

Curriculum and Credit Framework for Undergraduate Programme (Single Major) as per NEP-2020

B. A. Economics and Finance (Four Year Degree Programme)

3rd & 4th Semesters

For Batch W.e.f. Session: 2022-23



University School for Graduate Studies

Chaudhary Devi Lal University

Sirsa-125055, Haryana

2023

Exit options and Credit requirements

SINGLE-MAJOR

Exit with	Credit requirement
Certificate in Economics & Finance: After successful completion of First year (Two semesters) of the Four-Year Undergraduate Degree Programme.	48 (Including Internship of 4 Credits)
Diploma in Economics & Finance: After successful completion of Two years (Four semesters) of the Four-Year Undergraduate Degree Programme.	94 (Including Internship of 4 Credits)
Bachelor of Economics & Finance: After successful completion of Three years (Six semesters) of the Four-Year Undergraduate Degree Programme.	136
Bachelor of Economics & Finance (Honours/Honours with Research) After successful completion of Four Years (Eight semesters) of the Undergraduate Degree Programme.	184

Course Category	Course Code	Course Title	Level	Credits			Marks		
				L	P	Total	Int	Ext	Total
<u>SEMESTER-III</u>									
1. DSC	BA/ECO/SM/3/DSC/201	Public Economics	200	4	-	4	30	70	100
	BA/ECO/SM/3/DSC/202	Development Economics-I	200	4	-	4	30	70	100
	BA/ECO/SM/3/DSC/203	History of Economic Thought	200	4	-	4	30	70	100
2. MIC	BA/ECO/SM/3/MIC/201	Financial Management	200	4	-	4	30	70	100
	BA/ECO/SM/3/MIC/202	Financial Services	200	4	-	4	30	70	100
3. MDC	BA/ECO/SM/3/MDC/201	Finance for Everyone	200	3	-	3	25	50	75
4. SEC	BA/ECO/SM/3/SEC/201	Computer Applications in Economics (Practical)	200	-	3	3	0	75	75
5. VAC	CDLU/VAC/103	Leadership and Management Skill	200	2	-	2	15	35	50
TOTAL						28			700
<u>SEMESTER-IV</u>									
1. DSC	BA/ECO/SM/4/DSC/204	Money and Banking	200	4	-	4	30	70	100
	BA/ECO/SM/4/DSC/205	Philosophy of Socio-Economic Change	200	4	-	4	30	70	100
	BA/ECO/SM/4/DSC/206	Statistics and Mathematics for Economists	200	4	-	4	30	70	100
2. MIC	BA/ECO/SM/4/MIC/203	Financial Institutions and Markets	200	4	-	4	30	70	100
	BA/ECO/SM/4/MIC/204/T	Business Correspondent and Business Facilitator	200	2	-	2	15	35	50
	BA/ECO/SM/4/MIC/204/P	Business Correspondent and Business Facilitator (Practical)	200	-	2	2	0	50	50
3. SEC	BA/ECO/SM/4/SEC/202	Statistical Applications in Economics (Practical)	200	-	3	3	0	75	75
4. VAC	EVS/VAC/102	Professional Skills	200	2	-	2	15	35	50
TOTAL						25			625

THIRD SEMESTER

Course Title: Public Economics Course Code: BA/ECO/SM/3/DSC/201	Total Credits: 4 Time:3 Hrs. Marks:100 External: 70 Internal:30
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Note for the Paper Setter:

*The question paper will consist of **nine** questions in all. The first question will be compulsory and will consist of **seven** short questions of **2** marks each covering the whole syllabus. In addition, **eight** more questions of **14 marks each** will be set unit-wise comprising of **two** questions from each of the **four** units. The candidates are required to attempt **one compulsory question and four more questions** selecting at least one question from each unit.*

Course Outcomes

CO1	Student will understand the Nature, Scope and Importance of public Finance and different role of government.
CO2	To become familiar with the concept of budget and types or Classification of Budget, Budget Making Process in India.
CO3	Understand the economic implications of various taxes along with their critical analysis thereby attain in-depth knowledge of theories, postulates based on taxation, tax elasticity, tax buoyancy, tax effort and excess burden and thus become able to design an efficient and equitable taxation system.
CO4	Understand and able to analyze the concept of public expenditure and public debt, different theories of public expenditure and burden controversy of public debt.

Unit-I

Introduction to Public Finance: Nature, Scope and Importance. Theory of Maximum Social advantage. Private goods, public goods and Merit goods. Overview of different role of government: allocation, stabilization and distribution.

Unit-II

Budgeting: Meaning and Purpose of Budget; Types or Classification of Budget, Budget Making Process in India;

Budget: Zero based Budgeting, Performance Budgeting; Measures of Budget Deficit and their Significance

Unit-III

Sources of Public Revenue: Tax and Non-tax sources, progressive and proportional taxes, direct and indirect taxes. Canons of taxation

Approaches to tax equity: Benefit principle; Ability to pay principle. Theory of Incidence of Indirect taxes. Taxable capacity: meaning and determinants.

Unit-IV

Public expenditure: Rationale for the growth of Public Expenditure: Wagner's law of increasing state activities; Peacock-Wiseman hypothesis. Canons of Public Expenditure.

Public Debt: Concepts, types and sources of Public Debt; Principles of Public Debt Management; Public Debt Management in India.

Reading List

- Musgrave, R & Musgrave, P B: Public Finance in Theory and Practice. McGraw-Hill International eds.
- Houghton, R W (ed.) (1970): Public Finance
- Atkinson, A B and Stiglitz, J E: Lectures on Public Finance
- Peacock, A and Straw, G K (1970): The Economic Theory of Fiscal Policy
- Chellah, R C (1996): Sustainable Growth, Essays on Financial and Fiscal Sector Reforms, Oxford University Press.
- Raghbendra Jha (1999): Modern Public Economics, Rotledge
- Govt. of India, Ministry of Finance: 9th, 10th and 11th Finance Commission Reports
- Govt. of India, Ministry of Finance: Sarkaria Commission Report on Centre State Financial Relations.

