

## B.A. Semester – I

**Subject: ECONOMICS**  
**Discipline Specific Course (DSC)**

The course Economics in I semester has two papers (Paper I & II) for 06 credits: Each paper has 03 credits. Both the papers are compulsory. Details of the courses are as under.

### Course No.-1 (Paper No. I)

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course-01	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

Course No.1 (Paper-I): Title of the Course (Paper-I): Basic Economics - I

# 011EC0011

**Course Outcome (CO):**

After completion of course (No.1), students will be able to:

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

Syllabus- Course 1: Title- Basic Economics - I		<b>42 Hrs</b>	
<b>Unit – 1</b>	<b>Basic Concepts in Economics ---</b>	<b>14 Hrs</b>	
	<b>Chapter 1</b>	<b><i>Nature and Scope of Economics</i></b>	5 hrs
		Why Study Economics?	
		Meaning of Economics	
		Nature of Economics	
		Scope of Economics	
		Methods of studying Economics	
	<b>Chapter 2</b>	<b><i>Thinking Like an Economist</i></b>	4 hrs
		Thinking Like an Economist	
		The Economist as Scientist	
		The Economist as Policy Adviser	
		Economic Policy	
	<b>Chapter 3</b>	<b><i>Economic System</i></b>	5 hrs
		Types of Economic Activities	
		Organization of Economic Activities	
		Circular Flow of Economic Activities	

		Evolution of the Present Economic Systems	
<b>Practicum:</b> 1. Group Discussion on Choice Problem; 2. Prepare your assignment on Types of Economic Systems through the word processing software.			
<b>Unit – 2</b>	<b>Demand, Supply and Markets ---</b>		<b>14 hrs</b>
	<b>Chapter 4</b>	<b>Firms and Household</b>	4 hrs
		Meaning of Firm and Household	
		Relationship Between Firm and Household	
		Input Markets	
		Output Markets	
	<b>Chapter 5</b>	<b>Demand, Supply and Markets</b>	5 hrs
		Demand: Meaning, Determinants	
		Law of Demand	
		Supply and its Determinants	
		Law of Supply	
	<b>Chapter 6</b>	<b>Elasticity and its Measurement</b>	5 hrs
		Elasticity of Demand :Meaning	
		Types: Price, Income and Cross Elasticity	
		Measurement of Price Elasticity of Demand: Graphical and Mathematical Method	
		Determinants of Elasticity of Demand	
<b>Practicum:</b> 1. Collect data on sales and prices of any FMCG (Fast Moving Consumer Goods) from a nearby supermarket/Grocery shop and draw a demand and supply chart with the help of spreadsheet software 2. Prepare a report (through word processing software) on your analysis of demand and supply of FMCG. And draw conclusions as to why demand curve slopes downwards and supply curve slopes upwards.			
<b>Unit -3</b>	<b>Production, Cost and Market Structure-----</b>		<b>14 hrs</b>
	<b>Chapter-7</b>	<b>Production</b>	4 hrs
		Production Functions	
		Law of Variable Proportions	
		Concepts of Revenue; TR, AR and MR	
	<b>Chapter 8</b>	<b>Concept of Cost</b>	5 hrs
		Meaning of Cost of Production : Short run and Long run	
		Total Cost, Fixed Cost, Variable Cost,	
		Average Cost, Average Fixed Cost, Average Variable Cost, Marginal Cost	
	<b>Chapter -9</b>	<b>Market Structure</b>	5 hrs
		Markets : Meaning and types	
		Perfect Competition: Meaning and Features	
		Imperfect Competition: Monopoly, Duopoly,	

		Oligopoly and Monopolistic Competition : Meaning and Features	
		Pricing Strategies: Skimming, Penetration, Administered Pricing	
<p><i>Practicum:</i> 1) Prepare a hypothetical table of all types of Production Costs and prepare charts to show the cost curves with the help of spreadsheet software</p> <p>2) With the help of Spreadsheet function, devise formulae to calculate AC, AFC, AVC, MC</p> <p>3) Present your results using slides</p>			

Books recommended.

1. Cohen, A.J. (2020). Macroeconomics for Life: Smart Choices for All? + MyLab Economics with Pearson eText (updated 2nd ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780136716532
2. Cohen, A.J. (2015). Microeconomics for Life: Smart Choices for You + MyLab Economics with Pearson eText (2nd ed.). Toronto, ON: Pearson Canada Inc. Type: Textbook: ISBN: 9780133899368
3. Case Karl E. and Fair Ray C(2014). Principles of Economics, Pearson Education Asia.
4. Mankiw N. Gregory (2013). Principles of Economics, Thomson
5. Stiglitz J.E. and Walsh C.E.(2011), Principles of Economics, W.W. Norton & Co, New York.

## B.A. Semester – I

**Subject: ECONOMICS**  
**Discipline Specific Course (DSC)**

**Course No.-2 (Paper No. II)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course-02	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

Course No.2 (Paper-II): Title of the Course (Paper-II) : Indian Economy -I

**011EC0012**      **Course Outcome (CO):**

After completion of course (No.2), students will be able to:

- CO 1** : Understand the structural changes taking place in Indian Economy
- CO 2** : Identify the factors contributing to the recent growth of the Indian economy
- CO 3** : Understand the current problems of Indian Economy
- CO 4** : Analyze the sector specific policies adopted for achieving the aspirational goals
- CO 5** : Review various economic policies adopted

Syllabus- Course 2: Title- Indian Economy -I		42 Hrs	
Unit – 1	Structural Changes in Indian Economy	--- 14 Hrs	
	<b>Chapter 1</b>	<i>Structural Changes in Indian Economy</i>	5 hrs
		Meaning of Qualitative and Quantitative Changes	
		Estimation of <i>National Income of India</i> :	
		Growth and Trends in National Income of India	
		Composition of NI of India	
		Limitations of measurement of NI	
	<b>Chapter 2</b>	Broad Trends in Population	2 hrs
		Trends in Occupational Distribution of Population	
		Trends in growth of population	
	<b>Chapter 3</b>	Fiscal Trends	3 hrs
		Trends in Tax-GDP ratio	
		Trends in Public Expenditure-GDP ratio	
		Fiscal deficit: Meaning and Trends	
	<b>Chapter 4</b>	Broad Trends in External Sector	2Hrs
		Balance of payments : Meaning and Trends	
		Current account and Capital account: Meaning and Trends	
	<b>Chapter 5</b>	Price Trends	2 Hrs
		Meaning of Inflation, WPI and CPI	

		Trends in Consumer Price Index (CPI) and Wholesale Price Index (WPI)	
<p><b>Practicum:</b></p> <p>1. Collect data from the RBI website regarding 'Sectoral composition of GDP at Basic Price' by clicking here <a href="#">Components of Gross Domestic Product at Factor Cost/ Gross Value Added at Basic Price</a>. In the page that would open, click on 'Sectoral Growth of GDP/GVA'. Using the ' ' icon export the excel file.</p> <p style="text-align: center;">OR</p> <p><u>Click here:</u> and then open "NATIONAL INCOME, SAVING AND EMPLOYMENT".</p> <p>1. Then open serial no. 3 - "Components of Gross Domestic Product at Factor Cost/ Gross Value Added at Basic Price". Now in the page that opens, click on 'Sectoral Growth of GDP/GVA'. Using the ' ' icon export the excel file.</p> <p>2. Prepare charts through spreadsheet software to compare the contribution of different economic activities like agriculture, manufacturing etc. and observe which sector is contributing more to GDP.</p> <p>3. Do you observe structural change in sectors over the period of time? Analyze.</p>			
<b>Unit – 2</b>	<b>Demographic Profile, Poverty and Unemployment</b>		<b>--- 14 hrs</b>
	<b>Chapter 6</b>	<b>Broad Demographic Features</b>	5 hrs
		Demography: Meaning	
		Trends in composition (Age, Sex, Rural-Urban, Literacy) of Population	
		Trends in density	
		Recent Census	
		Concept of demographic dividend	
		Communicable diseases (Covid-19) and their impact on economy	
	<b>Chapter 7</b>	<b>Unemployment</b>	3 Hrs
		Meaning of Labor Force, Work Force, and Unemployment	
		Types of unemployment and Extent	
	<b>Chapter 8</b>	<b>Poverty</b>	4 hrs
		Meaning, Concept of poverty line	
		Measurement and Extent	
		Effects and Measures to tackle poverty (recent schemes of government to be included)	
	<b>Chapter 9</b>	<b>Inequality</b>	2hrs
		Meaning and Extent	
<p><b>Practicum:</b></p> <p>1. Group Discussion: Demographic dividend in the context of rising unemployment and Skill India</p> <p>2. Assignment: Effect of Covid-19 on Indian Economy</p>			
<b>Unit:3</b>	<b>Agriculture in India</b>		<b>----14 Hrs</b>
	<b>Chapter- 10</b>	Classification of Agriculture and allied activities in	5hrs

	System of National Accounts (SNA);	
	Land use and cropping pattern in India	
	Trends in agricultural production	
	Causes of low productivity	
<b>Chapter-11</b>	Agricultural finance	2 hrs
	Sources of Agricultural Finance	
<b>Chapter 12</b>	Agricultural marketing : Features, Defects and Reforms	4hrs
	Agricultural price policy and Minimum support price	
<b>Chapter 13</b>	Agrarian Crisis	3hrs
	Agrarian Reforms: recent schemes of government	
<p>Practicum:</p> <ol style="list-style-type: none"> <li>Step 1. Collect the data on Agricultural Holdings by <a href="#">clicking here</a>. OR copy and paste this link <a href="https://agcensus.dacnet.nic.in/NL/natl1table2.aspx">https://agcensus.dacnet.nic.in/NL/natl1table2.aspx</a></li> <li>Step 2. Save the file to spreadsheet.</li> <li>Step 3. Now with the spreadsheet knowledge, prepare charts to analyse the share of different size of land holdings in number and area.</li> </ol> <ol style="list-style-type: none"> <li>Assignment: Defects and Reforms in Agricultural Marketing</li> </ol>		

#### Books recommended:

- Dutt Ruddar and K.P.M Sundaram: Indian Economy, S Chand & Co. Ltd. New Delhi. Recent Edition
- Mishra S.K & V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House.
- Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation
- Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
- Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi
- Ramesh Singh. Indian Economy, McGraw Hill Education, New Delhi
- Ahluwalia and Little (ed): India's Economic Reforms and Development, OUP
- K. James, (2008), –Glorifying Malthus: Current Debate on Demographic Dividend in India Economic and Political Weekly, June
- Kaushik Basu and A. Maertens, Eds, (2013), The New Oxford Companion to Economics, Oxford University Press.
- Himanshu, (2010), Towards New Poverty Lines for India, Economic and Political Weekly, January,2
- Economic and Political Weekly- 25 Years of Economic Reforms, Various articles, March 4, 2017

#### Websites:

- For size of Indian economy based on PPP basis (2017)  
[http://www.mospi.gov.in/sites/default/files/press\\_release/Press%20Release%20for%20ICP%202017.pdf](http://www.mospi.gov.in/sites/default/files/press_release/Press%20Release%20for%20ICP%202017.pdf)

