

SYLLABUS

BA (Hons) Economics

Semester – I

DSCC 1.1: Basic Economics-I (C1- CORE 1)

3 Credits

Course Outcomes

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

| Contents of Basic Economics-I (C1) | | 42 Hrs |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------|
| Unit – 1 | Basic Concepts in Economics ---- | 14 Hrs |
| | Chapter 1 | 5 hrs |
| | | <i>Nature and Scope of Economics</i> |
| | | Why Study Economics? |
| | | Meaning of Economics |
| | | Nature of Economics |
| | | Scope of Economics |
| | | Methods of studying Economics |
| | Chapter 2 | 4 hrs |
| | | <i>Thinking Like an Economist</i> |
| | | Thinking Like an Economist |
| | | The Economist as Scientist |
| | | The Economist as Policy Adviser |
| | | Economic Policy |
| | Chapter 3 | 5 hrs |
| | | <i>Economic System</i> |
| | Types of Economic Activities | |
| | Organization of Economic Activities | |
| | Circular Flow of Economic Activities | |
| | Evolution of the Present Economic Systems | |
| <p>Practicum: 1. Group Discussion on Choice Problem; 2. Prepare your assignment on Types of Economic Systems through the word processing software.</p> | | |
| Unit – 2 | Demand, Supply and Markets --- | 14 hrs |
| | Chapter 4 | 4 hrs |
| | | Firms and Household |
| | | Meaning of Firm and Household |
| | | Relationship Between Firm and Household |
| | | Input Markets |
| | | Output Markets |
| Chapter 5 | 5 hrs | |
| | Demand, Supply and Markets | |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------|
| | ✓ Demand: Meaning, Determinants | |
| | ✓ Law of Demand | |
| | ✓ Supply and its Determinants | |
| | ✓ Law of Supply | |
| | Market Equilibrium | |
| Chapter 6 | Elasticity and its Measurement | 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 | |
| <p><i>Practicum: 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</i></p> <p><i>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.</i></p> | | |
| Unit -3 | Production, Cost and Market Structure----- | 14 hrs |
| | Chapter- 7 ✓ Production | 4 hrs |
| | ✓ Production Functions | |
| | ✓ Law of Variable Proportions | |
| | ✓ Concepts of Revenue: TR, AR and MR | |
| | Chapter 8 Concept of Cost | 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 | |
| | Chapter -9 Market Structure | 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: 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</i></p> <p><i>2) With the help of Spreadsheet function, devise formulae to calculate AC, AFC, AVC, MC</i></p> <p><i>3) Present your results using slides</i></p> | | |

Note: For enriched experiential learning it is advised that the student should opt for Skill Enhancement Course in Economics for all semesters

References (indicative for C1)

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.

Pedagogy : Classroom lecture, tutorials, Seminar and Case analysis

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

Date

Course Co-ordinator

Subject Committee Chairperson

BA (Hons) Economics

Semester – I

| | |
|--------------------------------------------------|--------------------------------|
| Course Title: DSCC 1.2 : Indian Economy – I (C2) | |
| Total Contact Hours: 42 | Course Credits: 3 |
| Formative Assessment Marks: 30 | Duration of ESA/Exam: 3 Hrs |
| Model Syllabus Authors: | Summative Assessment Marks: 70 |

Course Outcomes (COs):