Course Title: Development Economics-I Course Code: BA/ECO/SM/3/DSC/202		Total Credits: 4 Time: 3 Hrs. Marks: 100 External: 70 Internal: 30
Note for the Paper Setter The question paper will consist of <i>nine</i> questions in all. First question will be compulsory and will consist of seven short questions of two marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.		
Course Outcomes		
CO1	To understand, analyze and interpret the nature of growth & development and determinants and obstacle to development.	
CO2	To impart knowledge about measurement of development.	
CO3	To analyse and understand the poverty and development, inequality and development.	
CO4	To acquaint the students about theories of development.	
Unit-I Basic Concepts of Economic Development: Economic growth, Economic development, under development and Sustainable Development, Difference between economic growth and economic development, Determinants of economic development. Obstacles to economic development.		
Unit-II Measurement of Development – Income Measures, Basic Needs Approach, Physical Quality of life index, Human Development Index, multidimensional poverty index, Gender Inequality Index, Technology Achievement Index, hunger index.		
Unit-III Poverty and Development: Meaning, Types, causes of poverty, measurements, Impact and Policy options Inequality and Development: Meaning, Measurement Lorenz Curve, Kuznets Inverted U Shape curve, Inequality and Development: Inter connection Population Growth and Economic Development.		
Unit-IV Theories of Growth and Development: classical (Adam Smith and Ricardo), Karl Marx, Schumpeter, balanced vs. unbalanced growth theories. Lewis model of development, Vicious		

Reading List

- Adelman, I. (1961). *Theories of Economic Growth and Development*, Stanford University Press, Stanford.
- Barro, R. J. & Sala-i-Martin, X. (2004). *Economic Growth*. MIT Press.
- Behrman, S. & Srinivasan, T.N (Eds.). (1995). *Handbook of Development Economics, Vol. 3*. Elsevier, Amsterdam.
- Chenery, H. & Srinivasan, T.N. (Eds.) (1989). *Handbook of Development Economics, Vol. 1 & 2*. Elsevier, Amsterdam.
- Chakravarti, S. (1982). *Alternative Approaches to the Theory of Economic Growth*. Oxford University Press, New Delhi.
- Ghatak, S. (1986). *An Introduction to Development Economics*. Allen and Unwin, London.
- Gillis, M., Perkins, D.H., Romer, M. & Snodgrass, D.R. (1992). *Economics of Development*. W.W. Norton, New York.
- Jones, H.G. (1975). *An Introduction to Modern Theories of Economic Growth*. Nelson, London.
- Lewis, W.A. (1955). *The Theory of Economic Growth*. George Allen and Unwin, London.
- Higgins, B. (1959). *Economic Development*. W.W. Norton, New York.
- Kindleberger, C.P. (1977). *Economic Development*. McGraw Hill, New York.
- Meier, G.M. & Rauch, J.E. (2005). *Leading Issues in Economic Development*. Oxford University Press, New Delhi.
- Menard, C. & Shirley, M.M. (2008). *Handbook of New Institutional Economics*. Springer Science & Business Media.
- Schultz, Paul T. & Strauss, J. (Eds.). (2008). *Handbook of Development Economics, Vol. 3*. Elsevier, Amsterdam.
- Sen, A.K. (Ed.). (1990). *Growth Economics*. Penguin, Harmondsworth.
- Thirlwal, A.P. (1999). *Growth and Development*. Macmillan, U.K.
- Todaro, M.P. & Smith, S.C. (2003). *Economic Development*. Pearson Education, Delhi.

<p align="center">Course Title: History of Economic Thought Course Code: BA/ECO/SM/3/DSC/203</p>		<p>Total Credits: 4 Time: 3 Hrs. Marks: 100 External : 70 Internal : 30</p>
<p>Note for the Paper Setter</p> <ol style="list-style-type: none"> Nine Questions will be set in all and students will be required to attempt 5 questions. Question no. 1 will be compulsory and will consist of 7 short answer type questions of 2 marks spread over the entire syllabus (2 X 7=14 marks). For the remaining four questions, students will attempt 1 out of 2 questions from each of the four units (14 marks each). 		
<p>Course Outcomes</p>		
CO1	To understand, analyze Economic Ideas and the Development of Economic Thinking in Ancient Times.	
CO2	To understand, analyze and interpret the evolution of mercantilist theories, Physiocracy.	
CO3	To critically analyze the key concepts of democratic capitalist economy and Marginalist contribution.	
CO4	To analyze the contribution of selected Indian economic thought economists.	
<p align="center">Unit-I</p> <p>Economic Ideas and the Development of Economic Thinking in Ancient Times History of Economic Thought-Meaning, Importance and Problems; Ancient Economic Thought- Hebrew, Greek Economic Thought- Plato and Aristotle; Roman Economic Thought. Medieval Economic Thought- Saint Thomas Aquinas and Nicholas Oresme.</p>		
<p align="center">Unit-II</p> <p>The Beginnings of the Modern World <i>Mercantilism:</i> Rise of Mercantilism and its main ideas. Importance and Decline of Mercantilism. <i>Physiocracy:</i> The pre-conditions of the Industrial Revolution; Ideas of Natural Order and Net Product; Quesnay's Tableau Economique.</p>		
<p align="center">Unit-III</p> <p>Socialist Ideas: Owen, Sismondi and Rodbertus Marginalist Revolution: Gossen, Bohm Bawerk and Irving Fisher</p>		

Unit-IV

Indian Economic Thought

Ancient Indian Economic Thought: Kautilya.

