planning Commission</b></p> <ul style="list-style-type: none"> <li>• Organization and Objectives</li> <li>• Functions</li> </ul>	2
<p><b>Practicum:</b> Calculation of BoP and evaluating trade policies; Assignment and group discussion on the impact of LPG Policies</p>	
<p><b>References (Indicative):</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>• Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi.</li> <li>• Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.</li> <li>• Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation</li> <li>• Mishra S.K &amp; V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House.</li> </ul>	



## Semester - I

Course Title	: ECOOEC04 : Kautilya's Arthashastra		
Total Contact Hours	: 42	Course Credits	: 3

**Course Outcomes (COs):** At the end of the course the student should be able to:

- 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.
- 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.

<b>Content of Kautilya's Arthashastra</b>	<b>42 Hrs</b>
<b>Unit – I: Introduction to Kautilya's Arthashastra</b>	<b>06</b>
<b>Chapter - 1: Introduction to the Arthashastra</b>	2
<b>Chapter - 2: Various disciplines of Indian Education System</b>	2
<b>Chapter - 3: Place of Kautilya Arthashastra among them</b>	2
<b>Practicum:</b> Apply the concept to real World Situations	
<b>Unit – II: Governance and Laws of Inheritance</b>	<b>15</b>
<b>Chapter - 4: Importance of science dealing with governance</b>	5
<ul style="list-style-type: none"> <li>• Introduction to Tantrayuktis</li> <li>• The methods of preparing a compendium,</li> <li>• Tools and techniques of writing a compendium.</li> </ul>	
<b>Chapter - 5: Governance Procedure</b>	5
<ul style="list-style-type: none"> <li>• Appointment of the ministers,</li> <li>• duties of Government superintendents,</li> <li>• Treasury, spies, royal writ, punishment</li> <li>• Vakparushya and Dandaparushya</li> </ul>	
<b>Chapter - 6: Laws of Inheritance</b>	5
<ul style="list-style-type: none"> <li>• Determination of forms of Agreements,</li> <li>• Determination of legal disputes,</li> <li>• Division of inheritance,</li> <li>• Special shares in inheritance,</li> <li>• Distinction between sons</li> </ul>	
<b>Practicum:</b> Case study on law of inheritance in India.	
<b>Unit – III: Economic and Political Dimensions; Defense and Warfare</b>	<b>21</b>
<b>Chapter - 7: Economic Dimension</b>	9
<ul style="list-style-type: none"> <li>• Body of income of the state, collection of revenue,</li> <li>• Duties of a Chamberlin (koshadhyksha),</li> <li>• Forty ways of embezzlement of the revenue,</li> <li>• Punishment for the embezzlement of revenue, expenditure, Loss and Profit,</li> <li>• Keeping up the Accounts, Recovery of Debts, Deposits of the state,</li> <li>• Resumption of the gifts, Remission of Taxes</li> </ul>	

<p><b>Chapter - 8: Political Dimension</b></p> <ul style="list-style-type: none"> <li>• Six-fold Policy- War, Combination of Powers,</li> <li>• Agreement of Peace with or without definite terms,</li> <li>• Double Policy, Circle of States,</li> <li>• Conduct of Corporations, Secret means, Plan of treatise</li> </ul> <p><b>Chapter - 9: Defense and Warfare</b></p> <ul style="list-style-type: none"> <li>• Planning of different Vyuhās in War</li> </ul> <p><b>Practicum:</b> Conduct a study on economic and political dimensions of Indian economy.</p> <p><b>References (Indicative):</b></p> <ul style="list-style-type: none"> <li>• Gairola, Vacaspati (2013) - Arthashastra of Kautilya, Chaukhambha Vidyabahavan, Varanasi, India.</li> <li>• Kautilya's Arthashastra: The Way of Financial Management and Economic</li> <li>• Rangarajan, L.N. (2015) Kautilya, The Arthashastra, Penguin Books Ltd, London.</li> <li>• Shastri, T. Ganapati (2005) - Arthashastra of Kautilya, Chaukhambha Surbharti Prakashana, Varanasi, India.</li> </ul>	<p>9</p> <p>3</p>
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## Semester – II

Course Title	<b>: ECODSC03: Basic Economics - II</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

- Understand the operation of the overall economic system;
- Calculate national income and related aggregates
- Explain the relationship between macroeconomic aggregates;
- Analyze the nature of business cycles and policies towards controlling them;
- Evaluate the macroeconomic policies for solving major problems like poverty and unemployment