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

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

| Contents of Indian Economy-I (C2) | | 42 Hrs | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------|-------|
| Unit – 1 | Structural Changes in Indian Economy | --- 14 Hrs | |
| | Chapter 1 | <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 | |
| | Chapter 2 | Broad Trends in Population | 2 hrs |
| | | Trends in Occupational Distribution of Population | |
| | | Trends in growth of population | |
| | Chapter 3 | Fiscal Trends | 3 hrs |
| | | Trends in Tax-GDP ratio | |
| | | Trends in Public Expenditure-GDP ratio | |
| | | Fiscal deficit: Meaning and Trends | |
| | Chapter 4 | Broad Trends in External Sector | 2Hrs |
| | | Balance of payments : Meaning and Trends | |
| | | Current account and Capital account: Meaning and Trends | |
| | Chapter 5 | Price Trends | 2 Hrs |
| | | Meaning of Inflation, WPI and CPI | |
| | | Trends in Consumer Price Index (CPI) and Wholesale Price Index (WPI) | |
| Practicum: 1. Collect data from the RBI website regarding 'Sectoral composition of GDP at Basic Price' by clicking here Components of Gross Domestic Product at Factor Cost/ Gross Value Added at Basic Price . In the page that would open, click on 'Sectoral Growth of GDP/GVA'. Using the icon export the excel file. | | | |

OR

Click here: and then open "NATIONAL INCOME, SAVING AND EMPLOYMENT".

- 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.
- 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.
- Do you observe structural change in sectors over the period of time? Analyze.

| Unit - 2 | Demographic Profile, Poverty and Unemployment | | --- 14 hrs |
|------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------|
| | Chapter 6 | Broad Demographic Features | 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 | 3 Hrs |
| | Chapter 7 | Unemployment | |
| | | Meaning of Labor Force, Work Force, and Unemployment | 4 hrs |
| | | Types of unemployment and Extent | |
| Chapter 8 | Poverty | | |
| | Meaning, Concept of poverty line | 2hrs | |
| | Measurement and Extent | | |
| | Effects and Measures to tackle poverty (recent schemes of government to be included) | 2hrs | |
| Chapter 9 | Inequality | | |
| | Meaning and Extent | | |

Practicum:

- Group Discussion: Demographic dividend in the context of rising unemployment and Skill India
- Assignment: Effect of Covid-19 on Indian Economy

| Unit:3 | Agriculture in India | | ----14 Hrs |
|--------|----------------------|-------------------------------------------------------------------------------------------|------------|
| | Chapter- 10 | Classification of Agriculture and allied activities in System of National Accounts (SNA); | 5hrs |
| | | Land use and cropping pattern in India | |
| | | Trends in agricultural production | |
| | | Causes of low productivity | |
| | Chapter-11 | Agricultural finance | 2 hrs |
| | | Sources of Agricultural Finance | 4hrs |
| | Chapter 12 | Agricultural marketing : Features, Defects and Reforms | |
| | | Agricultural price policy and Minimum support price | 3hrs |
| | Chapter 13 | Agrarian Crisis | |
| | | Agrarian Reforms: recent schemes of government | |

Practicum: I

Step 1. Collect the data on Agricultural Holdings by [clicking here](https://agcensus.dacnet.nic.in/NL/natl1table2.aspx). OR copy and paste this link
<https://agcensus.dacnet.nic.in/NL/natl1table2.aspx>

Step 2. Save the file to spreadsheet.

Step 3. Now with the spreadsheet knowledge, prepare charts to analyse the share of different size of land holdings in number and area.

2. Assignment: Defects and Reforms in Agricultural Marketing

Suggested Readings:

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.
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
2. For Consumer Price Index number:
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>

Pedagogy : Classroom lecture, tutorials, Seminar and Case analysis

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

Date

Course Co-ordinator

Subject Committee Chairperson

BA (Hons) Economics

Semester – I

| | |
|------------------------------------------------------------------|--------------------------------|
| Course Title: OEC 1.1:Contemporary Indian Economy (OEC) BA I sem | |
| Total Contact Hours: 42 | Course Credits: 3 |
| Formative Assessment Marks: 30 | Duration of ESA/Exam: 3 Hrs |
| Model Syllabus Authors: | Summative Assessment Marks: 70 |

Course Outcomes (COs):

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

- Trace the evolution of Indian Economy
- Identify the structural features and constraints of the Indian economy
- Analyze the sector specific problems and contributions towards overall economic growth
- Review various economic policies adopted.