Founders of Indian Economics: Dada bhai Naoroji, Vinoba Bhave, D R Gadgil and Amartya Sen.

Reading List

- Blackhouse, R. (1965) *A History of Modern Economic Analysis*, Basil Elackwell, Oxford.
- Gide, C, and G. Rist (1956) *A History of Economic Doctrines* (2nd edition), George Harrop & Co., London.
- Grey, A. (1980) *The Development of Economic Doctrine* (2nd E. Thomson edition), Longman Group. London.
- Harney, L. H. (1949) *History of Economic Thought*,
- Mandel, E. (1968) *Marxist Economic Theory*. Screpanti, Ernest (1995) *An outline of the History of Economic Thought*, Stefano Zamagni Clarndon Press.
- Roll, E (1991) *A History of Economic Thought*.
- Schumpeter, J. (1954) *A History of Economic Analysis*, Oxford University Press, New York.
- Seshadri, G. B. (1997) *Economic Doctrines*. B.R. Publishing Corporation, Delhi.
- Spiegel, H.W (1991) *The Growth of Economic Thought*.

Course Title: Financial Management Course Code: BA/ECO/SM/3/MIC/201		Theory Credits: 4 Time: 3 Hrs. Marks: 100 External: 70 Internal: 30
Note for the Paper Setter The question paper will consist of nine questions in all. First question will be compulsory and will consist of seven short questions of two marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.		
Course Outcomes		
CO1	Enables learning of the basic concept of financial management, investment and capital investment options.	
CO2	Provides knowledge of long-term investment decisions, planning and risk of investment projected with it.	
CO3	Ensures students learning as to how to take proper financing decisions.	
CO4	Aware the students about the available dividend distribution theories and the working capital decisions.	
Unit-I		
Financial Management: Nature, Significance, Scope and Objectives of financial management; Functions of finance executive in an organization; Functional areas of financial management; Changing role of financial management in India; Financial planning and forecasting: Its need & importance, drafting a financial plan; Capitalization: Over- capitalization and Under-capitalization; Financial forecasting: meaning, benefits and Techniques of financial forecasting		
Unit-II		
Investment Decisions: The Capital Budgeting Process, Cash flow Estimation, Payback Period Method, Accounting Rate of Return, Net Present Value (NPV), Net Terminal Value, Internal Rate of Return (IRR), Profitability Index; Capital budgeting under Risk – Certainty Equivalent Approach and Risk- Adjusted Discount Rate.		
UNIT-III		
Financing Decisions: Sources of finance- short-term, medium term and long term; Cost of Capital- Estimation of components of cost of capital, Methods for Calculating cost of equity capital, Cost of Retained Earnings, Cost of Debt and Cost of Preference Capital, Weighted Average cost of capital (WACC) and Marginal cost of capital; Capital structure: Theories of Capital Structure (Net Income, Net Operating Income, MM Hypothesis, Traditional Approach), Determinants of capital structure; Operating and financial leverage;		

Unit-IV

Dividend Decisions: Theories for Relevance and irrelevance of dividend decision for corporate valuation; Cash and stock dividends; Dividend policies in practice, Working Capital Decisions: Concepts of working capital, the risk-return trade off, sources of short-term finance, working capital estimation; Cash management, Receivables management, Inventory management and Payables management

Reading List

1. Brigham and Houston, Fundamentals of Financial Management, Cengage Learning
2. Khan and Jain. Basic Financial Management, McGraw Hill Education
3. Levy H. and M. Sarnat. Principles of Financial Management. Pearson Education
4. Prasanna Chandra, Fundamentals of Financial Management. McGraw Hill Education
5. Rustagi, R.P. Fundamentals of Financial Management. Taxmann Publication Pvt. Ltd.
6. Singh, J.K. Financial Management- text and Problems. Dhanpat Rai and Company, Delhi.

Course Title: Financial Services Course Code: BA/ECO/SM/3/MIC/202		Theory Credits: 4 Time: 3 Hrs. Marks: 100 External: 70 Internal: 30
Note for the Paper Setter The question paper will consist of <i>nine</i> questions in all. First question will be compulsory and will consist of seven short questions of two marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.		
Course Outcomes		
CO1	Demonstrate an awareness of the current structure and regulation of the Indian financial services, merchant banking and factoring.	
CO2	Describe the functioning of venture capital industries; access the credit rating process methodology.	
CO3	Understanding the concept of leasing and functioning of mutual fund.	
CO4	Develop understanding of book building mechanism and analyse the credit card business in India.	
Unit-I Financial Services: Concept, Nature, Types and Scope of Financial Services, Regulatory Frame Work of Financial Services, Growth of Financial Services in India; Merchant Banking: Meaning, Types, Responsibilities of Merchant Bankers, Role of Merchant Bankers in Issue Management, Regulation of Merchant Banking in India; Factoring: Meaning, Characteristics and Types of Factoring arrangements, factoring in India, Factoring vs. Forfeiting.		
Unit-II Venture Capital: Meaning, Modes of Financing, Growth of Venture Capital in India; Credit Rating: Meaning and types; Benefits of Credit rating to investors and companies, Credit Rating Agencies- Objectives and Functions.		
UNIT-III Leasing: Concept, Classification, Evaluation of Leasing Option Vs. Borrowing; Mutual Funds: Concept and Objectives, Functions and Portfolio Classification, Organization and Management, Guidelines for Mutual Funds, Working of Public and Private Mutual Funds in India.		