- For Consumer Price Index number:  
[http://www.mospi.gov.in/sites/default/files/press\\_release/Press%20Release%20for%20ICP%202017.pdf](http://www.mospi.gov.in/sites/default/files/press_release/Press%20Release%20for%20ICP%202017.pdf)
- For data on GDP and National Income of India: <http://mospi.nic.in/data>
- For compiled data till year 2015 on each and every aspect of Indian economy :  
<http://mospi.nic.in/statistical-year-book-india/2015>
- HANDBOOK OF STATISTICS ON INDIAN ECONOMY :  
<https://www.rbi.org.in/scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20Indian%20Economy>
- Economic Survey of India various issues: <https://www.indiabudget.gov.in/economicsurvey/>
- Indian Union Budget : <https://www.indiabudget.gov.in/>
- Data bases relevant to understand Indian Economy : <https://niti.gov.in/content/national-statistics>

## B.A. Semester – I

**Subject: ECONOMICS**  
**Open Elective Course (OEC-1)**  
**(OEC for other students)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
OEC-1	OEC	Theory	03	03	42 hrs	2hrs	40	60	100

OEC-1: Title of the Course: **Contemporary Indian Economy**

# 011EC0051

**Course Outcome (CO):**

After completion of course, students will be able to:

- CO 1 : Trace the evolution of Indian Economy
- CO 2 : Identify the structural features and constraints of Indian Economy
- CO 3 : Analyze the sector specific problems and contributions towards overall economic growth
- CO 4 : Understand the challenges faced by Indian Economy
- CO 5 : Policy responses to the various challenges faced by Indian economy

Syllabus- OEC: Title- Contemporary Indian Economy		42 Hrs
<b>Unit – 1</b>	<b>India as Emerging Economic Giant ----- 14 Hrs</b>	
	<b>Chapter 1</b> <i>India's Growth Story</i>	5 hrs
	a) Concepts of GDP, GNP/GNI, GVA, NDP, NNP, NI and Per-Capita Income; Current and Constant Prices.	
	b) Trends in size and growth of National Income	
	c) India: Fastest growing nation: Reasons	
	d) Reasons for initial slow growth	
	e) Recent slowdown: Reasons	
	<b>Chapter 2</b> <i>Whither India's Development</i>	5 hrs
	India's position in development: measured through	
	a) Gross National Income(GNI)	
	b) Per-capita Income (PCI)	
	c) Human Development Index (HDI)	
	d) Sustainable Development Goals (SDGs)	
	<i>Note: India's position should be compared with some developed, developing and its neighboring countries</i>	
	<b>Chapter 3</b> <i>Investment Destination, that is, India!</i>	4 hrs
	a) Concept of FDI and FII	

		b) FDI and FII inflows in India	
		c) Growth of MNCs in India	
		d) Ease of Doing Business	
		e) Make in India	
Practicum : 1) Debate: Is India an Emerging Economy? 2) Assignment: Growth of MNCs			
<b>Unit – 2</b>	<b>Challenges of Indian Economy</b>		<b>----- 14 hrs</b>
	<b>Chapter 4</b>	<b>Population</b>	5 hrs
		a) Recent Census: features	
		b) Size and Growth of population in India : Trends and Comparison	
		c) Theory of demographic transition as applied to India	
		d) Demographic Dividend; Effect of rapid growth of population	
		e) Communicable diseases(Covid-19) and their impact on economy	
	<b>Chapter 5</b>	<b>Unemployment</b>	4 Hrs
		Meaning of	
		a) Labor Force	
		b) Work Force	
		c) Unemployment	
		a) Types of unemployment	
		b) Measurement concepts	
		c) Extent	
	<b>Chapter 6</b>	<b>Poverty</b>	5 hrs
		a) Meaning of poverty	
		b) Concept of poverty line	
		c) Measurement of poverty line: Consumption Expenditure and Calorie intake	
		d) Estimate of poverty line:	
		i) World Bank Estimate	
		ii) Recent estimate by planning commission	
		iii) Suresh Tendulkar Committee Estimate	
		iv) C Rangarajan committee Estimate	
		v) Earlier Estimates	
		e) Causes, Effects and Measures to tackle poverty (recent schemes of government to be included)	
Practicum:			
1) Group discussion: Has poverty reduced? What are the ways to reduce poverty? Suggest your measures			
2) Assignment: Measurement of Unemployment OR Assess the impact of Covid-19 on Indian Economy			
<b>Unit:3</b>	<b>Macroeconomic Indicators- Pulse of Indian Economy</b>		<b>----14 Hrs</b>

<b>Chapter-7</b>	<b>Prices</b>	5hrs
	a) Inflation: Meaning	
	b) Types: Core Inflation, Headline Inflation, Hyper Inflation, Stagflation, Built-in Inflation, Demand Pull and Cost push inflation, Mild or Healthy Inflation	
	c) Wholesale Price Index: Composition and trends	
<b>Chapter-8</b>	<b>Fiscal Indicators</b>	3 hrs
	a) Fiscal deficit : Meaning	
	b) Trends in Fiscal deficit	
	c) FRBM act	
<b>Chapter -9</b>	<b>External Sector indicators</b>	6 hrs
	a) Meaning : Exports, Imports and Trade Balance	
	b) Volume of Exports and Imports	
	c) Composition of Foreign Trade	
	d) Direction of Foreign Trade	
	e) Meaning: Current Account, Capital Account and Balance of Payments (BoP),	
	f) Trends: BoP and Current Account	
	g) Exchange Rate: Meaning	
Practicum :1) Seminar: Analyse the Trends in CPI and suggest measures to control inflation 2) Assignment: Composition and Direction of foreign trade		

**Books recommended:**

1. Dutt Ruddar and K.P.M Sundaram: Indian Economy, S Chand & Co. Ltd. New Delhi. Recent Edition
2. Mishra S.K & V.K Puri (2001) "Indian Economy and –Its development experience", Himalaya Publishing House.
3. Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation
4. Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
5. Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi
6. Ramesh Singh. Indian Economy, McGraw Hill Education, New Delhi
7. Ahluwalia and Little (ed): India's Economic Reforms and Development, OUP
8. K. James,( 2008), —Glorifying Malthus: Current Debate on Demographic Dividend in India Economic and Political Weekly, June
9. Kaushik Basu and A. Maertens, Eds,( 2013), The New Oxford Companion to Economics, Oxford University Press.
10. Himanshu, (2010), Towards New Poverty Lines for India, Economic and Political Weekly, January,2
11. Economic and Political Weekly- 25 Years of Economic Reforms, Various articles, March 4, 2017

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**Websites:**

1. For size of Indian economy based on PPP basis (2017)  
[http://www.mospi.gov.in/sites/default/files/press\\_release/Press%20Release%20for%20ICP%202017.pdf](http://www.mospi.gov.in/sites/default/files/press_release/Press%20Release%20for%20ICP%202017.pdf)
2. For Consumer Price Index number:  
[http://www.mospi.gov.in/sites/default/files/press\\_release/Press%20Release%20for%20ICP%202017.pdf](http://www.mospi.gov.in/sites/default/files/press_release/Press%20Release%20for%20ICP%202017.pdf)
3. For data on GDP and National Income of India: <http://mospi.nic.in/data>
4. For compiled data till year 2015 on each and every aspect of Indian economy : <http://mospi.nic.in/statistical-year-book-india/2015>
5. HANDBOOK OF STATISTICS ON INDIAN ECONOMY :  
<https://www.rbi.org.in/scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20India%20Economy>
6. Economic Survey of India various issues: <https://www.indiabudget.gov.in/economicsurvey/>
7. Indian Union Budget : <https://www.indiabudget.gov.in/>
8. Data bases relevant to understand Indian Economy : <https://niti.gov.in/content/national-statistics>

## B.A. Semester – II

**Subject: ECONOMICS**  
**Discipline Specific Course (DSC)**

The course Economics in II semester has two papers (Paper I & II) for 06 credits: Each paper has 03 credits. Both the papers are compulsory. Details of the courses are as under.

### Course No.-3 (Paper No. I)

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course-03	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

Course No.3 (Paper-I): Title of the Course (Paper-I): **Basic Economics II**

## 012EC0011 Course Outcome (CO):

After completion of course (No.3), students will be able to:

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

Syllabus- Course 3: Basic Economics –II		Total Hrs: 42
<b>Unit-I</b>	<b>Macroeconomic Concepts and Relationships</b>	<b>14 hrs</b>
	<b>Chapter 1</b>	<b>National Income</b>
		Introduction to National Income Accounting
		Circular Flow of Income
		Concepts of GDP, GNP, GVA and National income
		Approaches to calculating GDP, personal income, Nominal and real
		Limitations
	<b>Chapter 2</b>	<b>Economic Growth and Development</b>
		Meaning and Differences
		Measuring Development: National Income, PCI, HDI
		HDI - Meaning, Components, Estimation
		Sustainable Development Goals (SDGs)
	<b>Chapter 3</b>	<b>Monetary economy</b>
		Money: Meaning and Functions
		The demand for money
		The supply of money and overall liquidity position
	Credit creation	
<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		
<b>Unit-II</b>	<b>Macroeconomic challenges</b>		<b>14 hrs</b>
	<b>Chapter 4</b>	<b>Inflation</b>	<b>8</b>
		Meaning and Types	
		Causes of inflation	
		Calculating inflation	
		Impact of inflation	
		<b>Business Cycles :</b>	
		Meaning, Phases and Policy intervention to control Business Cycle	
	<b>Chapter 5</b>	<b>Monetary Policy</b>	<b>3</b>
		Objectives	
		Instruments	
	<b>Chapter 6</b>	<b>Fiscal Policy</b>	<b>3</b>
		Objectives	
		Instruments	
	<b>Practicum:</b> 1. Reviewing the monetary policy of RBI; 2. Group Discussion: Budget		
<b>Unit-III</b>	<b>External Sector</b>		<b>14 hrs</b>
	<b>Chapter 7</b>	<b>International Trade</b>	<b>9</b>
		Basis for trade—absolute advantage and comparative advantage,	
		Exchange rates : meaning, types and determination	
		Trade Barriers-tariffs, subsidies and quotas	
		Balance of Payments-The current and capital account	
	<b>Chapter 8</b>	<b>International Institutions</b>	<b>5</b>
		World Bank - Objectives and Functions	
		IMF – Objective and Functions	
		WTO – Evolution, Objectives, Functions, Issues.	
	<b>Practicum:</b> 1) Group Discussion: Why International trade takes place? 2) Discuss India’s latest Balance of Payment		

Books recommended.

1. 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
2. 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
3. Case Karl E. and Fair Ray C(2014), Principles of Economics, Pearson Education Asia.
4. Mankiw N. Gregory(2013), Principles of Economics, Thomson, 2013.
5. Stiglitz J.E. and Walsh C.E (2011), Principles of Economics, W.W. Norton & Co, New York.