| Contents of Contemporary Indian Economy 1.1 (OEC) | | 42 Hrs |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Unit – 1 | India as Emerging Economic Giant | — 14 Hrs |
| | Chapter 1 | 5 hrs |
| | | <i>India's Growth Story</i> |
| | | 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 |
| | Chapter 2 | 5 hrs |
| | | <i>Whither India's Development</i> |
| | | 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> | |
| Chapter 3 | 4 hrs | |
| | <i>Investment Destination, that is, India!</i> | |
| | 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 | | |
| Unit – 2 | Challenges of Indian Economy | ----- 14 hrs |
| | Chapter 4 | 5 Hrs |
| | | Population |
| | a) Recent Census: features | |

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| | | 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 | |
| Chapter 5 | Unemployment | | 4 Hrs |
| | Meaning of | | |
| | a) Labor Force | | |
| | b) Work Force | | |
| | c) Unemployment | | |
| | a) Types of unemployment | | |
| | b) Measurement concepts | | |
| | c) Extent | | |
| Chapter 6 | Poverty | | 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 and Assess the impact of Covid-19 on Indian Economy | | | |
| Unit:3 | Macroeconomic Indicators- Pulse of Indian Economy | | ----14 Hrs |
| | Chapter- 7 | Prices | 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 | |
| | | d) Consumer Price Index: composition and trends | |
| | Chapter-8 | Fiscal Indicators | 3 hrs |
| | | a) Fiscal deficit : Meaning | |
| | | b) Trends in Fiscal deficit | |
| | | c) FRBM act | |
| | | d) Effects of rise in Fiscal Deficit | |

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| Chapter -9 | External Sector indicators | 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 | | |
| Suggested Readings: | | |
| 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
2. For Consumer Price Index number:
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>

Pedagogy : Classroom lecture, tutorials, Seminar and Case analysis

ASSESSMENT

| | |
|--------------------------------|--------------------------------|
| Formative Assessment Marks: 30 | Duration of ESA/Exam: 3 Hrs |
| Model Syllabus Authors: | Summative Assessment Marks: 70 |

BA (Hons) Economics

Semester – I

| | |
|------------------------------------------------------------------------------------------|-------------------------------|
| Course Title: SEC 1.1. Data Analysis and Computer Application in Economics (SEC) BAI Sem | |
| Total Contact Hours: 30 | Course Credits: 2 |
| Formative Assessment Marks: | Duration of ESA/Exam: 1.5 hrs |
| Model Syllabus Authors: | Summative Assessment Marks: |

Course Outcomes (COs):

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

1. This course will enlighten the students about elementary computer skills required to represent economic data through computers
2. The students would be able to demonstrate basic computer knowledge and word processor to prepare write-up for economic reports
3. The students would be able to use spreadsheets in an elementary way to garner basic understanding of the available spreadsheet software.
4. The students would demonstrate the use of presentation software so as to present the economic analysis and reports in an effective way

| Unit | Description | Hours |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| | Each practical would be preceded by instruction hour. The hours shown here are inclusive of both theory and practical | |
| I | Introduction to data analysis and word processing | 10 |
| | Chapter 1: Data: Meaning and types : Quantitative and Qualitative data | 2 |
| | Chapter 2: Data representation through computers : Text, Numbers and numerical operations and presentation. | 2 |
| | Chapter 3: Text Representation: Word processing software: Word Processing Package, Opening and closing documents, Using a Document/Help Wizard, Text Creation and Manipulation | 3 |
| | Chapter 4: Formatting the Text, Handling Multiple Documents, Table Manipulation, Printing, saving documents in different formats. | 3 |
| II | Introduction to Spreadsheet and Presentation | 10 |