Unit-IV

Securitization: Concept, Mode, Mechanism and Beneficiaries of Securitization, Securitization in India; **Book Building:** Concept and Mechanism of Book Building, Significance and Benefits of Book Building; **Credit Cards:** Concept and Significance, Types of Credit Cards, Credit card Business in India

Reading List

1. Bhole&Mahakud, Financial Institutions and Market, TMH, New Delhi
2. V.A. Avadhani, Marketing of Financial Services, Himalayas Publishers, Mumbai
3. DK Murthy, and Venugopal, Indian Financial System, IK Int Pub House
4. Anthony Saunders and MM Cornett, Fin Markets &Institutions, TMH, New Delhi
5. Punithavath Pandian, Financial Markets and Services, Vikas, New Delhi
6. Vasanth Desai, Financial Markets & Financial Services, Himalaya, Mumbai

BA/ECO/SM/3/MDC/201: FINANCE FOR EVERYONE

DURATION: 3 HOURS

CREDIT : 3

MAXIMUM MARKS: 75

(EXTERNAL: 50, INTERNAL: 25)

Course Objective: The course aims to offer an integrated approach to the understanding of concepts and applications of financial planning.

Course Learning Outcomes: After completion of the course, learners will be able to:

CO1: explain the importance of financial literacy and the institutions providing financial services.

CO2: open, avail and manage services offered by banks.

CO3: open, avail and manage services offered by post offices.

CO4: choose instruments for investment in shares.

Unit 1:

Introduction, Financial Planning and Budgeting: Meaning, importance and scope of financial literacy; Prerequisites of financial literacy – level of education, numerical and communication ability; Various financial institutions – banks, insurance companies, post offices, mobile app-based services. Need of availing of financial services from banks, insurance companies and postal services. Meaning, importance and need for financial planning; Personal budget, family budget, business budget and national budget; Procedure for financial planning and preparing a budget.

Unit II

Banking Services: Types of banks; Banking products and services – Various services offered by banks; Types of bank deposit accounts; KYC norm; Various types of loans, bank overdraft, cash credit, mortgage, reverse mortgage, hypothecation, pledge, Cashless banking, e-banking, check counterfeit currency; CIBIL, ATM, net banking, RTGS, NEFT, IMPS, electronic clearance services (ECS), debit and credit card.

Unit III

Financial Services from India Post Office: Post office savings schemes: savings bank, recurring deposit, term deposit, monthly income scheme, kisan vikas patra, NSC, PPF, senior citizen savings scheme, sukanya samriddhi yojana; India post payments bank. money transfer: money order, e-money order. instant money order, collaboration with the western union financial services; mo videsh, international money transfer service, money gram international money transfer, Indian postal order.

Suggested Readings:

- Avadhani, V. A. —Investment Management|| Himalaya Publishing House Pvt. Ltd., Mumbai.
- Kothari, R. —Financial Services in India-Concept and Application|| Sage Publications India Pvt. Ltd., New Delhi.
- Milling, B. E. — The Basics of Finance: Financial Tools for Non-Financial Managers|| Universe Company, Indiana,
- Zokaityte, A. —Financial Literacy Education|| Palgrave Macmillan, London.

Note for the Paper Setter: The question paper will consist of **seven** questions in all. The first question will be compulsory and will consist of four short questions of 2 marks each covering the whole syllabus. In addition, six more questions of 14 marks each will be set unit-wise comprising of two questions from each of the three units. The candidates are required to attempt one compulsory question and three more questions selecting at least one question from each unit.

Course Title: Computer Applications in Economics Course Code: BA/ECO/SM/3/SEC/201		Total Credits: 3 (Practical) Time: 3 Hrs. Marks: 75 (Further division of marks will be as per university norms)
Course Outcomes		
CO1	Students will be able to understand MS Word and MS Power Point.	
CO2	To understand the concepts and working of MS Excel.	
CO3	To understand the statistical technique and analysis on MS Excel.	
Unit-I		
Introduction to MS Word: Editing and formatting of documents, inserting page Numbers and footnotes, Table: Auto Format and Properties, Inserting graphs and diagrams. Introduction to MS Power point: Creating and enhancing presentation.		
Unit-II		
Introduction to Excel: Creation of worksheets; Data entry, formatting, sorting and validation; Importing and exporting of data files, Uses of mathematical (addition, subtraction, multiplication and division) and Descriptive statistics (mean, median, mode, standard deviation and co variance); Creation of diagrams and graphs.		
Unit-III		
Statistical techniques on excel: correlation and regression analysis by using excel. Estimation of simple growth, compound growth and exponential growth on excel.		

CDLU/VAC/103

Leadership and Management Skills

Credits: 2 (Theory)

Lectures: 30

Duration of Exam: 2 Hrs.

Max. Marks: 50

Final Term Exam: 35

Internal Assessment: 15

COURSE OBJECTIVES

- Develop essential skills to influence and motivate others.
- Inculcate emotional and social intelligence and integrative thinking for effective leadership.
- Create and maintain an effective and motivated team to work for society.

LEARNING OUTCOMES

- Understand the basics of entrepreneurship and develop business plans.
- Apply the design thinking approach for leadership.
- Appreciate the importance of ethics and moral values for the making of a balanced personality.

Unit-1

Leadership Skills: Understanding Leadership and Its Importance, Models of Leadership, Basic Leadership Skills.

Managerial Skills: Basic Managerial Skills, Self-management Skills, Emotional Quotient, Developing Self-Awareness with JOHARI Window.

Entrepreneurial Skills: Basics of entrepreneurship, Creating a Business Plan.

Unit-2

Innovative Leadership and Design Thinking: Innovative Leadership and Design Thinking, Innovative leadership, Design thinking.

Ethics and Integrity: Ethics and Integrity, Learning through biographies, Ethics and Conduct.