<b>Content of Basic Economics - II</b>	<b>42 Hrs</b>
<b>Unit -I: Macroeconomic Concepts and Relationships</b>	<b>12</b>
<p><b>Chapter - 1: Macro economy</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>	5
<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>	4
<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>	3
<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>	
<b>Unit -II: Macroeconomic Challenges and Policies</b>	<b>12</b>
<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>	3
<p><b>Chapter - 5: Monetary Policy</b></p> <ul style="list-style-type: none"> <li>• Objectives</li> <li>• Instruments</li> </ul>	3
<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 stabilization</li> <li>• Characteristics of public goods</li> <li>• Rationale of public provision of public goods</li> </ul>	6
<p><b>Practicum:</b> 1. Reviewing the monetary policy of RBI; 2. A project to identify the nature and causes of poverty and the latest central</p>	

budget	
<b>Unit -III: Public Policy and Globalization</b>	<b>18</b>
<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>	6
<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 Balance of Payments-The current and capital account</li> </ul>	9
<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>	3
<b>Practicum:</b> Survey on identification of poor; Calculating the components of BoP of India	
<b>References (indicative)</b> <ul style="list-style-type: none"> <li>• Case Karl E. and Fair Ray C. Principles of Economics, Pearson Education Asia, 2014.</li> <li>• Cohen, A.J. (2020). Macroeconomics for Life: Smart Choices for All? + MyLab Economics with Pearson eText (updated 2<sup>nd</sup> ed). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780136716532</li> <li>• Cohen, A.J. (2015). Microeconomics for Life: Smart Choices for You + MyLab Economics with Pearson eText (2<sup>nd</sup> ed). Toronto, ON: Pearson Canada Inc.</li> <li>• Mankiw N. Gregory. Principles of Economics, Thomson, 2013.</li> <li>• Stiglitz J.E. and Walsh C.E. Principles of Economics, W.W. Norton &amp; Co, New York, 2011.</li> </ul>	

## Semester - II

Course Title	<b>: ECODSC04: Karnataka Economy</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

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

<b>Content of Karnataka Economy</b>	<b>42 Hours</b>
<b>Unit -I: Characteristics of Karnataka Economy</b>	<b>12</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>	2
<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>	6
<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>	4
<b>Practicum:</b> Prepare a list of various natural resources of Karnataka	
<b>Unit - II: Agriculture and Industries in Karnataka</b>	<b>18</b>
<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>	9
<b>Chapter - 5: Rural Development</b> <ul style="list-style-type: none"> <li>• Public Distribution System</li> <li>• Rural Development Programmes</li> </ul>	3
<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>	6
<b>Practicum:</b> Prepare a list of major crops of Karnataka and major industries of Karnataka	

<b>Unit - III: Infrastructure and Finances</b>	<b>12</b>
<b>Chapter - 7: Infrastructure in Karnataka</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, Sanitation</li> <li>• Housing</li> <li>• Health and Education</li> <li>• Social Security in Karnataka</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>• 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><b>Practicum:</b> Review the recent State Budget</p> <p><b>References (indicative)</b></p> <ul style="list-style-type: none"> <li>• Government of Karnataka, Economic Survey [Various Issues]</li> <li>• Planning Department, Annual Publication, Government of Karnataka.</li> <li>• Karnataka at Glance, Annual Publication Government of Karnataka.</li> <li>• Madaiah M &amp; Ramapriya. Karnataka Economy Growth: Issues and Development, Himalaya Pub., House, New Delhi.</li> <li>• Adul Aziz and K.G. Vasanti. (Eds) Karnataka Economy.</li> <li>• Government District Development Reports</li> <li>• Hanumantha Rao. Regional Disparities and Development in Karnataka.</li> <li>• Krishnaiah Gowda H.R. Karnataka Economy, Spandana Publications, Bangalore</li> <li>• Nanjundappa D.M. Some Aspects of Karnataka Economy.</li> <li>• Puttaswamiah K. Karnataka Economy, Two Volumes</li> </ul>	5

## Semester – II

Course Title	<b>: ECOOEC05: Contemporary Indian Economy</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