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| Chapter 5: Spreadsheet and Basic Data Analysis Elements of Electronics Spread Sheet, Create Worksheet and Workbooks; Import data from a delimited text file; Search for data within a workbook; | 2 |
| Application/usage of Electronic Spread Sheet, Manipulation of cells, Formulas and functions; Charts; Using filter option; | 2 |
| Chapter 6: Using spreadsheet to represent law of demand and law supply and finding equilibrium price. Representing the results with the use of charts. | 2 |
| Chapter 7: Basic Presentations Difference between presentation and document, Using Power Point, Creation of Presentation, Preparation of Slides, Selection of type of Slides. | 2 |
| Chapter 8: Importing text from word documents, Providing aesthetics Slide Designs, Slide Manipulation and Slide Show, Presentation of the Slides | 2 |
| NOTE: It is mandatory to work out all the practicums stated in the core papers with the help of SEC practicals. | |
| <p>Suggested readings:</p> <ol style="list-style-type: none"> 1 C.S. French (1998): "Data Processing and Information Technology", BPB Publications 2. P.K Sinha (1992) Computer Fundamentals, BPB Publications, 3. Guy Hart-Davis(1998) "The ABCs of Microsoft Office 97 Professional edition". BPB Publications 4. Karl Schwartz(1998), "Microsoft Windows 98 Training Guide". | |

Pedagogy : Classroom lecture, tutorials, Seminar and Case analysis

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|-----------------------------|-------------------------------|
| Formative Assessment Marks: | Duration of ESA/Exam: 1.5 Hrs |
| Model Syllabus Authors: | Summative Assessment Marks: |

End of Semester - I

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: 013EC0011)

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 |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Unit 1 | Basics of Microeconomics | 14 hours |
| | Chapter 1 Some Concepts of Microeconomics Scarcity and Choice; Opportunity cost; Production possibility frontier; - 61 Price mechanism v/s state intervention - 321 Types of Goods (Free Goods, Economic Goods, Public and Private goods, Common Property Resources, Club goods). | 6 hrs |
| | Chapter 2 Chapter:2 Consumption decision: 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 |

Practicum:

- Prepare assignment on Consumer's equilibrium through indifference curve analysis
- Seminar on Concepts of Micro Economics
- Conducting a consumer survey to understand their tastes and preferences

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|-----------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Unit -2: | Production and Costs | | 14 hours |
| | Chapter 3 | The Firms: Concept of firm and Industry; Production Function with Two variable inputs: Properties of Isoquant, isocost line and least cost combination of inputs; - 430 Production function with all variable inputs (Returns to Scale); - 32 Features of Cobb-Douglas Production Function 4382 | 8 hrs |
| | Chapter 4 | Cost of Production: Cost function and estimation: Linear and Non-Linear (cubic and quadratic) and applications ; <u>Economies and Diseconomies of scale</u> 433 | 6 hrs |

Practicum:

- Group Discussion on Economies and Diseconomies of scale
- Project work on cost functions and cost estimations

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|-----------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Unit -3: | Price Determination of products and factors | | 14 hours |
| | Chapter 5 | The Markets -I: 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 |
| | Chapter 6 | The Markets-II: 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 |
| | Chapter 7 | The Inputs (Factors) Functional and Personal Income; Marginal Productivity Theory of Distribution; Modern theory of distribution; Concepts related to rent, wage, interest and profit. | 5 hrs |

Practicum:

- Conducting Market Survey to identify the nature and features of markets for different goods/services
- Understanding distribution of national income as factor incomes

| 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 | https://www.core-econ.org/the-economy/book/text/0-3-contents.html |
| 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 |
|-----------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Unit 1 | Preliminaries | | 14 hours |
| | Chapter 1 | Introduction to Mathematical Economics: Nature and scope of mathematical economics- Role of mathematics in economic theory | 3 hrs |
| | Chapter 2 | Number system and Set theory: Types of Numbers: <u>Natural</u> Number, <u>Real</u> number, integers, Ratios and Proportions; Concepts of sets- meaning –types- union of sets- Intersection of sets. | 6 hrs |
| | Chapter 3 | Functions: Meaning and types of Variables, Constants and Functions; Linear and Non-linear Functions; Quadratic, Polynomial, Logarithmic and Exponential functions | 5 hrs |
| Unit 2 | Economic Functions, their Application and Matrices | | 14 hours |
| | Chapter 4 | Applications of functions- I Demand Function, Supply function, Graph of Economic Functions, Market equilibrium; Equilibrium price and Quantity, Impact of specific tax and subsidy on market | 6 hrs |
| | Chapter 5 | Applications of Functions -II Simple interest, Compound Interest and discounting the future (exponential function), equilibrium | 2 hrs |