Managing Personal Finance: Budgeting, Saving and investing.

Suggested Readings: Follow Curriculum and Guidelines for Life Skills (Jeevan Kaushal) 2.0 at UGC website:

[https://www.cdlu.ac.in/assets/admin/miscellaneous/Implementation%20of%20Curriculum%20and%20Guidelines%20on%20Life%20Skills%20\(Jeevan%20Kaushal\)%202.0.pdf](https://www.cdlu.ac.in/assets/admin/miscellaneous/Implementation%20of%20Curriculum%20and%20Guidelines%20on%20Life%20Skills%20(Jeevan%20Kaushal)%202.0.pdf)

Note for the Paper Setter: The question paper will consist of **five** questions in all. The first question will be compulsory and will consist of **seven** short questions of **1** marks each covering the whole syllabus. In addition, **four** more questions of **14 marks each** will be set unit-wise comprising of **two** questions from each of the **two** units. The candidates are required to attempt **one compulsory question and two more questions** selecting at least one question from each unit.

FOURTH SEMESTER

Course Title: Money and Banking Course Code: BA/ECO/SM/4/DSC/204		Total Credits: 4 Time: 3 Hrs. Marks: 100 External: 70 Internal: 30
Note for the Paper Setter The question paper will consist of <i>nine</i> questions in all. The first question will be compulsory and will consist of seven short questions of 2 marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.		
Course Outcomes		
CO1	The student shall understand the different aspects of monetary system.	
CO2	To understand the concept of Demand for money and supply of money.	
CO3	Understanding the banking systems and its various	
CO4	To understand the concept of public credit creation and credit control.	
Unit-I		
Money Barter system; Evolution, definition and functions of money; Classification of Money; Role of money in various economic systems; Gresham's Law of money.		
Unit-II		
Demand for Money -different views (classical view, neo- classical view, Keynesian view, modern view) Factors affecting the demand for money; Supply of money-determination, factor affecting the supply of money.		
Unit-III		
Banking System Meaning & functions of Commercial banks; Credit creation- Process and limitations; Meaning and functions of Central Banks; Difference between Central Bank and Commercial Banks; Role of Central Bank in an Under-Developed economy		
Unit-IV		
Credit Creation -Meaning, Process of credit creation, credit multiplier, Limitations of credit creation. Credit Control- Objectives of control of money supply; Quantitative and Qualitative methods of credit control		
Reading List Bagchi, Amaresh (Ed.). (2005) <i>Readings in Public Finance</i> . Oxford University Press. Bain, K. & Howells, P. (2009) <i>Monetary Economics: Policy and its Theoretical Basis</i> . Macmillan International Higher Education.		

Frisch, H. (1983) *Theories of Inflation*. Cambridge University Press.

Galbacs, Peter (2015) *The Theory of New Classical Macroeconomics: A Positive Critique*. Springer.

Gali, J. (2015) *Monetary Policy, Inflation and Business Cycles*, Princeton University Press.

Ganguly, S. (1963). *Public Finance: A Normative Approach*. Nababharat Publishers.

Greiner, A. &Fincke, B. (2009) *Public Debt and Economic Growth*. Springer.

Handa, Jagdish (2000) *Monetary Economics*, Routledge, London.

Jha, R. (1991) *Contemporary Macroeconomic Theory and Policy*. Wiley Eastern Limited.

Ihori, Toshihiro (2016) *Principles of Public Finance*. Springer.

Levacic, Rosalind &Rebmann, Alexander (2015) *Macroeconomics*, Macmillan, London.

Lucas, R.E. (1983) *Studies in Business Cycle Theory*, MIT Press.

Mankiw, Gregory N. (2003) *Macroeconomics*, Worth Publishers.

Mishkin, F.S. (2016). *The Economics of Money Banking and Financial Markets*. Pearson.

Romer, David (2012). *Advanced Macroeconomics*. McGraw Hill Education.

Romer, D. & Mankiw, N. Gregory (1995). *New Keynesian Economics (Volume-2)*. MIT Press.

Sheffrin, Steven M. (1996) *Rational Expectations*. Cambridge University Press

Course Title: Philosophy of Socio-Economic Change Course Code: BA/ECO/SM/4/DSC/205	Total Credits:4 Time:3 Hrs. Marks:100 External:70 Internal:30
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Note for the Paper Setter
 The question paper will consist of *nine* questions in all. First question will be compulsory and will consist of seven short questions of two marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.

Course Outcomes

CO1	Understand, explain and apply the different theories of cognition, roots and growth of knowledge, truth and its Criterion along with the ability to think critically and analyze The prevailing conditions of society.
CO2	Understand and able to analyze the basics of Idealism& Materialism, Metaphysics & Dialectics, Dialectical Materialism and Laws of Dialectics along with the ability to Think critically and analyze the prevailing conditions of society.
CO3	Familiar with mode of production and Social Superstructure and its elements, Historical Materialism, Fundamental law of Social Development, Economic laws and their utilization along with the ability to think critically and analyze the prevailing Conditions of society.
CO4	Understand the rise of private property and features of different stages of economic development along with the ability to think critically and analyze the prevailing Conditions of society.

Unit-I

Theory of Cognition: Roots of the Knowledge and Growth of the knowledge.

Truth and Its Criterion: Absolute and Partial Truth, Relativity of Truth and progress of truth.

Unit-II

Scientific Socialist World Outlook: Idealism& Materialism, Metaphysics & Dialectics.

Dialectical Materialism: Laws of Dialectics, Transformation of quantitative into qualitative changes, Unity and Struggle, Negation of negation.

Unit-III

Mode of production and Social Superstructure: Factors constituting and forces governing mode of Production, Social Superstructure and its elements. Dialectical interaction of base & Superstructure.