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

<b>Content of Contemporary Indian Economy</b>	<b>42 Hrs</b>
<b>Unit – I: LPG Policies, Economic Reforms and Agriculture</b>	<b>14</b>
<p><b>Chapter – 1: Recent Issues</b></p> <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>	4
<p><b>Chapter - 2: Urbanization and governance</b></p> <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>	4
<p><b>Chapter - 3: Economic Reforms and Agriculture</b></p> <ul style="list-style-type: none"> <li>• Agriculture and WTO</li> <li>• Price policy and Subsidies</li> <li>• Commercialization and Diversification</li> <li>• Public Distribution System</li> <li>• Impact of public expenditure on agricultural growth</li> <li>• Agrarian Crisis, Doubling Farm Incomes, MGNREGA</li> </ul> <p><b>Practicum:</b> 1. Mini-project to ascertain the impact of pandemic on lives of different sections of population 2. Field visits to understand the agrarian situation</p>	6
<b>Unit – II: Industry, Business and Fiscal Policy</b>	<b>14</b>
<p><b>Chapter - 4: Industrial Policy</b></p> <ul style="list-style-type: none"> <li>• New Industrial Policy and changes</li> <li>• Public sector reform</li> <li>• Privatization and Disinvestment</li> <li>• Competition Policy</li> </ul>	4
<p><b>Chapter – 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 (The teacher should include the latest policy of the government)</li> </ul>	5
<p><b>Chapter - 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> </ul>	5

<ul style="list-style-type: none"> <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> <p><b>Practicum:</b> Mini-projects to assess the business climate</p>	
<b>Unit – III: Monetary Policy, Foreign Trade and Investment</b>	<b>14</b>
<p><b>Chapter - 7: Monetary Policy</b></p> <ul style="list-style-type: none"> <li>• Organization of India’s moneymarket</li> <li>• Financial sector reforms</li> <li>• Interest rate policy</li> <li>• Review of monetary policy of RBI</li> </ul>	3
<p><b>Chapter - 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 behavior in India, Anti-inflationary measures</li> <li>• Demonetization and its impact</li> </ul>	5
<p><b>Chapter - 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> <p><b>Practicum:</b> 1. Computation and analysis of Wholesale Price Index, Consumer Price Index: Components and trends. 2. Group Discussions on India’s trade policies and trade agreements</p> <p><b>References (indicative)</b></p> <ul style="list-style-type: none"> <li>• Bhaduri Amit, (2015), A Model of Development By Dispossession, Fourth Foundation</li> <li>• Dutt Ruddar and K.P.M Sundaram (2001): Indian Economy, S Chand &amp; Co. Ltd. New Delhi.</li> <li>• Frankel Francine R., (2004), India's Political Economy, Delhi. OUP Jenkins Rob, 2000, Economic Reform in India, Cambridge, CUP</li> <li>• Jalan, B. (1996), India’s Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi.</li> <li>• Joshi Vijaya and L.M.D. Little, (1998), India's Economic Reform 1991-2001, Delhi, OUP.</li> <li>• Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation</li> <li>• Mishra S.K &amp; V.K Puri (2001) “Indian Economy and –Its development experience”, Himalaya Publishing House.</li> <li>• Mukharji Rahul (ed.) (2007), India’s Economic Transition: The Politics of Reforms, edited by Rahul Mukherji, Oxford University Press , New Delhi.</li> <li>• Stuart and John Harris, (2000), Reinventing India, Cambridge Polity</li> </ul>	6



## Semester - II

Course Title	: <b>ECOOEC06: Financial Economics</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (Cos):** At the end of the course the student should be able to:

- To familiarize students with the financial system and its components viz. financial instruments, financial institutions, financial markets, and financial regulations.
- To familiarize them with contemporary theories about the workings of different financial markets.
- To provide insight about the relationship of the risk and return and how risk should be measured to bring about a return according to the expectations of the investors.
- Familiarize the students with the fundamental and technical analysis of the diverse investment avenues.