## B.A. Semester – II

**Subject: Indian Economy –II  
Discipline Specific Course (DSC)**

**Course No.-4 (Paper No. II)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course-04	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

Course No.4 (Paper-II): Title of the Course (Paper-II) : **Indian Economy –II**

### **012EC0012** Course Outcome (CO):

After completion of course (No.4), students will be able to:

- CO 1** Understand and comprehend the role of industrial policies in the evolution of industrial structure in India
- CO 2** Comprehend the scope, role and trends in service sector in the Indian economy
- CO 3** Analyze the Union budget
- CO 4** Capture the significance of external sector by examining the trends in the sector
- CO 5** Appreciate the measures of neo-liberal economic policies and the likely impact on the Indian economy
- CO 6** Understand the recent government policies and their likely impact on the economy

Syllabus Course 4: Indian Economy –II (C4)		42 Hrs
<b>Unit – 1</b>	<b>Industry and Service sectors</b>	<b>---- 14 Hrs</b>
	<b>Chapter 1 Industries and Industrial Policy</b>	4 hrs
	a) Classification of Industries	
	b) Industrial Policy of 1956	
	c) Industrial Policy of 1991	
	d) Snapshot of large scale industries in India	
	<b>Chapter 2 MSMEs:</b>	5hrs
	a) Role in Indian Economic development	
	b) Problems	
	c) Govt measures to promote MSMEs	
	d) Globalisation and MSMEs	
	<b>Chapter 3 Service Sector</b>	4hrs
	a) Service sector: Classification in System of National Accounts (SNA)	
	b) Composition of service sector	
	c) Trends in composition of service sector	
<b>Practicum:</b> 1) Group Discussion: Impact of globalization on MSMEs		

2) Assignment: Discuss the composition of service sector of Indian Economy			
<b>Unit – 2</b>	<b>Fiscal and External Sector</b>	<b>-----14 Hrs</b>	
	<b>Chapter 4</b>	<b>Fiscal Sector</b>	5 hrs
		a) Structure of Budget	
		b) Composition of Budget	
		c) Recent Union Budget	
	<b>Chapter 5</b>	<b>External Sector</b>	5Hrs
		a) Volume of Foreign Trade	
		b) Composition (Export-Import)	
		c) Direction of India's International Trade(Exports and Imports)	
	<b>Chapter 6</b>	<b>India's Foreign Investment</b>	4 hrs
		a) FII,FDI and OFDI	
		b) Trends in Foreign Investment	
		c) India's Foreign Investment Policy	
<b>Practicum:</b>			
1) Project: Analyse the recent trends in foreign trade			
2) Group Discussion: Union Budget			
<b>Unit:3</b>	<b>Structural Reforms in Indian Economy</b>	<b>----14 Hrs</b>	
	<b>Chapter- 7</b>	<b>New Economic Policy</b>	5hrs
		a) New Economic Policy :Structural Adjustment Programme ( Liberalisation, Privatisation, Globalisation)	
		b) New Economic Policy: Macroeconomic Stabilization programme	
		c) NITI Ayog: Organisation and Role	
	<b>Chapter-8</b>	<b>Sectoral reforms</b>	4hrs
		a) Banking Sector	
		b) Fiscal Sector	
		c) External Sector	
	<b>Chapter 9</b>	<b>Recent Government Policies</b>	5 hrs
		a) Skill India	
		b) Start up	
		c) Make in India	
		d) Atmanirbhar Bharat	
		e) Smart City	
	f) National Monetization Pipeline		
	<b>Practicum:</b>		
	1) Seminar / Presentation: Take up any recent policy listed in chapter 9 and discuss the features/performance of that policy/scheme		
	2) Classroom Debate: Has Economic Reforms yielded intended results?		

### **Books recommended.**

1. Dutt Ruddar and K.P.M Sundaram: Indian Economy, S Chand & Co. Ltd. New Delhi. Recent Edition
2. Mishra S.K & V.K Puri (2001) "Indian Economy and -Its development experience", Himalaya Publishing House.
3. Kapila Uma: Indian Economy: Policies and Performances, Academic Foundation
4. Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
5. Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi
6. Ramesh Singh. Indian Economy, McGraw Hill Education, New Delhi
7. Ahluwalia and Little (ed): India's Economic Reforms and Development, OUP
8. K. James, (2008), -Glorifying Malthus: Current Debate on Demographic Dividend in India Economic and Political Weekly, June
9. Kaushik Basu and A. Maertens, Eds, (2013), The New Oxford Companion to Economics, Oxford University Press.
10. Himanshu,( 2010), Towards New Poverty Lines for India, Economic and Political Weekly, January,2
11. Economic and Political Weekly- 25 Years of Economic Reforms, Various articles, March 4, 2017

### **Websites:**

1. For size of Indian economy based on PPP basis (2017)  
[http://www.mospi.gov.in/sites/default/files/press\\_release/Press%20Release%20for%20ICP%202017.pdf](http://www.mospi.gov.in/sites/default/files/press_release/Press%20Release%20for%20ICP%202017.pdf)
  2. For Consumer Price Index number:  
[http://www.mospi.gov.in/sites/default/files/press\\_release/Press%20Release%20for%20ICP%202017.pdf](http://www.mospi.gov.in/sites/default/files/press_release/Press%20Release%20for%20ICP%202017.pdf)
  3. For data on GDP and National Income of India: <http://mospi.nic.in/data>
  4. For compiled data till year 2015 on each and every aspect of Indian economy :  
<http://mospi.nic.in/statistical-year-book-india/2015>
  5. HANDBOOK OF STATISTICS ON INDIAN ECONOMY :  
<https://www.rbi.org.in/scripts/AnnualPublications.aspx?head=Handbook%20of%20Statistics%20on%20Indian%20Economy>
  6. Economic Survey of India various issues: <https://www.indiabudget.gov.in/economicsurvey/>
  7. Indian Union Budget : <https://www.indiabudget.gov.in/>
  8. Data bases relevant to understand Indian Economy : <https://niti.gov.in/content/national-statistics>
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## B.A. Semester – II

**Subject: Basic Micro Economics  
Open Elective Course (OEC-2)  
(OEC for other students)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
OEC-2	OEC	Theory	03	03	42 hrs	2hrs	40	60	100

OEC-2: Title of the Course **Basic Micro Economics**

### **002EC0051** Course Outcome (CO):

After completion of course, students will be able to:

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

Syllabus- OEC 2: Title- Basic Micro Economics		42 Hrs
<b>Unit – 1</b>	<b>Basic Concepts in Economics ---- 14 Hrs</b>	
	<b>Chapter 1</b>	<b><i>Nature and Scope of Economics</i></b> 5 hrs
		Why Study Economics?
		Meaning of Economics
		Nature of Economics
		Scope of Economics
		Methods of Economics
	<b>Chapter 2</b>	<b><i>Thinking Like an Economist</i></b> 4 hrs
		Thinking Like an Economist
		The Economist as Scientist
		The Economist as Policy Adviser
		Economic Policy
	<b>Chapter 3</b>	<b><i>Economic System</i></b> 5 hrs
		Types of Economic Activities
		Organization of Economic Activities
		Circular Flow of Economic Activities
Evolution of the Present Economic Systems		

<b>Practicum:</b> 1. Group Discussions on Choice Problem 2. Assignment on Types of Economic Systems			
<b>Unit – 2</b>	<b>Demand, Supply and Markets --- 14 hrs</b>		
	<b>Chapter 4</b>	<b>Firms and Household</b>	4 hrs
		Meaning of Firms and Household	
		Relationship Between Firms and Household	
		Input Markets	
		Output Markets	
	<b>Chapter 5</b>	<b>Demand, Supply and Markets</b>	5 hrs
		Demand: Meaning, Determinants	
		Law of Demand	
		Supply and its Determinants	
		Law of Supply	
		Market Equilibrium	
	<b>Chapter 6</b>	<b>Elasticity and its Measurement</b>	5 hrs
		Elasticity of Demand :Meaning	
		Types: Price, Income and Cross Elasticity	
		Measurement of Price Elasticity of Demand: Graphical and Mathematical Method	
Determinants of Elasticity of Demand			
<b>Practicum:</b> 1. Estimation of demand and supply elasticity 2. Solving an equilibrium problem			
<b>Unit -3</b>	<b>Production, Cost and Market Structure-----14 hrs</b>		
	<b>Chapter- 7</b>	<b>Production</b>	4 hrs
		Production Functions	
		Law of Variable Proportions	
		Concepts of Revenue; TR, AR and MR	
	<b>Chapter 8</b>	<b>Concept of Cost</b>	5 hrs
		Meaning of Cost of Production : short run and Long run	
		Total Cost, Fixed Costs, Variable Costs,	
		Average Cost, Average Fixed Cost, Average Variable Cost, Marginal Cost,	
	<b>Chapter -9</b>	<b>Market Structure</b>	5 hrs
		Markets : meaning and types	
		Perfect Competition: Meaning and Features	
		Imperfect Competition: Monopoly, Duopoly, Oligopoly and Monopolistic Competition : Meaning and Features	
		Pricing Strategies: Skimming, Penetration, Administered Pricing	

**Books recommended.**

1. 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
2. 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
3. Case Karl E. and Fair Ray C(2014). Principles of Economics, Pearson Education Asia.
4. Mankiw N. Gregory. Principles of Economics, Thomson, 2013.
5. Stiglitz J.E. and Walsh C.E(2011), Principles of Economics, W.W. Norton & Co, New York.

**Details of Formative assessment (IA) for DSCC/OEC/SEC: 40% weight age for total marks**

Type of Assessment	Weight age	Duration	Commencement
Written test-1	10%	1 hr	8 <sup>th</sup> Week
Written test-2	10%	1 hr	12 <sup>th</sup> Week
Seminar	10%	10 minutes	--
Case study / Assignment / Field work / Project work/ Activity	10%	-----	--
Total	40% of the maximum marks allotted for the paper		

**Faculty of Social Science  
04 - Year UG Honors programme:2021-22**

**GENERAL PATTERN OF THEORY QUESTION PAPER FOR DSCC/ OEC  
(60 marks for semester end Examination with 2 hrs duration)**

**Part-A**

1. Question number 1-06 carries 2 marks each. Answer any 05 questions : 10marks

**Part-B**

2. Question number 07- 11 carries 05Marks each. Answer any 04 questions : 20 marks

**Part-C**

3. Question number 12-15 carries 10 Marks each. Answer any 03 questions : 30 marks

(Minimum 1 question from each unit and 10 marks question may have sub questions for 7+3 or 6+4 or 5+5 if necessary)

**Total: 60 Marks**

## B.A. Semester – III

### Subject: ECONOMICS Discipline Specific Course (DSC)

The course Economics in III semester has two papers (Paper I & II) for 06 credits: Each paper has 03 credits. Both the papers are compulsory. Details of the courses are as under.