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

| References | |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Chiang, A. C. and Wainwright, K., "Fundamental Methods of Mathematical Economics", McGraw-Hill/Irwin, 4th Edition, 2005. |
| 2 | Sydsaeter, K and Hammond, P., Mathematics for Economic Analysis, Pearson Educational Asia, 4th Edition, 2002. |
| 3 | Allen R.G.D., (2015) Mathematical Analysis for Economists, Macmillan. |
| 4 | Bose D., (2003) An Introduction of Mathematical Economics, Himalaya Publishing House, Mumbai. |
| 5 | Dowling, E. T., "Introduction to Mathematical Economics", McGraw-Hill, 2001. |
| 6 | Hoy, M., Livernois, J. McKenna, C, Rees, R. and Stengos, T., "Mathematics for Economics", MIT Press, 3rd Edition, 2011. |
| 7 | 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

| Syllabus- Course OEC 3: Title- Macro Economics | | 42 Hrs |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Unit 1 | National Income and Money | 14 hours |
| | Chapter 1 Macroeconomics: Meaning, nature and scope | 3hrs |
| | Chapter 2 National Income : 1) Circular Flow of Income (four sector model) - 61 2) Methods of estimation of National Income 3) Limitations | 4hrs |
| | Chapter 3 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 |
| Practicum: | | |
| a) Prepare an assignment on circular flow of Income | | |
| b) Work out numerical exercises on price index number | | |

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

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

B.A. Semester - V

Economics

As Discipline Specific Course (DSE) under CBCS

Title of paper: Indian Banking System

Course Code: DSE-ECON -4E

Total 60 Hrs / Semester

Course Objectives: This course exposes students to the theory and functioning of the monetary and financial sectors of India. It highlights the organization, structure and role of financial markets and institutions. It also discusses monetary management, instruments of monetary control, Financial and banking sector reforms and monetary policy in India.

Learning Outcomes: The student will have an explicable understanding of structure of Indian money market, banking structure and functions in India, NBFCs, the organization and functions of RBI and monetary policy.

Unit: I Indian Money Market

10Hrs

Indian Money Market: Structure, Characteristics, Constituents, Defects and Measures to improve Indian money market, Reforms; Money market V/S Capital market, Regulation of money market

Unit :II Commercial Banking in India

12 Hrs

Structure of Indian Commercial banking system, Nationalization of Commercial Bank: Objectives, Achievements and Failures; Recent reforms in Banking Sector, impact of reforms on Indian economy, Functions of commercial Banks, Credit creation of Commercial Banks and its limitations (With numerical examples); Regional rural banks, Foreign banks and their Business in India.

Unit: III Non Banking Financial institutions

10 Hrs

Government Securities Market; Bill Market in India, Micro finance: role, Non-banking financial Companies: Role; Some NBFCs: Power finance corporation, Rural electrification corporation limited, Bajaj finance Limited, Shriram Transport finance company limited, Indian Railway finance corporation limited

Unit :IV Reserve Bank of India

16Hrs

Organization and Management of the Reserve Bank of India; Functions of the RBI; Appraisal of the functioning of the RBI; Achievements; Failures; Credit Management of the RBI; Evaluation

of credit control policy; Comparison between Central banking and commercial banking, new 2.31
Gold Investment Scheme of 2015

Unit V: Monetary Policy

12Hrs

Monetary Policy and Monetary Policy instruments- bank rate, Repo and reverse repo rate, CRR, open market operation, Price stabilization, Alternative price policies, exchange stabilization..