Historical Materialism: Meaning of Historical Materialism, Fundamental law of Social Development, Economic laws and their utilization.

Unit-IV

Historical Social Formation: Rise of private property, Classes & the State

Distinguishing Features: Primitive Communism/ Society, Slavery, Feudalism/serfdom, Capitalism/ imperialism and Socialism/ communism.

ReadingList

Andre Gunder Frank (1975) *On Capitalist*

Underdevelopment, Oxford University Press, Delhi

Cornforth, Maurice (1971) *Dialectical Materialism*, National Book Agency Pvt. Ltd., Calcutta, 3rd edition

Eaton, John (1973): *Political Economy*, International Publishers, New York, revised edition. Marx, Karl & F. Engels (1977): *Manifesto of the Communist Party*, Progress Publishers, Moscow, 2nd edition

Stalin, Joseph (1978) *Dialectical Materialism*, National Book Agency Pvt. Ltd., Calcutta.

Sweezy, Paul M. (1991): *The Theory of Capitalist Development*, K. P. Bagchi & Co., New Delhi, 1st Indian reprint.

V. I. Lenin (1978): *Imperialism: The Highest Stage of Capitalism*, Progress Publishers, Moscow, 17th ed., Chapters 1 to 10 or Lenin's Collected Works, Vol. 22.

Course Title: Statistics and Mathematics for Economists Course Code: BA/ECO/SM/4/DSC/206		Theory Credits: 4 Time: 3 Hrs. Marks: 100 External: 70 Internal: 30
Note for the paper Setter The question paper will consist of <i>nine</i> questions in all. The first question will be compulsory and will consist of seven short questions of 2 marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.		
Course Outcomes		
CO1	To understand the basic knowledge of statistics.	
CO2	To Understand the various measurements of disperse.	
CO3	Students will be able to understand about linear and quadratic function.	
CO4	To analyse and understand the matrix and various types.	
Unit-I		
Statistics; Definitions, Scope and limitations. Measures of Central Tendency; definition, Types of Average, Arithmetic Mean, Combined Arithmetic Mean, Correct and incorrect value of Mean, Mathematical Properties of Arithmetic Mean. Calculation of Geometric Mean and Harmonic Mean.		
Unit-II		
Dispersion: Meaning and objectives of measuring dispersion. Methods of Measuring Dispersion: Range and Coefficient of Range, Interquartile Range and Quartile Deviation, Coefficient of Quartile Deviation, Mean Deviation and Coefficient of Mean Deviation. Standard Deviation Combined Standard Deviation, Mathematical Properties of Standard Deviation, Variance, Coefficient of Variation, and Construction of Lorenz Curve.		
Unit-III		
Functions: Concept and types of functions; Linear and Quadratic, Logarithmic, and Exponential function; Limits, Continuity and derivatives; Rules of differentiation and its economic applications. Rules of Partial differentiation and its economic applications. Elasticity and their types.		
Unit-IV		
Concept of Matrix and their types, simple operations on matrices, matrix inversion and rank of matrix; Determinants and their properties. Solution of simultaneous equations through Cramer's rule and Matrix inverse method and their economic applications.		
Reading List Gupta S. C. "Fundamentals of Statistics" S. Chand & Sons, New Delhi (1993) Spiegel, Murry R "Theory and problems of Statistics" (Schaum's outline series,		

McGraw Hill) (1992)

Karmal P. H. and Polasek M. "Applied Statistics for Economists (4th edition), Pitman, Australia.

Mathematics for Economics by Michael Hoy et al, PHI, New Delhi, 2004.

Quantitative Methods for Business and Economics by Adil H. Mouhammed, PHI, New Delhi, 2003.

Quantitative Methods by D.R. Aggarwal

Basic Mathematics for Economists by R.C. Joshi, New Academic Publishing

Leontief, W. (1936) Quantitative input-output relations in the economic systems of the United States"Review of Economics and Statistics, Vol 18, pp.105-125.

Miller, R.E. and P.D. Blair (1985) ,"Input-Output Analysis: Foundations and Extensions. Prentice-Hall, Englewood Cliffs, New Jersey.

Proops, J., Faber, M. and Wagenhals, G. (1993) Reducing CO2 Emissions: A Comparative Input-Output Study for Germany and the UK, Springer-Verlag, Heidelberg.

Course Title: Financial Institutions and Markets Course Code: BA/ ECO /SM/4/MIC/203		Theory Credits: 4 Time: 3 Hrs. Marks: 100 External: 70 Internal: 30
Note for the Paper Setter The question paper will consist of <i>nine</i> questions in all. First question will be compulsory and will consist of seven short questions of two marks each covering the whole syllabus. In addition, eight more questions will be set unit-wise comprising of two questions from each of the four units. The candidates are required to attempt four more questions of 14 marks each selecting at least one question from each unit.		
Course Outcomes		
CO1	To enable the students with Financial Markets and its various segments.	
CO2	Give the students an understanding of SEBI and RBI	
CO3	Acquaint them to gain an insight into the functioning and role of Development banks.	
CO4	Gain knowledge about different types of mutual funds	
Unit-I		
Introduction: Nature and role of financial system and financial markets; Financial system and economic development; An overview of Indian financial system; Financial markets: Money and Capital markets; Money market-meaning, constituents and functions, money market instruments, Recent developments in Indian money market; Capital market- primary and secondary market; government securities market; Industrial securities market; Recent developments in Indian capital market;		
Unit-II		
SEBI- Its formation, Role and recent developments; Reserve Bank of India: Organization, management and functions; Credit creation and Credit control; Monetary policy.		
UNIT-III		
Commercial banks: meaning and functions, Structure and recent developments in commercial banking in India; Development banks: Concept, objectives and functions of development banks; Operational and promotional activities of development banks; IFCI, ICICI, IDBI, IRBI, SIDBI, NABARD and state level development banks.		