#### Course No.-5 (Paper No. I)

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course No.5	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

#### Course No.5 (Paper-I):

**Title of the Course (Paper-I): Intermediate Micro Economics (Code: 013ECO011)**

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

- CO1:** Understand introductory economic concepts.
- CO2:** Know the ordinal measurement of utility and be able to understand decision making process of consumer
- CO 3:** Understand and explain the production function graphically and analytically
- CO3:** Be able to understand a cost equation and estimate it
- CO4:** Explain how equilibrium is achieved in the various market models.
- CO5:** Recognize the basic concepts of factor incomes

Syllabus- Course 5: Title- Intermediate Micro Economics		42 Hrs
<b>Unit 1</b>	<b>Basics of Microeconomics</b>	<b>14 hours</b>
	<b>Chapter 1</b> <b>Some Concepts of Microeconomics</b> Scarcity and Choice; Opportunity cost; Production possibility frontier; Price mechanism v/s state intervention Types of Goods (Free Goods, Economic Goods, Public and Private goods, Common Property Resources, Club goods).	6 hrs
	<b>Chapter 2</b> <b>Chapter:2 Consumption decision:</b> Indifference curves – Meaning and Properties; budget constraint; Consumer’s Equilibrium; Price, income and substitution effects; Derivation of Demand Curve from Indifference Curves; Revealed Preference Theory; Choice between leisure and income.	8 hrs

<b>Practicum:</b>			
<ul style="list-style-type: none"> <li>➤ Prepare assignment on Consumer's equilibrium through indifference curve analysis</li> <li>➤ Seminar on Concepts of Micro Economics</li> <li>➤ Conducting a consumer survey to understand their tastes and preferences</li> </ul>			
<b>Unit -2:</b>	<b>Production and Costs</b>		<b>14 hours</b>
	<b>Chapter 3</b>	<b>The Firms:</b> Concept of firm and Industry; Production Function with Two variable inputs: Properties of Isoquant, isocost line and least cost combination of inputs; Production function with all variable inputs (Returns to Scale); Features of Cobb-Douglas Production Function	8 hrs
	<b>Chapter 4</b>	<b>Cost of Production:</b> Cost function and estimation: Linear and Non-Linear (cubic and quadratic) and applications ; Economies and Diseconomies of scale	6 hrs
<b>Practicum:</b>			
<ul style="list-style-type: none"> <li>➤ Group Discussion on Economies and Diseconomies of scale</li> <li>➤ Project work on cost functions and cost estimations</li> </ul>			
<b>Unit -3:</b>	<b>Price Determination of products and factors</b>		<b>14 hours</b>
	<b>Chapter 5</b>	<b>The Markets -I:</b> Perfect Competition: Price determination of an industry under different time periods and equilibrium of firm under short run and long run; (some numerical exercises) Monopoly pricing and price discrimination; (some numerical exercises)	4 hrs
	<b>Chapter 6</b>	<b>The Markets-II:</b> Pricing under Monopolistic Competition; equilibrium of firm under product differentiation and selling costs; Oligopoly – Interdependence and price rigidity, Collusive (Cartels and Price leadership) and non-collusive oligopoly (Cournot model); Elements of Game theory (players, strategy, Payoff matrix)	5 hrs
	<b>Chapter 7</b>	<b>The Inputs (Factors)</b> Functional and Personal Income; Marginal Productivity Theory of Distribution; Modern theory of distribution; Concepts related to rent, wage, interest and profit.	5 hrs
<b>Practicum:</b>			
<ul style="list-style-type: none"> <li>➤ Conducting Market Survey to identify the nature and features of markets for different goods/services</li> <li>➤ Understanding distribution of national income as factor incomes</li> </ul>			

References	
1	Ahuja, H.L. (2008): <i>Principles of Microeconomics</i> , S. Chand and Co., New Delhi
2	Mankiw, N. Gregory (2020). <i>Principles of Economics</i> (Ninth ed.). Boston, MA.
3	Jhingan, M.L. (2016): <i>Microeconomics</i> , Vrinda Publications, New Delhi
4	Koutsoyianis, A (1979): <i>Modern Microeconomics</i> , London, Macmillan
5	Omkarnath, G. (2012): <i>Economics: A Primer for India</i> , Orient Blackswan, Hyderabad
6	Samuelson, Paul (2004): <i>Economics</i> , McGraw-Hill, New Delhi
7	Krishnaiahgouda H.R. (2020): <i>Sookshma Arthashastra</i> (Kannada medium) Sapna Book House, Bengaluru
8	<a href="https://www.core-econ.org/the-economy/book/text/0-3-contents.html">https://www.core-econ.org/the-economy/book/text/0-3-contents.html</a>
9	Somashekhar Ne. Thi., <i>Sookshma Arthashastra</i> (Kannada medium), Sidhlingeshwara Prakashana, Kalburgi.
10	Varshney R L and Maheswari K L (2021): <i>Managerial Economics</i> , Sultan Chand and Sons, New Delhi

Pedagogy: Lecture, Problem solving, seminar, presentation, activities, group discussion, field visit, project work, etc.,

## B.A. Semester – III

### Subject: ECONOMICS Discipline Specific Course (DSC)

#### Course No.-6 (Paper No. II)

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course No.6	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

#### Course No.6 (Paper-II):

#### Title of the Course (Paper-II): Quantitative Methods for Economics-I

(Code: 013EC0012)

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

**CO1:** Perform basic operations in Sets and functions and Matrix algebra.

**CO2:** Calculate limits, derivatives of Economic functions and identify the nature of relationship.

**CO3:** Calculate maxima and minima of function

Syllabus- Course 6: Title- Quantitative Methods for Economics-I			42 Hrs
<b>Unit 1</b>	<b>Preliminaries</b>		<b>14 hours</b>
	<b>Chapter 1</b>	<b>Introduction to Mathematical Economics:</b> Nature and scope of mathematical economics- Role of mathematics in economic theory	3 hrs
	<b>Chapter 2</b>	<b>Number system and Set theory:</b> Types of Numbers: Natural Number, Real number, integers, Ratios and Proportions; Concepts of sets- meaning –types- union of sets- Intersection of sets.	6 hrs
	<b>Chapter 3</b>	<b>Functions:</b> Meaning and types of Variables, Constants and Functions; Linear and Non-linear Functions; Quadratic, Polynomial, Logarithmic and Exponential functions	5 hrs
<b>Unit 2</b>	<b>Economic Functions, their Application and Matrices</b>		<b>14 hours</b>
	<b>Chapter 4</b>	<b>Applications of functions- I</b> Demand Function, Supply function, Graph of Economic Functions, Market equilibrium; Equilibrium price and Quantity, Impact of specific tax and subsidy on market	6 hrs
	<b>Chapter 5</b>	<b>Applications of Functions -II</b> Simple interest, Compound Interest and discounting the future (exponential function), equilibrium	2 hrs

	<b>Chapter 6</b>	<b>Matrices:</b> Definition and Types of Matrices- Matrix Operations: Addition, Subtraction and Multiplication, Transpose of a Matrix, Determinants of Matrix	6 hrs
<b>Unit 3</b>	<b>Differential Calculus and Its Applications</b>		<b>14 Hrs</b>
	<b>Chapter 7</b>	<b>Limits:</b> Limits of functions, differentiation, rules of differentiation.	4 hrs
	<b>Chapter 8</b>	<b>Derivatives of Economic functions:</b> Derivation of Marginal functions from total function- Utility, Production, Cost, Revenue and Profit functions	5hrs
	<b>Chapter 9</b>	<b>Applications of Derivatives and Higher order derivatives:</b> Elasticity of Demand- <b>Second order derivatives</b> - Maxima and Minima of Economic function.	5hrs

<b>References</b>	
1	Chiang, A. C. and Wainwright, K., "Fundamental Methods of Mathematical Economics", McGraw-Hill/Irwin, 4th Edition, 2005.
2	Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4th Edition, 2002.
3	Allen R.G.D., (2015) Mathematical Analysis for Economists, Macmillan.
4	Bose D., (2003) An Introduction of Mathematical Economics, Himalaya Publishing House, Mumbai.
5	Dowling, E. T., "Introduction to Mathematical Economics", McGraw-Hill, 2001.
6	Hoy, M., Livernois, J. McKenna, C, Rees, R. and Stengos, T., "Mathematics for Economics", MIT Press, 3rd Edition, 2011
7	Veerachamy R (2005) Quantitative Methods for Economics, New Age International Publishers Private Ltd. New Delhi.
8	Yamane Taro, (2002) Mathematics for Economists -An Implementer Analysis, Phi Learning Publishers.
9	S. N. Yogish, Mathematical methods for Economists- Mangaldeep publications, Jaipur.
10	G M Dinesh and K N Muralidhar (2019), arthashatrakkagi ganitashaastra mattu sankhyashaastra (kannada medium), Mysore Book House Pub, Mysore
11	Krishnaiah Gowda H R, Vedamurth. G and Parashivamurthy. H L, (2016), Ganitatmaka mattu sankhyatmaka Arthashaastra (Kannada medium), Vidyanidhi Prakashana, Gadag

**B.A. Semester – III**  
**Subject: ECONOMICS**  
**Open Elective Course (OEC 3) : OEC Course :**  
**Macro Economics**  
**(Code: 003ECO051)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
OEC-3	OEC	Theory	03	03	42 hrs	2hrs	40	60	100

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

- CO1: understand and explain the estimation of national income
- CO2: comprehend the idea of value of money and its measurement
- CO 3: appreciate the classical and Keynesian way of national income determination
- CO 4: understand and explain the concepts of multiplier and accelerator
- CO 5: explain the working of business cycles

<b>Syllabus- Course OEC 3: Title- Macro Economics</b>			<b>42 Hrs</b>
<b>Unit 1</b>	National Income and Money		<b>14 hours</b>
	<b>Chapter 1</b>	Macroeconomics: Meaning, nature and scope	3hrs
	<b>Chapter 2</b>	National Income : 1) Circular Flow of Income (four sector model) 2) Methods of estimation of National Income 3) Limitations	4hrs
	<b>Chapter 3</b>	Value of Money: a) Measurement of value of money: construction of consumer price index number; difficulties b) Components of money supply (of RBI) c) Demand for Money : Classical and Keynesian view d) Quantity theory of money i. Fisherian approach ii. Cambridge approach (Marshall's equation)	7hrs
<b>Practicum:</b>			
a) Prepare an assignment on circular flow of Income			
b) Work out numerical exercises on price index number			

<b>Unit 2</b>	<b>Theory of Income Determination</b>		<b>14 hours</b>
	<b>Chapter 4</b>	a) The Classical view: Features; Say's Law; wage-price flexibility b) Keynesian theory of income and employment	6hrs
	<b>Chapter 5</b>	a) Consumption Function: b) Psychological law of consumption c) Determinants of consumption function	4hrs
	<b>Chapter 6</b>	a) Investment function: Autonomous and Induced b) Determinants of Investment function : rate of interest and marginal efficiency of capital (MEC) c) Factors influencing MEC	4hrs
<b>Practicum:</b>			
<ul style="list-style-type: none"> <li>• Seminar: Psychological law of consumption</li> <li>• Activity: Calculating MEC numerically taking a hypothetical example</li> </ul>			
<b>Unit 3</b>	<b>Theory of Business Cycles</b>		<b>14 hours</b>
	<b>Chapter 7</b>	Multiplier: Meaning, working, leakages	3 hrs
	<b>Chapter 8</b>	Accelerator: Meaning and working	3 hrs
	<b>Chapter 9</b>	Inflation: Causes and Effects; Business Cycles: Meaning, Features, Phases and Control	8 hrs
<b>Practicum:</b>			
<b>Group discussion: Recent global recession</b>			
<b>Assignment: Prepare an assignment on causes and effects of inflation</b>			

Pedagogy: Lecture, Problem solving, seminar, presentation, activities, group discussion, field visit, project work, etc.,

**B.A. Semester – IV**

**Subject: ECONOMICS**  
**Discipline Specific Course (DSC)**

The course Economics in IV semester has two papers (Paper I & II) for 06 credits: Each paper has 03 credits. Both the papers are compulsory. Details of the courses are as under.