Reading List:

1. M.L.Seth, Monetary Economics, Lakshmi Narain Agarwal Thirty second edition 2017.
2. F. J. Fabozzi, F. Modigliani, F. J. Jones, M. G. Ferri, Foundations of Financial Markets and Institutions, Pearson Education, 3rd edition, 2009.
3. L. M. Bhole and J. Mahukud, Financial Institutions and Markets, Tata McGraw Hill, 5th edition, 2011.
4. M. Y. Khan, Indian Financial System, Tata McGraw Hill, 7th edition, 2011.
5. Various latest issues of R.B.I. Bulletins, Annual Reports, Reports on Currency and Finance and Reports of the Working Group, IMF Staff Papers.

B.A. Semester - V

Economics

As Discipline Specific Course (DSE) under CBCS

Title of paper: International Economics

Course Code: DSE-ECON -1E

Total 60 Hrs / Semester

Course Objectives: *This course enables students to acquaint with the concepts and principles of International Economics and their influence on the institutions promoting International Trade and Investment.*

Learning Outcomes: *The course enables the student to have a demonstrable understanding of classical and modern theories of international trade, the trade barriers, international order in the trade, Balance of Payments, Foreign Exchange and International Economic Institutions*

- Unit 1: Introduction to International Economics** 05 Hrs
Nature and Scope of International Economics; International trade-Meaning, Importance, Differences between Internal and International Trade
- Unit 2: Theories of International Trade** 16 Hrs
Classical Theories- Absolute Cost Advantage and Comparative Cost; Neo- Classical Theories- Hecksher and Ohlin Theory; Leontief Paradox; Terms of trade- Concepts, Factors Affecting Terms of Trade, Deterioration in terms of trade and Gains from Trade.
- Unit 3: Trade and Commercial Policy** 16Hrs
Free Trade v/s Protection Policy – Relative Merits and Demerits; Tariffs- Types and Effects of Tariff- Quotas; Stages of Economic Integration (PFTA, FTA, Customs Union, Economic Union); WTO- Organization, Objectives, Functions; Agreements; India and WTO
- Unit 4: Balance of Payment and Foreign Exchange** 11 Hrs
Balance of Payments (BOP)- Concepts, Components, Disequilibrium in the Bop and Measures to Correct Disequilibrium; Foreign Exchange- Meaning, Types and Determination of Foreign Exchange Rate.
- Unit 5: Foreign Investments and Institutions** 12Hrs
Foreign Investments- Meaning, Types, Importance and Factors Determining the Foreign Investment ; Make in India v/s Made in India; International Financial Institutions: IMF and World Bank- Organisation, objectives and Functions; New International Economic Order (NIEO); Economic Co-Operation among Developing Countries- SAARC and BRICS.

Suggested Readings:

- 1) Sodersten. B. (1993): International Economics, MacMillan, 3 Edition, London,
- 2) Salvatore, D. (2016): International Economics, 12 Edition, Wiley Publication.
3. Vaish, M. C. and Sudama Singh (1980): International Economics, 3 Edition, Oxford and IBH Publication, New Delhi.
4. Carbaugh, R. J. (1999): International Economics, International Thompson Publishing, New York
5. Dana, M. S. (2000): International Economics: Study Guide and work Book, 5. Edition, Routledge Publishers, London.
6. Kenen, P. B. (1994). The International Economy, Cambridge University Press, London.
7. Krugman, P.R. and M. Obstfeld (1994): International Economics: Theory and Policy Addison-Wesley Publications.
8. Jackson, JD. (1998) The World Trading System, Cambridge University Press, Mass.
9. Cherunilam, International Economics, TMH, New Delhi.
10. D M Mithani, International Economics, Himalaya , Mumbai.