Content of Financial Economics	42 Hrs
<b>Unit – I: Financial Markets and Regulation</b>	<b>15</b>
<b>Chapter - 1 : Banking System</b> <ul style="list-style-type: none"> <li>• Structure and Functions of Central and Commercial Banks</li> <li>• Credit Control Measures</li> <li>• Digital Banking</li> </ul>	5
<b>Chapter - 2: Money Market</b> <ul style="list-style-type: none"> <li>• Meaning</li> <li>• Structure and Characteristics</li> <li>• Operation of money market</li> </ul>	4
<b>Chapter - 3: Capital Markets</b> <ul style="list-style-type: none"> <li>• Structure and characteristics</li> <li>• Primary and Secondary markets</li> <li>• Online trading system, listing</li> <li>• Legal framework and Regulatory system</li> <li>• SEBI – Structure and Functions</li> </ul>	6
<b>Practicum:</b> 1. Analysis of financial markets 2. Visits to stock markets to understand the operation of trading system.	
<b>Unit -II: Investment Theory And Portfolio</b>	<b>14</b>
<b>Chapter - 4 : Basic theory of Interest</b> <ul style="list-style-type: none"> <li>• Discounting and Present value</li> <li>• Internal rate of return – Criterion</li> <li>• Spot rates and Forward rates</li> </ul>	4
<b>Chapter – 5: Portfolio Theory</b> <ul style="list-style-type: none"> <li>• Markowitz model</li> <li>• Portfolio selection and process</li> <li>• Calculation of portfolio risk and returns</li> </ul>	5
<b>Chapter – 6: Capital Asset Pricing Model ( CAPM )</b> <ul style="list-style-type: none"> <li>• Basic Assumptions</li> <li>• Security Market Line</li> <li>• Capital Market Line</li> <li>• SML Vs CML</li> </ul>	5
<b>Practicum:</b> Mini-projects to assess the time value of money and capital asset	

<b>Unit – III: Valuation Models and Projects</b>		<b>13</b>
<p><b>Chapter – 7: Assets value</b></p> <ul style="list-style-type: none"> <li>• Asset value and its price</li> <li>• Law of one price and Arbitrage</li> <li>• Arbitrage and prices of financial assets</li> <li>• Interest rates and law of one price</li> </ul>	4	
<p><b>Chapter – 8: Yield Avenues</b></p> <ul style="list-style-type: none"> <li>• Valuing real estate and shares of stock</li> <li>• Valuation of Bonds and stocks,</li> <li>• Pure Discount Bonds, Coupon Paying Bonds,</li> <li>• Bond Yield, Yield to Maturity</li> </ul>	5	
<p><b>Chapter – 9: Investment Projects</b></p> <ul style="list-style-type: none"> <li>• Project analysis</li> <li>• NPV – cost of capital.</li> <li>• project with different lives ranking mutually exclusive project</li> </ul>	4	
<p><b>Practicum:</b> 1. Computation and analysis of financial assets 2. Group Discussions on yield generating areas.</p>		
<p><b>References (indicative)</b></p> <ul style="list-style-type: none"> <li>• Chandra, Prasanna (2016), Investment Analysis and Portfolio Management, Tata Mcgraw Hills.</li> <li>• Charles P. Jones (2013): Investments: Analysis And Management, 12Th Ed, Wiley.</li> <li>• Ellion J and Et.Al, (2014): Modern Portfolio Theory &amp; Investment Analysis, 9th Ed John Wiley &amp; Sons.</li> <li>• Fabozzi (2002): Foundations of Financial Markets &amp; Institutions, Pearson Foundation, New Delhi.</li> <li>• Frank K. Reilly and Keith C.Brown (2012): Investment Analysis and Portfolio Management 10 Th Edition, South- Wester Cengage Learning.</li> <li>• James C. Van Horne, (2002): Financial Management and Policy, Prentice Hall of India Pvt. Ltd. New Delhi.</li> <li>• Kuchhal S.C. (2014): Financial Management: An Analytical And Conceptual Approach, Chaitanya Publishing House, Allahabad.</li> <li>• Prasanna Chandra (2016): Financial Management: Theory And Practice – Tata Mc Graw Hill Publishing Co. Ltd. New Delhi.</li> </ul>		

## Semester II

Course Title	<b>: ECOOEC07: Economics of Business Environment</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

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

<b>Content of Economics of Business Environment</b>	<b>42 Hrs</b>
<b>Unit – I: Introduction to Business Environment</b>	<b>12</b>
<p><b>Chapter - 1: Introduction</b></p> <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>	3
<p><b>Chapter - 2: Economic Environment</b></p> <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>	6
<p><b>Chapter - 3: Global Business Environment</b></p> <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> <p><b>Practicum:</b> 1. Identification of the impact of business environment through surveys 2. Group discussion on WTO and its impact on Indian business</p>	3
<b>Unit – II: Non-Economic Environment</b>	<b>10</b>
<p><b>Chapter - 4: Social and Cultural Environment</b></p> <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>	4
<p><b>Chapter - 5: Technological Environment:</b></p> <ul style="list-style-type: none"> <li>• Meaning</li> <li>• Technological changes – R &amp; D in India</li> <li>• Public and Private Investment in R and D.</li> </ul>	2