**Course No.-7 (Paper No. I)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
<b>Course No.7</b>	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

**Course No.7 (Paper-I):**

**Title of the Course (Paper-I): Intermediate Macro Economics**

**(Code: 014ECO011)**

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

- CO1: Comprehend and explain the classical theory of employment
- CO2: Understand the Theories of Determination of National Income
- CO3: Explain the working of multiplier and accelerator in national income determination
- CO 4: Understand and explain the tradeoff between inflation and unemployment
- CO 5: Workout numerical problems regarding consumption function, investment function and value of money

<b>Syllabus- Course 7: Title- Intermediate Macro Economics</b>		<b>42 Hrs</b>
<b>Unit 1</b>	<b>Theory of National Income Determination</b>	<b>14 hrs</b>
	<b>Chapter 1</b> <b>Classical Framework:</b> 1. Typical Features of classical theory of employment; Assumptions 2. Basis of Classical theory: Say's Law Pigou's wage price flexibility Fisher's Quantity theory of money Knut Wicksell's loanable funds theory Classical dichotomy and neutrality of money 3. Criticism of classical theory	<b>7 hrs</b>

	<b>Chapter 2</b>	<b>The Keynesian Framework</b> 1. Introductory: connecting growth of national income to development; why incomes of all fall or rise? Are income, output, and employment related? 2. Some Basic concepts: The idea of equilibrium and identity; ex- ante and ex-post concepts. 3. Aggregate Demand and its components a. Consumption function: Marginal and Average propensity to consume: Algebraic and Graphical explanation; b. Investment function; savings and investment relationship. 4. Aggregate Supply: Meaning and graphical explanation; 5. Effective demand; Determination of national income in Keynes' two sector economy with Aggregate Demand and Aggregate Supply with fixed prices: Analytical /Graphical and algebraic explanation; numerical problems 6. Determination of national income in Keynes' two sector economy with investment and savings with fixed prices: Analytical /Graphical and algebraic explanation; numerical problems	7 hrs
	Practicum:	1) Prepare an assignment on Income and Employment determination of Keynes 2) Seminar on features of classical theory of employment	
<b>Unit 2</b>	<b>Aggregate Consumption and Investment</b>		14 hrs
	<b>Chapter 3</b>	<b>Theories of Determinants of Consumption:</b> 1. Keynesian Psychological Law of consumption; determinants 2. Permanent Income hypothesis of Milton Friedman	5 hrs
	<b>Chapter 4</b>	<b>Investment:</b> 1. Types of investment 2. Determinants of investment: a. rate of interest b. marginal efficiency of capital: meaning and determinants;	4 hrs
	<b>Chapter 5</b>	<b>Concepts of Multiplier and Accelerator</b> 1. Investment Multiplier: Meaning , process of working and leakages; 2. Accelerator : Meaning and working 3. Interaction of Multiplier and Accelerator	5 hrs
	Practicum	1) Activity: Solve problems on consumption function multiplier and MEC 2) Prepare a write-up on working of multiplier and accelerator	

<b>Unit 3</b>	<b>Monetary Economics</b>		14 hrs
	<b>Chapter 6</b>	<b>Demand for and Supply of Money</b> 1. Quantity theory of Money a) Cash transactions approach b) Cambridge approach c) Comparison of the two approaches	7 hrs
	<b>Chapter 7</b>	<b>Inflation and Unemployment:</b> a) The tradeoff: Phillips curve b) Adaptive expectations model of Friedman c) Rational Expectations Model of Robert Lucas	7 hrs
	Practicum	1) Numerical exercises with regard to cash transaction and cash balance approaches 2) Discussion on short run and long run Phillips curve	

References	
1	Ackley, G. (1976), Macroeconomics: Theory and Policy, Macmillan Publishing Company, New York.
2	Ahuja H (2016), Macro Economics- theory and policy, S Chand and Co
3	Dwivedi DN (2016) Macro Economics: Theory and Policy, Tata McGraw-Hill
4	Heijdra, B.J. and F.V. Ploeg (2001), Foundations of Modern macroeconomics, Oxford University Press, Oxford.
5	Keynes, J.M. (1936), The General theory of Employment, Interest and Money, Macmillan, London.
6	Lucas, R. (1981), Studies in Business Cycle Theory, MIT Press, Cambridge, Massachusetts
7	Somashekar Ne. Thi., Principles of Macroeconomics, Scientific International Pvt. Ltd., Publications New Delhi
8	Somashekar Ne. Thi., Samagra Arthashastra (kannada medium), Siddalingeshwara prakashana, Kalburgi.
9	H. R. Krishnaiah Gowda Samagra Arthashastra (kannada medium), Mysore book house prakashana, Mysore.

Pedagogy: Lecture, Problem solving, seminar, presentation, activities, group discussion, field visit, project work, etc.,

## B.A. Semester – IV

### Subject: ECONOMICS Discipline Specific Course (DSC)

#### Course No.-8 (Paper No. II)

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
Course No.8	DSCC	Theory	03	03	42 hrs	2hrs	40	60	100

#### Course No.8 (Paper-II):

**Title of the Course (Paper-II): Quantitative methods for Economics –II**

**(Code: 014ECO012)**

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

CO1: Understand the nature of Data and their presentation

CO2 : Calculate Descriptive statistics like measures of central tendency and dispersion

CO3 : Apply statistical techniques like correlation and regression in Economic analysis

Syllabus- Course 8: Title- Quantitative methods for Economics -II			42 Hrs
<b>Unit 1</b>	<b>Preliminaries</b>		14 hrs
	<b>Chapter 1</b>	<b>Introduction to Statistics</b> Meaning and Importance of Statistics; Functions of Statistics; Types of Statistics: Descriptive Statistics and Inferential Statistics; Variables: Qualitative Variable and Quantitative Variable	4 hrs
	<b>Chapter 2</b>	<b>Data types</b> Qualitative and Quantitative Data - CrossSection Data, Time Series Data and Panel Data - Primary and Secondary sources of Data – Methods of Collecting Primary Data	4 hrs
	<b>Chapter 3</b>	<b>Tabulation and Presentation of Data:</b> Classification and tabulation of data - Frequency distributions – Continuous and Discrete frequency distribution. Graphical presentation- Histogram- frequency polygon - Ogive Curves -Bar Diagram, Pie Chart	6 hrs
<b>Unit 2</b>	<b>Measures of Central Tendency and Dispersion</b>		14 hrs
	<b>Chapter 4</b>	<b>Arithmetic Average:</b> Definition of Central Tendency; Types of Central Tendency: Arithmetic Mean: Meaning and Properties of Arithmetic Mean – Computation of Arithmetic Mean	5 hrs

	<b>Chapter 5</b>	<b>Positional Averages-Median and Mode:</b> Definition and importance of Median-Calculation of Median- Definition and importance of Mode - Calculation of Mode.	4 hrs
	<b>Chapter 6</b>	<b>Chapter-6: Dispersion:</b> Meaning of Dispersion- Measures of Dispersion- Range- Quartile deviation- mean deviation - Standard deviation - Coefficient of Variation and Their Computation	5 hrs
<b>Unit 3</b>	<b>Correlation, Regression and Time Series Analysis</b>		<b>14 hrs</b>
	<b>Chapter 7</b>	<b>Correlation:</b> Meaning of Correlation - Types of correlation - Methods of measuring Correlation- Karl Pearson's correlation coefficients	5 hrs
	<b>Chapter 8</b>	<b>Regression:</b> Meaning and Importance of Regression - Regression Equation -Estimation of regression equation - Applications of regression equation in Economics	5 hrs
	<b>Chapter 9</b>	<b>Time Series Analysis:</b> Definition of Time Series – Components of Time Series – Estimation and Forecasting of Trend	4 hrs

#### References

1	Gupta S P. (2012) Statistical Methods, S. Chand and Company, New Delhi.
2	S. C. Gupta, (New edition) Fundamentals of Statistics, Himalaya publishing house, Mumbai.
3	S. N. Yogish, Statistical methods for Economists- Mangaldeep publications, Jaipur.
4	Anderson, Sweeney & Williams, (2002) Statistics for Business & Economics, Thomson South-Western, Bangalore.
5	Daniel and Terrel: Business Statistics for Management and Economics; oaghton Mifflin Co., Boston, Toronts, 7th Edition, 1995, PP 1 to 972 + 6 Appendices
6	Medhi, J., Statistical Methods: An Introductory Text, Wiley, 1992
7	Morris H. Degroot and Mark J. Schervish, "Probability and Statistics", 4th edition, 2012.
8	Teresa Bradley, Essential Statistics for Economics, Business and Management, John Willey Publisher, 2007

Pedagogy: Lecture, Problem solving, seminar, presentation, activities, group discussion, field visit, project work, etc.,

**B.A. Semester – IV**  
**Subject: ECONOMICS**  
**Open Elective Course (OEC 4) : OEC Course :**  
**Indian Economic Development and Policy**  
**(Code: 004ECO051)**

Course No.	Type of Course	Theory / Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours / Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
OEC-4	OEC	Theory	03	03	42 hrs	2hrs	40	60	100

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

- CO1: understand and explain the sectoral composition in Indian economy
- CO2: comprehend the agriculture system in Indian and identify the problems and measures to overcome
- CO 3: appreciate the industrial structure, major policies, problems and financing relating to industrial development in India
- CO 4: understand and explain the banking landscape of India and analyse the monetary policy of RBI
- CO 5: explain the fiscal tools and analyse the Union Budget

<b>Syllabus- Course OEC 4: Title- Indian Economic Development and Policy</b>		<b>42 Hrs</b>
<b>Unit 1</b>	<b>Agriculture in India</b>	<b>14 hours</b>
	<b>Chapter 1</b> Features of Indian Economy; Correlating Sectoral composition of National Income of India with occupational distribution of population in India	3hrs
	<b>Chapter 2</b> Agriculture: Cropping pattern and production a) Land use b) Cropping pattern: Major crops under foodgrains and non-foodgrains c) Agriculture production: trends; agricultural productivity- causes and measures	5hrs
	<b>Chapter 3</b> Agriculture: credit and marketing a) Agriculture credit: Sources b) Agriculture marketing: features/defects and measures c) Recent agricultural government schemes	6hrs
<b>Practicum:</b>		
<ul style="list-style-type: none"> <li>• Field survey: Conduct a field survey and collect data to understand the different sources of agricultural credit; prepare a report</li> <li>• Mini project: Visit a nearby APMC and observe the following:               <ol style="list-style-type: none"> <li>1) Auction sale</li> <li>2) Grading</li> <li>3) Storage</li> <li>4) Market functionaries</li> <li>5) Commodity arrivals</li> </ol>               Prepare a report based on your visit. Can you relate your on field experience with the theoretical knowledge about agricultural marketing?             </li> </ul>		

<b>Unit 2</b>	<b>Industry and service sectors</b>		<b>14 hours</b>
	<b>Chapter 4</b>	Industrial policy of 1956 and 1991	4hrs
	<b>Chapter 5</b>	MSME: concept, role, problems and measures; Snapshot of Large scale industries in India Industrial finance: sources	8hrs
	<b>Chapter 6</b>	Service sector: Classification in national income of India Trends in composition of service sector	2hrs
<b>Practicum:</b>			
<ul style="list-style-type: none"> <li>• Assignment : Problems and measures of MSMEs</li> <li>• Seminar: trends and composition of service sector</li> </ul>			
<b>Unit 3</b>	<b>Indian banking and Public finance</b>		<b>14 hours</b>
	<b>Chapter 7</b>	Indian Banking: <ul style="list-style-type: none"> <li>a) Structure of Indian Banking System</li> <li>b) Functions of Commercial banks</li> <li>c) RBI: organization and functions</li> <li>d) Monetary Policy of RBI : objectives and instruments</li> <li>e) Major reforms in Banking sector</li> </ul>	6hrs
	<b>Chapter 8</b>	Indian Public Finance: <ul style="list-style-type: none"> <li>a) Sources and trends of Central government revenue</li> <li>b) Items of public expenditure of central government and trends therein</li> <li>c) Public debt in India: Trends and debt servicing</li> <li>d) Concept of deficits and trends</li> <li>e) Recent Union Budget : Structure and highlights</li> </ul>	8hrs
<b>Practicum:</b>			
<ul style="list-style-type: none"> <li>• Group Discussion: Recent Union Budget</li> <li>• Seminar on instruments of monetary policy</li> </ul>			

Pedagogy: Lecture, Problem solving, seminar, presentation, activities, group discussion, field visit, project work, etc.