Generic Elective

B.A. Semester - V

Economics

As Generic Elective (GE)

Title of paper: Indian Economy

Course Code: GE-ECON-I

Total 30 Hrs / Semester

Course Objective: *The course provides an introduction to Indian Economy and provides an outline of the behemoth Indian Economic System. As it covers a variety of topics of Indian economy, it improves knowledge and employability of the student. This course helps to understand the structure of Indian economy, challenges the economy is facing, major policies and reforms.*

Learning Outcomes: *The student would be able to explain the structure of Indian economy, identify the major challenges faced by the economy and major policy responses to those problems.*

Unit - 1: Structural changes in the Indian Economy

6 Hrs

Indian Economy: Structure – Primary, Secondary and Tertiary; Concept of Development and Growth; Meaning of National Income and per-capita income; Trends in National Income and trends in composition of National Income; Reasons for slow growth.

Unit – 2 Major Challenges to Indian Economy

8 Hrs

Poverty: Meaning - Concept of Poverty line, its measurement and extent; Unemployment: Meaning, measurement and extent; Measures to check poverty: Government schemes and programmes to alleviate poverty and unemployment; Demography: Highlights of recent census – density, age sex, size and composition; concept of demographic dividend

Unit - 3: Sectors, Institutions and Policies

16 Hrs

Sectors: Agriculture: Trends in agricultural production, causes of low productivity; concept of Food security and self sufficiency; Industry: Industrial Policy of 1956 and 1991 – highlights;

Service sector: Emergence of FMCGs, IT, ITES, BT, Transport and Communication sectors, E-commerce

Institutions: Establishment and Functions of (erstwhile) Planning commission and NITI Aayog, Central statistical office, RBI;

Policies: Monetary and Fiscal Policy as tools of market control; Concept of Budget and Economic survey

Suggested Readings:

1. Datt R. and Sundharam K. P. M. Indian Economy. S. Chand & Company Ltd., New Delhi.
2. Datt and Sundharam, Gaurav Datt and Ashwani Mahajan, S Chand Publications, 7th Revised Edition
3. Government of India (Current Year): Economic Survey, Ministry of Finance, New Delhi

4. Misra, S. K. and Puri V. K. Indian Economy — Its Development Experience. Himalaya Publishing House, Mumbai
5. Ramesh Singh. Indian Economy, McGraw Hill Education, New Delhi
6. Ahluwalia and Little (ed): India's Economic Reforms and Development, OUP
7. K. James, 2008, —Glorifying Malthus: Current Debate on Demographic Dividend in India Economic and Political Weekly, June
8. Kaushik Basu and A. Maertens, Eds, 2013, The New Oxford Companion to Economics, Oxford University Press.
9. Himanshu, 2010, Towards New Poverty Lines for India, Economic and Political Weekly, January

DRAFT

B.A. Semester - V

Economics

as Skill Enhancement Courses(SEC)

Title of paper: Practice of General Insurance in India

Course Code: SEC-ECON-2E

Total 30 Hrs / Semester

Course Objective: *The course provides an introduction to functional insurance in India which helps to provide wide opportunity in insurance career.*

Learning Outcome: *The student would manifest the comprehension of - general insurance products in India, forms and policy documents, and claim management*

Unit 1: Introduction to General Insurance: Introduction of Indian Insurance Market – Structure, Classification, Salient features of Indian general insurance market. -----6Hrs

Unit 2: Policy Documents and forms: Insurance contract & elements – Components of an insurance policy - Interpretation of policies – Contents of insurance proposal form - Certificate of Insurance – Claim forms ----- 10Hrs

Unit 3: General insurance Products and claims – (Engineering & other Insurances): Classes of Engineering insurance - Burglary 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. ----- 14Hrs

Suggested Readings:

1. General Insurance, John Magee & David Bicklhaupt
2. Operational Transformation of General Insurance Industry during the period 1950 to 1990 & Beyond, R.D.Samarth
3. Study on Distribution Functions in General Insurance & Role of Intermediaries, ArunAgarwal / P R Rao
4. General Insurance for Information Technology Professionals, Martin Frappoli.