<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
<b>Unit – III: Government and Business in India</b>	
<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>	4
<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>	8
<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>	10
<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> <p><b>References (indicative):</b></p> <ul style="list-style-type: none"> <li>• Francis Cherunilam: Business Environment, Himalaya Publishing House, Mumbai.</li> <li>• K. V. Sivayya and VBM Das: Indian Industrial Economy, Sulthan Chand Publications, Delhi.</li> <li>• M. Adhikari: Economic Environment of Business, Sulthan Chand and Sons, New Delhi.</li> <li>• Raj Agarwal: Business Environment, Excel Publications, New Delhi.</li> </ul>	

## Semester - II

Course Title	<b>: ECOOEC08: Sustainable Development</b>		
Total Contact Hours	42	Course Credits	3

**Course Outcomes (COs):** At the end of the course the student should be able to:

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

<b>Content of Sustainable Development</b>	<b>42Hrs</b>
<b>Unit – I: 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>	3
<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>	6
<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>	6
<b>Practicum:</b> Mini project on impact of development on local environment.	
<b>Unit – II: 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>	3
<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>	4
<b>Chapter - 6: Financing the SDGs</b> <ul style="list-style-type: none"> <li>• Types of financing</li> <li>• New financing mechanisms and global funds</li> </ul>	3
<b>Practicum:</b> Assignments on Progress in attainment of various SDGs in India and her states	

<b>Unit – III: Issues in Implementing SDGs</b>		<b>17</b>
<p><b>Chapter - 7: Means to Realizing the SDGs</b></p> <ul style="list-style-type: none"> <li>• De-growth 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> <p><b>References (indicative):</b></p> <ul style="list-style-type: none"> <li>• Baumol, W.J. and W.E. Oates (1988): The Theory of Environmental Policy (2E), CUP, Cambridge.</li> <li>• Bhattacharya, R.N. (Ed): Environmental Economics: An Indian Perspective, OUP, New Delhi.</li> <li>• Dalby, Simon, et al. Achieving the Sustainable Development Goals: Global Governance Challenges. Routledge, 2019.</li> <li>• 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.</li> <li>• Elliott, Jennifer. An introduction to sustainable development. Routledge, 2012.</li> <li>• Hanley, Shogren and White (1997): Environmental Economics in Theory and Practice, Macmillan.</li> <li>• Kolstad, C.D. (1999): Environmental Economics, OUP, ND.</li> <li>• Pearce, D.W. and R. Turner (1991): Economics of Natural Resource Use and Environment, John Hopkins Press, Baltimore.</li> <li>• Sachs, Jeffrey D. The age of sustainable development. Columbia University Press, 2015</li> <li>• Tietenberg, T. (1994): Environmental Economics and Policy, Harper Collins, NY.</li> </ul>	<p>8</p> <p>5</p> <p>4</p>	

## **BOS Members in Economics (UG)**

<b>Sl.No.</b>	<b>Name &amp; Organization</b>	<b>Designation</b>
1	<p><b>Dr. Ravindra Kumar B</b>            Professor and Chairman            Department of Studies and Research Economics            Tumkur University, Tumkur</p>	Chairperson
2	<p><b>Dr. Venkatachalaiah T</b>            Principal            Government First Grade College            Gubbi</p>	Member

3	<b>Dr. Raja Reddy P</b> Principal Government First Grade College C.S. Pura	Member
4	<b>Dr. Govindu K</b> Associate Professor Government First Grade College Gubbi	Member
5	<b>Dr. Ramesh Saliana</b> Assistant Professor University College of Arts Tumkur University, Tumkur	Member
6	<b>Dr. Vilas M Kadrolkar</b> Professor Department of Studies and Research Economics Tumkur University, Tumkur	Special Invitee
7	<b>Sri M Mahadevu</b> Associate Professor Department of Economics Union Christian College Tumkur	Special Invitee
8	<b>Dr. Neelaknta N. T.</b> Assistant Professor Department of Studies and Research Economics Tumkur University, Tumkur	Special Invitee