<b>References : (Recent editions)</b>	
1	Dutt Ruddar and K.P.M Sundaram: Indian Economy
2	Mishra S.K & V.K Puri (2001) "Indian Economy and –Its development experience"
3	Kapila Uma: Indian Economy: Policies and Performances
4	Bardhan, P.K. (9th Edition) (1999), The Political Economy of Development in India, Oxford University Press, New Delhi.
5	Jalan, B. (1996), India's Economic Policy- Preparing for the Twenty First Century, Viking, New Delhi
6	Ramesh Singh : (2021) Indian Economy , McGraw Hill, New Delhi
7	Krishnamurthy H R (2022): Bharatada Arthika Vyavasthe (Kannada medium), Sapna publications, Bengaluru
8	<ul style="list-style-type: none"> <li>• Recent Economic survey and Budget documents visit: <a href="https://www.indiabudget.gov.in/">https://www.indiabudget.gov.in/</a></li> <li>• For recent schemes in agriculture visit : <a href="https://agricoop.nic.in/en/ministry-major-schemes?page=1">https://agricoop.nic.in/en/ministry-major-schemes?page=1</a></li> <li>• For cropping pattern and agricultural production visit: <a href="https://www.agricensus.com/">https://www.agricensus.com/</a></li> <li>• For monetary policy of RBI visit : <a href="https://www.rbi.org.in/Scripts/BS_PressReleaseDisplay.aspx?prid=54148">https://www.rbi.org.in/Scripts/BS_PressReleaseDisplay.aspx?prid=54148</a></li> </ul>

**Scheme of Formative assessment for DSCC/OEC (IA):40% weightage for total marks**

Type of Assessment	Weight age	Duration	Commencement
Written Test -1	10%	1 hour	8 <sup>th</sup> week
Written Test -2	10%	1 hour	12 <sup>h</sup> week
Seminar	10%	10 minutes	-----
Case study / Assignment / Field work / Project work/ Activity	10%	-----	-----
Total	40% of the maximum marks allotted for the paper		



KARNATAK UNIVERSITY, DHARWAD  
ACADEMIC (S&T) SECTION

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಧಾರವಾಡ  
ವಿದ್ಯಾಮಂಡಳ (ಎಸ್&ಟಿ) ವಿಭಾಗ



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NAAC Accredited  
'A' Grade 2014

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No. KU/Aca(S&T)/JS/MGJ(Gen)/2023-24/59

Date: 04/09/2023

ಅಧಿಸೂಚನೆ

- ವಿಷಯ: 2023-24ನೇ ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಎಲ್ಲ ಸ್ನಾತಕ ಪದವಿಗಳಿಗೆ 5 ಮತ್ತು 6ನೇ ಸೆಮೆಸ್ಟರ್  
NEP-2020 ಪಠ್ಯಕ್ರಮವನ್ನು ಅಳವಡಿಸಿರುವ ಕುರಿತು.  
ಉಲ್ಲೇಖ: 1. ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿಗಳು(ವಿಶ್ವವಿದ್ಯಾಲಯ 1) ಉನ್ನತ ಶಿಕ್ಷಣ ಇಲಾಖೆ ಇವರ  
ಆದೇಶ ಸಂಖ್ಯೆ: ಇಡಿ 104 ಯುಎನ್ಇ 2023, ದಿ: 20.07.2023.  
2. ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ನಿರ್ಣಯ ಸಂಖ್ಯೆ: 2 ರಿಂದ 7, ದಿ: 31.08.2023.  
3. ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಆದೇಶ ದಿನಾಂಕ: 04/09/2023

ಮೇಲ್ಕಾಣಿಸಿದ ವಿಷಯ ಹಾಗೂ ಉಲ್ಲೇಖಗಳನ್ವಯ ಮಾನ್ಯ ಕುಲಪತಿಗಳ ಆದೇಶದ ಮೇರೆಗೆ, 2023-24ನೇ  
ಶೈಕ್ಷಣಿಕ ಸಾಲಿನಿಂದ ಅನ್ವಯವಾಗುವಂತೆ, ಎಲ್ಲ B.A./ BPA (Music) /BVA / BTM / BSW/ B.Sc./B.Sc. Pulp &  
Paper Science/ B.Sc. (H.M)/ BCA/ B.A.S.L.P./ B.Com/ B.Com (CS) / BBA & BA ILRD ಸ್ನಾತಕ ಪದವಿಗಳ 5  
ಮತ್ತು 6ನೇ ಸೆಮೆಸ್ಟರ್‌ಗಳಿಗೆ NEP-2020ರ ಮುಂದುವರೆದ ಭಾಗವಾಗಿ ವಿದ್ಯಾವಿಷಯಕ ಪರಿಷತ್ ಸಭೆಯ ಅನುಮೋದಿತ  
ಕೋರ್ಸಿನ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಕ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲ [www.kud.ac.in](http://www.kud.ac.in) ದಲ್ಲಿ ಭಿತ್ತರಿಸಲಾಗಿದೆ. ಸದರ ಪಠ್ಯಕ್ರಮಗಳನ್ನು ಕ.ವಿ.ವಿ.  
ಅಂತರ್ಜಾಲದಿಂದ ಡೌನ್‌ಲೋಡ್ ಮಾಡಿಕೊಳ್ಳಲು ಸೂಚಿಸುತ್ತ ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಗೂ ಸಂಬಂಧಿಸಿದ ಎಲ್ಲ ಬೋಧಕರ ಗಮನಕ್ಕೆ  
ತಂದು ಆದರಂತೆ ಕಾರ್ಯಪ್ರವೃತ್ತರಾಗಲು ಕವಿವಿ ಅಧೀನದ/ಸಂಲಗ್ನ ಮಹಾವಿದ್ಯಾಲಯಗಳ ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ  
ಸೂಚಿಸಲಾಗಿದೆ.

ಅಡಕ: ಮೇಲಿನಂತೆ

  
ಕುಲಸಚಿವರು.

ಗೆ,  
ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯದ ವ್ಯಾಪ್ತಿಯಲ್ಲಿ ಬರುವ ಎಲ್ಲ ಅಧೀನ ಹಾಗೂ ಸಂಲಗ್ನ ಮಹಾವಿದ್ಯಾಲಯಗಳ  
ಪ್ರಾಚಾರ್ಯರುಗಳಿಗೆ. (ಕ.ವಿ.ವಿ. ಅಂತರ್ಜಾಲ ಹಾಗೂ ಮಿಂಚಂಚೆ ಮೂಲಕ ಬಿತ್ತರಿಸಲಾಗುವುದು)

ಪ್ರತಿ:

1. ಕುಲಪತಿಗಳ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
2. ಕುಲಸಚಿವರ ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
3. ಕುಲಸಚಿವರು (ಮೌಲ್ಯಮಾಪನ) ಆಪ್ತ ಕಾರ್ಯದರ್ಶಿಗಳು, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
4. ಅಧೀಕ್ಷಕರು, ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆ / ಗೌಪ್ಯ / ಜಿ.ಎ.ಡಿ. / ವಿದ್ಯಾಂಡಳ (ಪಿ.ಜಿ.ಪಿ.ಎಚ್.ಡಿ) ವಿಭಾಗ, ಸಂಬಂಧಿಸಿದ  
ಕೋರ್ಸುಗಳ ವಿಭಾಗಗಳು ಪರೀಕ್ಷಾ ವಿಭಾಗ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.
5. ನಿರ್ದೇಶಕರು, ಕಾಲೇಜು ಅಭಿವೃದ್ಧಿ / ವಿದ್ಯಾರ್ಥಿ ಕಲ್ಯಾಣ ವಿಭಾಗ, ಕ.ವಿ.ವಿ. ಧಾರವಾಡ.



**KARNATAK UNIVERSITY, DHARWAD**

**B.A. in ECONOMICS  
SYLLABUS**

**With Effect from 2023-24**

**DISCIPLINE SPECIFIC CORE COURSE (DSCC) FOR SEM V &VI,  
SKILL ENHANCEMENT COURSE (SEC) FOR SEM V SEM**

**AS PER NEP-2020**

**KARNATAK UNIVERSITY, DHARWAD**  
**B.A.in ECONOMICS**  
Effective from 2023-24

Sem.	Type of Course	Theory/Practical	Course Code	Course Title	Instruction hour/week	Total hours /sem	Duration Of Exam	Marks			Credits
								Formative	Summative	Total	
V	DSCC-9	Theory	015 ECO 011	<b>Public Economics</b>	04hrs	56	02hrs	40	60	100	04
	DSCC-10	Theory	015 ECO 012	<b>Development Economics</b>	04hrs	56	02hrs	40	60	100	04
	DSCC-11	Theory	015 ECO 013	<b>Indian Banking and Finance</b>	04hrs	56	02hrs	40	60	100	04
	SEC-3	Theory	015 ECO 061	<b>Practice of General Insurance in India</b>	02hrs	30	02 hrs	20	30	50	02
<b>Total</b>											<b>14</b>
VI	DSCC-12	Theory	016 ECO 011	<b>International Economics</b>	04hrs	56	02hrs	40	60	100	04
	DSCC-13	Theory	016 ECO 012	<b>Indian Public Finance</b>	04hrs	56	02hrs	40	60	100	04
	DSCC-14	Theory	016 ECO 013	<b>Environmental Economics</b>	04hrs	56	02hrs	40	60	100	04
	Internship/ SEC-4	Internship/ Internship/ SEC-4	016 ECO 091	<b>For Details refer Modified Curriculum Framework for UG Programme in Web: <a href="http://kshec.karnataka.gov.in">http://kshec.karnataka.gov.in</a> Page 51 to 54.</b>	02 hrs	30	01hr	50	0	50	02
	<b>Total</b>										

**B.A. Semester–V**  
**Discipline Specific Course (DSC) -9**

**Course Title: PUBLIC ECONOMICS**

**Course Code:015ECO011**

Type of Course	Theory /Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
<b>DSCC-9</b>	<b>Theory</b>	<b>04</b>	<b>04</b>	<b>56hrs.</b>	<b>2hrs.</b>	<b>40</b>	<b>60</b>	<b>100</b>

**Course Outcomes (COs): At the end of the course students will be able to:**

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

CO1.Understand introductory Public Finance concepts.