Unit-IV

Mutual funds: Concept, types, and regulation of mutual funds (with special reference to SEBI guidelines), Designing and marketing of mutual fund schemes, Appraisal and latest mutual fund schemes in India.

Reading List:

1. Avdhani: Investment and Securities Markets in India, Himalaya Publications, Bombay.
2. Averbach, Robert D: Money, Banking and Financial Markets; MacMillan, London.
3. Bhole, L.M.: Financial Markets and Institutions, Tata McGraw Hill, Delhi.
4. Ghosh, D: Banking Policy in India, Allied Publications, Delhi.
5. Giddy, I.H: Global Financial Markets, A.I.T.B.S., Delhi.
6. Khan, M.Y: Indian Financial System, Tata McGraw Hill, Delhi.

Course Title: Business Correspondent and Business Facilitator Course Code: BA/ ECO /SM/4/MIC/204		Theory Credits: 2 Practical Credits:2 Time: 2 Hrs. Marks: 100 Int. Marks: 15 End Term: 35 Practical Record: 25 Viva Voce: 25
Note for the paper Setter The question paper will consist of five questions in all. First question will be compulsory and will consist of five short questions of two marks each covering the whole syllabus. In addition, four more questions will be set unit-wise comprising of two questions from each of the two units. The candidates are required to attempt two more questions at least one question from each unit.		
Course Outcomes		
CO1	Learn about basic financial tools and techniques and technical knowledge about banking products and processes.	
CO2	Understanding the basic banking products and processes with government schemes.	
CO3	Understanding technical knowledge about banking products and processes, assist with application process and facilitate and/or execute cash or cashless transaction.	
CO4	Learn about on-going services, how to communicate effectively and maintain customer- centric service orientation, how to maintain integrity and ethics.	
Unit-I		
Basic financial arithmetic: Calculate percentage, calculate simple interest and compound interest, Calculate rate of return of an investment. Explain the concepts of economy, finance, and financial statements. Technical knowledge about banking products and processes: <i>Differentiation</i> between various banking products (loans, deposits,etc.); Distinguish between various types of deposits; Description of various principles of lending for different loans (housing, vehicle, rural and personal loans)		
Unit-II		
Role, function and structure applicable to business correspondents: Banking regulations that are applicable to business correspondents; Process for updation of records in the system. Government Schemes: Jan Dhan Yojana, Atal Pension Yojana, Sukanya Samruddhi Yojana, Ayushman Bima Yojana, Pradhan Mantri MUDRA Yojana, Pradhan Mantri Suraksha Bima Yojana and Pradhan Mantri Jeevan Jyoti Bima Yojana. Source new customers: Describe the ways to segment prospective customers according to		

demographics for the areas signed, explain ways to approach prospective customers.

Unit-III

Source new customers: Explain ways to ascertain customer needs and suggest appropriate products based on need. Explain features, terms and conditions of product to customer. Explain the application process with timelines

Assist with application process: Describe the process o account to opening, application form and documentation. Explain the list of documents required for KYC and their relevance: Proof of income documents; Proof of age document; Identity proof documents. Demonstrate filling an Account Opening Form. Summarize the areas of critical importance while filling of application form and documentation.

Facilitate and/ or execute as or cashless transactions: Describe the process for cash withdrawals and cash deposits with documents required for the transaction. Explain the importance/ relevance of recording transactions conducted on behalf of customer Explain the SOP for security procedures for handling cash / cheque transactions. Demonstrate ways of handling queries related to cash / non-cash transactions with customer.

Unit-IV

Provide on-going services: Explain the importance of follow up visits for post-sale services and recovery of loan accounts. Demonstrate the ways to handle queries and grievances related to regular banking transactions and loans. Describe the process for updating address and nominee details in bank account, etc.

Communicate effectively and maintain customer- centric service orientation: *Discuss* the importance of gender sensitivity, culture and social factors w.r.t. Communication. Explain the ways to handle irate customer and the process of escalating customer concerns Discuss the importance of maintaining clarity, honesty and transparency in dealing with customers and colleagues. Demonstrate different types of voice modulation. Discuss the importance of body language and its impact on communication.

Reading List

Indian Institute of Banking and Finance (2018) *Inclusive Growth through Business Correspondent*, Taxmann Publication Pvt. Ltd., New Delhi.

Blackburn, A. C. (1965) *Pocket Book of Business Correspondent*, EVANS Brothers Ltd.

AIJECT Content Group (2017) *Business Correspondent and Business Facilitator*

Course Title: Statistical Applications in Economics Course Code: BA/ECO/SM/4/SEC/202		Total Credits: 3 (Practical) Time: 3 Hrs. Marks: 75 (Further division of marks will be as per university norms)
Course Outcomes		
CO1	To understand data of NSSO and sources of inflation, agriculture and industries.	
CO2	To understand the basic concepts and analysis of SPSS.	
CO3	To understand Hypothesis and test of significance.	
Unit-I		
Sources of data: NSSO Data: Introduction to various rounds; Coverage, important categories and limitations. Data Sources on Inflation: Consumer Price Index and Wholesale Price Index. Sources of economic data available on agriculture and industries.		
Unit-II		
Introduction to SPSS: Some basic commands and data entry defining variables.Statistical processing and technique: summarizing and analysis of data: descriptive statistics: mean, median, mode, standard deviation, co variance, etc.		
Unit-III		
Understanding Hypothesis and test of significance: Hypothesis testing, correlation and regression analysis in SPSS, estimation of growth rates.		
Suggested Readings: Gupta S. C. “Fundamentals of Statistics” S. Chand & Sons, New Delhi (1993) Gujarati, D. (2002). <i>Basic Econometrics</i> (4th ed.). McGraw Hill. George, Darren Mallery Paul (2011), <i>SPSS for Windows step by step: A simple guide and reference</i> 15.0, Pearson Education, New Delhi. Data Sources: <ol style="list-style-type: none"> 1. RBI Database on Indian Economy 2. Latest National Account Statistics India (CSO) 3. India Statistics (CSO – Cover Agriculture, Industry, Service and Social Sector) 4. Economic Survey Database 5. Indian Planning Experience - A Statistical Profile 6. District Domestic Products (All Major States – 1999-00 to 2008-09) 7. Planning Commission Socio-economic Database on Indian Economy 		