CO2.Study the causes of market failure and corrective actions

CO3.Understand the impact, incidence and Shifting of tax

CO4.Study the Economic Effects of tax on production, distribution and other effects

CO5.Enable the students to know the Principles and Effects of Public Expenditure

CO6.Understand the Economic and functional classification of the budget; Balanced and Unbalanced budget

CO7.Understand the Burden of Public debt and know the Classical/Ricardian views, Keynesian and post-Keynesian views

CO8.To acquaint with the advantages and disadvantages of Deficit Financing,

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>56 Hours</b>
<b>Module I</b>	<b>Introduction to Public Economics</b>	<b>12</b>
	Public Economics: Meaning, definitions, Scope and Significance, Public Finance and Private Finance: Meaning, and Distinction; Public good and private good: Meaning, Characteristics, and Distinction, Principle of Maximum Social Advantage, Market Failures: Meaning, causes-role of externalities; Market failure and role of government; Corrective actions.	
<b>Practicum</b>	Group Discussions on Public Finance and private finance; public good and private good Assignment on Market failure and government intervention	
<b>Module II</b>	<b>Public Revenue and Public Expenditure</b>	<b>17</b>
	Meaning and sources of revenue; Taxation–Cannons of taxation, Characteristics of a sound tax system, Impact, Incidence- Division of Tax burden, Shifting of tax, Economic Effects of tax on production, distribution and other effects, Progressive and Regressive, Proportional Tax, Direct and Indirect Taxes–Merits and Demerits, Taxable Capacity: Meaning and determinants. Public Expenditure; Meaning, classification, principles, Types & Cannons, Reasons for the growth of public expenditure, Wagner’s	

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

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

Formative Assessment for Theory	
Assessment Occasion /type	Marks
Internal Assessment Test 1	10
Internal Assessment Test 2	10
Quiz/Assignment/ Small Project	10
Seminar	10
<b>Total</b>	<b>40 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

**B.A. Semester–V**  
**Discipline Specific Course (DSC)-10**

**Course Title: DEVELOPMENT ECONOMICS**

**Course Code:015ECO012**

Type of Course	Theory /Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
<b>DSCC-10</b>	<b>Theory</b>	<b>04</b>	<b>04</b>	<b>56 hrs.</b>	<b>2 hrs.</b>	<b>40</b>	<b>60</b>	<b>100</b>

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

- CO1.UnderstandthebasicconceptsandmeasurementsofDevelopment.
- CO2.Learnsome classical and partial theories of Development economics and identify the difference.
- CO3.Identify the difference between Developed and Developing Countries.
- CO4.Analyse and tackle the Development issues effectively.

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>56 Hrs</b>
<b>Module 1</b>	<b>Introduction to Economic Development</b>	<b>14</b>
	Concept - Definitions - Distinction between Economic Growth and Development - Indicators of Growth and Development, Measures of Economic Development: Gross National Product (GNP) Physical Quality of Life Index(PQLI), Human Development Index(HDI), Happiness Index, Inequality and Poverty: Meaning, causes, indicators –Gini Co efficient Index, Human Poverty Index(HPI).	
<b>Practicum:</b>	Assignment on various indicators of growth and development Group discussions about the characteristic features of different countries and their development levels	
<b>Module 2</b>	<b>General Theories of Economic Growth and Development</b>	<b>14</b>
	Adam Smith’s Theory, David Ricardo’s Theory, T.R. Malthus’ Theory, Karl Marx’s Theory, Schumpeter’s Theory and Rostow’s Growth Theory-Harrod-Domar Model.	
<b>Practicum:</b>	Assignment on different theories and their relevance to developing Countries, Debate on present stage of India’s growth and estimated stage it may reach by 2047	
<b>Module 3</b>	<b>Partial Theories of Economic Development</b>	<b>14</b>
	Lewis Labour Surplus Model- Rodan’s Big Push Theory- Lieberstein’s Critical Minimum Effort Approach-Balanced Vs. Unbalanced Growth, Factors in the Development Process Capital Accumulation-Capital-Output Ratio-Technology and Economic Development.	

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

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

<b>Formative Assessment for Theory</b>	
<b>Assessment Occasion/type</b>	<b>Marks</b>
Internal Assessment Test 1	10
Internal Assessment Test 2	10
Quiz/Assignment/Small Project	10
Seminar	10
<b>Total</b>	<b>40 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

## B.A. Semester–V

### Discipline Specific Course (DSC)-11

**Course Title: INDIAN BANKING AND FINANCE**

**Course Code:015ECO013**

Type of Course	Theory /Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
<b>DSCC-11</b>	<b>Theory</b>	<b>04</b>	<b>04</b>	<b>56 hrs.</b>	<b>2 hrs.</b>	<b>40</b>	<b>60</b>	<b>100</b>

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

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

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>56 Hours</b>
<b>Module I</b>	<b>Introduction to banking: India</b>	<b>15</b>
	Indian Banks: Evolution, structure, functions, types and features- Public sector, private sector ,foreign, Cooperative, RRB, Small finance banks, payment banks; Role and importance of banks in the Indian economy; Credit creation and financial intermediation; Central Bank and banking regulation; Regulatory and supervisory powers; Monetary policy and banking channel of credit control; Policy rates and banking; repo, reverse MCLR, Bank rate, CRR, SLR, MSF; Issues in banking sector; NPA crisis; impact of global events on Indian banks.	
<b>Practicum</b>	Compare and contrast the different type soft banks, highlighting their strengths and weaknesses-Presentation. Conduct a class discussion and compare and contrast the different canaries on various loans, highlighting there is involved and the measures taken by banks to manage these risks.	
<b>Module II</b>	<b>Banking services</b>	<b>15</b>

	Banking services: Bank deposits; Types and features of bank accounts; account opening and importance of KYC; Bank loans; types, features, documents required; eligibility, interest rates, maturity, loan default and consequences; Other services: Locker facility, payment and remittance services and channels; currency exchange; debit cards, credit cards, pre-paid cards; ATMs; internet and mobile banking; Modern banking products: Insurance on deposits and loans, Investment services in capital market-stocks, bonds and mutual funds; advisory services; retirement products.	
<b>Practicum</b>	Group discussion on bank accounts and loan products and making recommendation to different classes Compare is on of banking services by visiting bank branches	
<b>Module III</b>	<b>Modern Banking</b>	<b>13</b>
	Modern banking facilities; Digital banking; Digital Wallets; Digital account opening; Biometrics; contactless payment system ;instant payments; personal finance management tools; Use of artificial intelligence and machine learning in banks; Cyber security in banking; Credit scoring; Direct lending; Corporate banking; Investment Banking	
<b>Practicum:</b>	Survey bank customers to understand their usage and satisfaction levels with digital banking services. Analyze the adoption rates of digital banking services across different age groups and Demographics segments	
<b>Module IV</b>	<b>Financial Market</b>	<b>13</b>
	Introduction to Indian financial markets; Equity markets and stock exchanges; Debt markets and bond markets; Currency markets and for extruding; Commodity markets and trading; markets; Mutual funds; Insurance products Investing in capital market products-access, channels; risk in capital market investments; Role of SEBI capital markets;	
<b>Practicum</b>	Debate: Investing in capital market products. Assignment on Indian financial markets	

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

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

<b>Formative Assessment for Theory</b>	
<b>Assessment Occasion/type</b>	<b>Marks</b>
Internal Assessment Test 1	10
Internal Assessment Test 2	10
Quiz/Assignment/Small Project	10
Seminar	10
<b>Total</b>	<b>40 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

## B.A. Semester–V

### Skill Enhancement Course: SEC-3

**Course Title: PRACTICE OF GENERAL INSURANCE IN INDIA**

**Course Code:015ECO061**

Type of Course	Theory /Practical	Credits	Instruction hour/week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
SEC-3	Theory	02	02	30 hrs.	2 hr.	20	30	50

**Course Outcomes (COs):At the end of the course students will be able to:**

**CO1:** Gain Knowledge on General insurance in India

**CO2:** Understand the policy documents of General Insurance

**CO3:** Understand the Fundamentals of General Insurance product and claims.

**CO4:** Understand the essential conditions of procedures and recoveries of insurance.

Unit	Title:	30.hrs/sem
Unit I	<b>Introduction to General Insurance:</b> Introduction of Indian Insurance Market-Structure, Classification, Salient Features of Indian general Insurance Market.--	7 hrs.
Unit II	<b>Policy Documents and forms:</b> Insurance contract & elements – components of an insurance policy-interpretation of policies contents of insurance proposal form-certificate of insurance – claim forms.	10 hrs
Unit III	<b>General Insurance Products and Claims:</b> Classes of Engineering insurance -- Baggage insurance-fidelity Guarantee insurance –Jeweller’s Block insurance –Crime insurance. Claims: Preliminary procedure – Loss minimization – procedure –process of claim management arbitration-Modes of settlement-Recoveries-Identifying claim.	13 hrs

**References:**

1. General insurance, John Magee & David Bicklhaupt.
2. Operational Transformation of General Insurance Industry during the period 1950 to 1990,
3. Beyond, R.D. Samarth
4. Study on Distribution Functions in General Insurance & Role of Intermediaries.

<b>Formative Assessment for Theory</b>	
<b>Assessment Occasion/type</b>	<b>Marks</b>
Internal Assessment Test 1	5
Internal Assessment Test 2	5
Quiz/Assignment/Small Project	5
Seminar	5
<b>Total</b>	<b>20 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

**B.A. in ECONOMICS**

**VI Semester**

**W. e. f.: 2023-24**

**B.A. Semester–VI**  
**Discipline Specific Course (DSC)-12**

**Course Title: INTERNATIONAL ECONOMICS**

Course Code:016ECO011

Type of Course	Theory /Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
<b>DSCC-12</b>	<b>Theory</b>	<b>04</b>	<b>04</b>	<b>56 hrs.</b>	<b>2 hrs.</b>	<b>40</b>	<b>60</b>	<b>100</b>

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

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

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>56 Hours</b>
<b>Module I</b>	<b>International Trade Theories</b>	<b>14</b>
	Meaning and Importance of International trade; Differences between Internal and International Trade; Trade Theories: Mercantilist view; Absolute cost and comparative cost advantage theories; Haberler’s Opportunity cost theory; Heckscher- Ohlin theory; Leontief’s paradox	
<b>Practicum</b>	AssignmentonRicardo’sComparativecostadvantageandLeontief’sparadox	
<b>Module II</b>	<b>Terms of Trade and Commercial Policy</b>	<b>14</b>
	Terms of trade-Concept and Types, Factors determining Terms of Trade; Commercial Policy: Freetradev/s Protection; Tariffs :Types and effects; Quotas ;Anti-dumping; Economic Integration: Meaning and stages.	
<b>Practicum</b>	Debate: Free tradev/s Protection Mini project: Trace the evolution of India towards Economic Integration	
<b>Module III</b>	<b>Balance of Payment and Capital Flow</b>	<b>13</b>
	Balance of Payment: Concept, Components; Disequilibrium in Balance of Payment: Causes and Measures to correct disequilibrium; Foreign Exchange rate: Meaning and types; determination of Foreign exchange rate: Demand for and Supply of Forex; Purchasing Power Parity (PPP) theory; Capital Flow: Meaning and concept of Foreign Investment; Forms of FDI; Advantages and disadvantages of FDI.	
<b>Practicum</b>	Prepare India’s Balance of Payment statement using recent Economic Survey Assign mention Forms of FDI	

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

<b>Formative Assessment for Theory</b>	
<b>Assessment Occasion/type</b>	<b>Marks</b>
Internal Assessment Test 1	10
Internal Assessment Test 2	10
Quiz/Assignment/Small Project	10
Seminar	10
<b>Total</b>	<b>40 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

**B.A. Semester–VI**  
**Discipline Specific Course (DSC)-13**

**Course Title: INDIAN PUBLIC FINANCE**

Course Code:016ECO012

Type of Course	Theory /Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative Assessment Marks	Total Marks
<b>DSCC-13</b>	<b>Theory</b>	<b>04</b>	<b>04</b>	<b>56 hrs.</b>	<b>2 hrs.</b>	<b>40</b>	<b>60</b>	<b>100</b>

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

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

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>56 Hours</b>
<b>Module I</b>	<b>Public Revenue</b>	<b>17</b>
	<b>Direct Tax Revenue</b> - Sources of Revenue-Tax and Non-Tax Revenue; Trends and Patterns of Tax Revenue in India; Direct and Indirect Taxes in India; Personal Income Tax Rates and Slabs; Corporate Tax- Tax Rate and Slabs; <b>Indirect Tax Revenue</b> - Indirect Taxes – Earlier Taxes-VAT and MODVAT; Goods and Services Tax (GST)- Objectives and Classification Of GST, Tax Rates of GST; Trend sand Patterns of GST; Impact of GST on Indian Economy; Tax Reform Commissions.	
<b>Practicum</b>	Collection and analysis of data on Direct tax Collection and analysis of GST from businesses	
<b>Module II</b>	<b>Public Expenditure</b>	<b>14</b>
	<b>Revenue Expenditure</b> -Classification of Public Expenditure in India; Revenue Account Expenditure-Trends and Patterns; Capital Account Expenditure-Trend sand Patterns; Fiscal Responsibility and Budget Management(FRBM) Act; Impact of Public Expenditure on Indian Economy; Expenditure Reforms Commission(ERC) in India; <b>Union Budget and Its Analysis</b> - Meaning and Classification of Budgets; Zero-Based Budget; Composition of Union Budget; Union Budget Analysis (current one);Different Concept of Deficits-Revenue ,Fiscal, Primary Deficits	
<b>Practicum</b>	Analysis of Union Budget (Current one) Group Discussion on Budget Deficits	

<b>Module III</b>	<b>Public Debt and Its Management</b>	<b>13</b>
	<b>Public Borrowings and Debt</b> -Meaning and Nature of Public Debt; Sources of Public Borrowings; Classification of Public Debt; Trends and Patterns of Central Government Debt; Main Characteristics of Indian Public Debt; Crowding out of Private Investment; Causes of Public Debt in India; <b>Burden of Public Debt and Management in India</b> - Meaning of Burden of Public Debt; Importance of Public Management; Principles of Public Debt Management; Repayment of Public Debt in India; Impact of Public Debt on Indian Economy; Finance Commissions in India	
<b>Practicum</b>	Assignment to write on Indian public Debt and sources of repayment Group Discussion on Burden of Public Debt	
<b>Module IV</b>	<b>Fiscal and Monetary Policies and Federal Finance in India</b>	<b>12</b>
	<b>Fiscal and Monetary Policy India</b> - Meaning and Objectives of Fiscal Policy; Importance of Fiscal Policy; Tools of Fiscal Policy; Meaning and Objectives of Monetary Policy; Importance of Monetary Policy; Tools of Monetary Policy; <b>Indian Federal Finance</b> - Meaning and Importance- Stages of Growth; Allocation of Resources-Division of Functions and Resources; Principles of Federal Finance; Shortcomings of Federal Financing; Finance Commission and Their Recommendations.	
<b>Practicum</b>	Group Discussion about the Role of Fiscal and Monetary Policies in controlling inflation Assignment to write the State List, Union List and Concurrent list	

<b>References</b>	
1	Bhatia HL(2021):Public Finance, S.Chandand Co.,New Delhi.
2	Lekhi R.K(2020): <i>Public Finance</i> , Kalyani Publishers, New Delhi.
3	Musgrave R. Aand MusgraveP.A (2017): <i>Public Finance in Theory and Practice</i> , Mcgraw-Hill Kogakusha, Tokyo.
4	Om Prakash(2021): <i>Public Economics: Theory apractice</i> , Vishal Publishing Co. Ludhiana.
5	S.K.Singh(2019): <i>Public Economics: Theory and Practice</i> S. Chandand Co., New Delhi.
6	Tyagi, B.P(2018): <i>Public Finance</i> , Jai Prakash Nathand Company, Meerut, India.

<b>Formative Assessment for Theory</b>	
<b>Assessment Occasion/type</b>	<b>Marks</b>
Internal Assessment Test 1	10
Internal Assessment Test 2	10
Quiz/Assignment/Small Project	10
Seminar	10
<b>Total</b>	<b>40 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

**B.A. Semester–VI**  
**Discipline Specific Course (DSC)-14**

**Course Title: ENVIRONMENTAL ECONOMICS**

**Course Code:016ECO013**

Type of Course	Theory /Practical	Credits	Instruction hour per week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment marks	Total Marks
<b>DSCC-14</b>	<b>Theory</b>	<b>04</b>	<b>04</b>	<b>56 hrs.</b>	<b>2 hrs.</b>	<b>40</b>	<b>60</b>	<b>100</b>

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

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

<b>MODULES</b>	<b>DESCRIPTION</b>	<b>56 Hours</b>
<b>Module I</b>	<b>Environment and Ecology</b>	<b>15</b>
	Meaning, Nature and Scope of Economics of Environment; Linkages between Environment and the Economy; Environmental Kuznets curve; Environmental Stress; Population and Environment; Poverty and Environment; Meaning and elements of ecology; Biotic and A biotic components; Food, Hydrological and Carbon Cycles; Material Balanced Principle (Entropy law); Meaning and strategies to achieve Sustainable Development; Rio Summit; Green Accounting Introduction to SDGs.	
<b>Practicum:</b>	Making charts relating to SDGs or Assignments on environment-economy linkages at the local level.	
<b>Module II</b>	<b>Natural Resources Scarcity and Conservation</b>	<b>14</b>
	Meaning and Characteristics of Renewable and Non-renewable resources; Non-Renewable Resources and the problem of depletion and problem of overuse; Resource Scarcity and Economic Growth (Limits to Growth Model);Energy and Economic Development; Energy resources and their Pricing; Alternative energy sources; Conservation of Natural Resources-3Rs–Reduce, Reuse and Recycling Measures	
<b>Practicum:</b>	Identifying local resources; Project on resource conservation(esp.water) at the College level; Discussion on Limits to Growth	

<b>Module III</b>	<b>Environmental Pollution</b>	<b>15</b>
	Types of Pollution –Air, Water, Soil, Noise - Causes and consequences. Climate change, Global warming, Green house effect-Ozone depletion-Carbon footprint. Environmental hazards: rivers, land: floods, drought, acid rain. Environmental impact assessment (cost-benefit analysis).	
<b>Practicum:</b>	Visiting the Pollution Control Board office and observing its functions	
<b>Module IV</b>	<b>Environmental Policy and Regulations</b>	<b>15</b>
	Environmental regulatory system in India; Pollution Control Boards and their Functions; Provisions of the Environmental Protection Act, 1986; Environmental Movements in India (Chipko); Role of Citizens and NGOs in Environmental Protection. Global agenda for environmental protection.	
<b>Practicum:</b>	Assignments on types of pollution in local areas; Seminars on climate change and its consequences; visiting the Pollution Control Board office and observing its functions	

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

## B.A. Semester–VI Internship/Sec-4

**Course Title: INTERNSHIP/SEC-4**

**Course Code: 016ECO091**

Type of Course	Theory /Practical	Credits	Instruction hour/week	Total No. of Lectures/Hours /Semester	Duration of Exam	Formative Assessment Marks	Summative assessment Marks	Total Marks
<b>Internship</b>	<b>Theory</b>	<b>02</b>	<b>02</b>	<b>30</b>	<b>--</b>	<b>50</b>	<b>0</b>	<b>50</b>

### Course Outcomes (COs):

- CO1. To handle field survey and gain the knowledge.
- CO2. Able to learn the behavioral approach and develop the communication skills.
- CO3. Expose to the local areas and involved in the Public participation.
- CO4. Able to apply technique/ and methodology technology.
- CO5. Able to learn to prepare the report of field visit.

<b>Formative Assessment for Theory</b>	
<b>Assessment Occasion/type</b>	<b>Marks</b>
Project Report	20
Presentation Skill	20
Viva	10
<b>Total</b>	<b>50 Marks</b>
<i>Formative Assessment as per guidelines.</i>	

### MODEL CURRICULUM

Program Name	<b>BA 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 **50** 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.

#### **INTERNSHIP:**

A course requiring students to participate in a professional activity or work experience, or cooperative education activity with an entity external to the education institution, normally under the supervision of an expert of the given external entity. A key aspect of the internship is induction into actual work situations for 2 credits. Internships involve working with local industry, local governments (such as panchayats, municipalities ) or private organizations, business organizations, artists, crafts persons, and similar entities to provide opportunities for students to actively engage in on-site experiential learning.

#### **Note;**

1. 1 credit internship is equal to 30hrs on field experience.
2. Internship shall be Discipline Specific of 45-60 hours (2 credits) with duration 1-2

weeks.

3. Internship may be full-time/part-time (full-time during last 1-2 weeks before closure of the semester or weekly 4 hrs in the academic session for 13-14 weeks). College shall decide the suitable method for programme wise but not subject wise.
4. Internship mentor/supervisor shall avail work allotment during 6<sup>th</sup> semester for a maximum of 20 hours.
5. The student should submit the final internship report (45-60 hours of Internship) to the mentor for completion of the internship.
6. Method of evaluation: Presentations/Report submission/Activity etc.

## UG Programme: 2023-24

### GENERAL PATTERN OF THEORY QUESTION COURSE FOR DSCC/OEC

**(60 marks for semester end Examination with 2 hrs duration)**

#### Part-A

1. Question number 1-06 carries 2 marks each. Answer any 05 questions : 10 marks

#### Part-B

2. Question number 07- 11 carries 05Marks each. Answer any 04 questions : 20 marks

#### Part-C

3. Question number 12-15 carries 10 Marks each. Answer any 03 questions : 30 marks  
(Minimum 1 question from each unit and 10 marks question may have sub questions for 7+3 or 6+4 or 5+5 if necessary)

**Total: 60 Marks**

**Note: Proportionate weight age shall be given to each unit based on number of hours Prescribed**