CDLU/VAC/102

Professional Skills

Credits: 2 (Theory)

Lectures: 30

Duration of Exam: 2 Hrs.

Max. Marks: 50

Final Term Exam: 35

Internal Assessment: 15

COURSE OBJECTIVES

- Acquire career skills and fully pursue to partake in a successful career path
- Prepare a good resume
- Prepare for interviews and group discussions

LEARNING OUTCOMES

- Participate in a simulated interview.
- Actively participate in group discussions towards gainful employment.
- Capture a self-interview simulation video regarding the job role concerned.

Unit-1

Résumé Skills: Preparation and Presentation, Introduction of Résumé and Related Terms, Importance of Preparing a Good Résumé, Difference between a CV, Résumé, and Biodata, Essential Components of a Good Résumé, Résumé Skills: Common Errors, Common Errors, Guidelines for Résumé Preparation.

Interview Skills: Preparation and Presentation, Meaning of Interview, Types of Interview, STAR Approach for Facing an Interview, Interview Procedure, Do's and Don'ts, Important Questions Generally Asked in a Job Interview, Interview Skills: Common Errors, Common Errors, Interview Questions for Assessing Strengths and Weaknesses, Simulation, Job Simulation Formats, Comment Critically on Simulated Interviews, Demonstrate an Ideal Interview.

Group Discussion: Meaning of a Group Discussion, Importance of a Group Discussion, Types of Group Discussions, Procedure of a Group Discussion, Methodology, Ground Rules, Stages of group formations, Evaluation of Group Discussion, Common Errors, Simulation.

Process of Career Exploration: Knowing Yourself, Personal Characteristics, Knowledge about the World of Work, Requirements of Jobs Including Self-employment, Sources of Career Information, preparing for a Career Based on Potentials of Learners and Availability of Opportunities.

Cognitive Skills: Meaning, types of cognitive skills, and strategies, Critical Thinking Skills, Problem-solving Skills, Ability to Learn.

Non-cognitive Skills: Meaning, Types of Non-Cognitive skills and Strategies, Empathy, Teamwork, Creativity, Collaboration, Resilience, Interpersonal Skills, Perseverance, Self-Control, Social Skill, Peer Pressure, Stress and Stress Management.

Unit-2

Presentation Skills: Meaning and Types, Meaning of Presentation, Types of Presentations, Presentation for Internal and External Communication, Presentation Strategies, Ways to Improve Presentation Skills over Time.

Trust and Collaboration: Explain the importance of trust in creating a collaborative team, Definition of Trust, Importance of Trust in Creating a Collaborative Team, Strategies to Build Trust with Employees, Criteria for Evaluation of Trust and Collaboration in Teams, Agree to Disagree and Disagree to Agree– Spirit of Teamwork, Understanding Fear of Being Judged and Strategies to Overcome Fear, Understanding the Fear of Being Judged, Signs and Symptoms of Social Anxiety Disorder, Strategies to Overcome Fear or Social Anxiety.

Listening as a Team Skill: Listening Skill, Advantages of Effective Listening Skills, Types of Listening, Listening as a Team Member and Team Leader, Listening as a Team Leader, Listening as a Team Member, Improving Listening Skills, Uses of Active Listening Strategies to Encourage Sharing of Ideas, The Importance of Active Listening in the Workplace, Strategies for Improving Active Listening Skills to Encourage Sharing of Ideas.

Brainstorming: The Meaning and Process, Procedure for Conducting Brainstorming, Importance of Using the Brainstorming Technique, Types of Brainstorming, Learning and Showcasing the Principles of Documentation of Team Session Outcomes.

Social and Cultural Etiquettes: Meaning, Need for Effective Interpersonal Relationships, Aspects of Social and Cultural/Corporate Etiquette in Promoting Teamwork, Social Etiquette, Cultural Etiquette and its role in promoting teamwork, Corporate/Professional Etiquette.

Internal Communication: Meaning, Need for Internal Communication, Use of Various Channels of Transmitting Information to Team Members including Digital and Physical.

Suggested Readings: Follow Curriculum and Guidelines for Life Skills (Jeevan Kaushal) 2.0 at UGC website:

[https://www.cdu.ac.in/assets/admin/miscellaneous/Implementation%20of%20Curriculum%20and%20Guidelines%20on%20Life%20Skills%20\(Jeevan%20Kaushal\)%202.0.pdf](https://www.cdu.ac.in/assets/admin/miscellaneous/Implementation%20of%20Curriculum%20and%20Guidelines%20on%20Life%20Skills%20(Jeevan%20Kaushal)%202.0.pdf)

Note for the Paper Setter: *The question paper will consist of **five** questions in all. The first question will be compulsory and will consist of **seven** short questions of **1** marks each covering the whole syllabus. In addition, **four** more questions of **14 marks each** will be set unit-wise comprising of **two** questions from each of the **two** units. The candidates are required to attempt **one compulsory question and two more questions** selecting at least one question from each unit.*