

BACHELOR OF ARTS ECONOMICS

Programme SYLLABUS



SREENARAYANAGURU
OPEN UNIVERSITY

SREENARAYANAGURU OPEN UNIVERSITY

(The State University for Education, Training and Research in Blended Format, Kerala)

SREENARAYANAGURU

O P E N U N I V E R S I T Y



B.A. ECONOMICS

PROGRAMME SYLLABUS

(Semester I, II, III, IV, V & VI)

Version 3.0

2023-24 Admission
Onwards
July-August Session
Onwards

CBCS-UG Regulations 2021

SREENARAYANAGURU OPEN UNIVERSITY

Programme Structure Template -Bachelor of Arts (BA)

Sem ester	Discipline Core Course (6 Credit each)	Discipline Specific Elective (6 Credit each)	Ancillary Courses (6 Credit each)	Language Core (6 Credit each)	MIL (6 Credit each)	Generic Elective (2 Credit)	Ability Enhancement Compulsory Course (4 Credit each)	Skill Enhancement Course (2 Credit each)	Skill Enhancement Compulsory Course (2 Credit)	Project (6 Credit)	Total Credit per Semester
I	DC-1		AN-A-1	ENG-1 (LC)			AC -1				22
II	DC-2		AN-B-1		MIL-1		AC-2				22
III	DC-3		AN-A-2	ENG-2 (LC)				SE-1	SC		22
IV	DC-4	DE-1/ DE-2 (any one)	AN-B-2		MIL-2						24
V	DC-5	DE-3/ DE-4/ DE-5/ DE-6 (any two)				GE-1		SE-2			22
VI	DC-6					GE – 2				DP	20
	DC-7										
Total	42 Cr	18 Cr	24 Cr	12 Cr	12 Cr	4 Cr	8 Cr	4 Cr	2 Cr	6 Cr	132 Cr

DC	: Discipline Core Course	SE	: Skill Enhancement Course (Core)
DE	: Discipline Specific Elective Course	AC-1	: Environmental Studies
AN-A	: Ancillary Course – A	AC-2	: Communication course (English or MIL)
AN-B	: Ancillary Course – B	SC	: Humanism and Logic
GE-1	: Generic Electives from English or MIL	MIL	: Modern Indian Languages

GE-2	: Generic Electives from Other Disciplines	DP	: Dissertation / Project
ENG	: English Language Core		

Programme Details

First Semester			
Sl. No.	Type of the Course	Course Code	Course Name
1	Discipline Core	B21EC01DC	Microeconomics I
2	Ancillary Course	B21HS31AN	Social Formation in World History
3	Language Core Course	B21EG01LC	Reading & Writing English
4	Ability Enhancement Compulsory Course (AC-1)	B21ES01AC	Environmental Studies

Second Semester			
Sl. No.	Type of the Course	Course Code	Course Name
1	Discipline Core	B21EC02DC	Mathematics for Economics
2	Ancillary Course	B21PS01AN	Indian Political System and Democracy
3	Modern Indian Languages (MIL-1) (Learners can choose any one)	B21AR01LC	Functional Arabic
		B21HD01LC	हिंदी गद्य साहित्य और संरचना (Hindi Gadya Sahitya Aur Samrachana)
		B21ML01LC	മലയാളസാഹിത്യം: കവിത-കഥ-ഉപന്യാസം- നോവൽ (Malayalasadhiyam: Kavita- Kadha- Upanyasam-Novel)
		B21SN01LC	गद्य नाटकं च (Gadyam Natakam)

			Cha)
4	Ability Enhancement Compulsory Course (AC-2) (Learners can choose any one)	B21AR01AC	Communication in Arabic
		B21EG01AC	English for Communication
		B21HD01AC	रोज़मर्रा हिंदी(Rozmara Hindi)
		B21ML01AC	പ്രയോഗികമലയാളം (Prayogikamalayalam)
		B21SN01AC	व्यावहारिकसंस्कृतम् (Vyavaharikasamskarutham)

Third Semester			
Sl No	Type of the course	Course Code	Course Name
1	Discipline Core	B21EC03DC	Microeconomics II
2	Ancillary Course	B21HS32AN	Social Formation in India
3	Language Core Course	B21EG02LC	Literature and the Contemporary World
4	Skill Enhancement Compulsory Course (SC)	B21UC01SC	Humanism and Logic
5	Skill Enhancement Course (SE -1)	B21EC01SE	Accounting with Tally

Fourth Semester

SI No`	Type of the course	Course Code	Course Name
1	Discipline Core	B21EC04DC	Statistics for Economics
2	Discipline Specific Elective Course (Learners can choose any one)	B21EC01DE	Mathematical Economics
		B21EC02DE	Money and Banking
3	Ancillary Course	B21PS02AN	Understanding Political System
4	Modern Indian Languages (MIL -2) (Learners can choose any one. The language chosen as MIL-2 should be same as MIL- 1)	B21AR02LC	Literature in Arabic
		B21HD02LC	हिंदी पद्य साहित्य और अनुवाद (Hindi Padya Sahitya Aur Anuvad)
		B21ML02LC	മലയാളസാഹിത്യ മാതൃകകൾ : ആത്മകഥ, ജീവചരിത്രം, യാത്രാവിവരണം, അനുഭവ സാഹിത്യം (Malayalasadhiya Mathrukakal: Aathmakadha, Jeevacharithram, Yathravivarana, Anubhavasahithyam)
		B21SN02LC	महाकाव्यं गद्यकाव्यं च (Mahakavyam Gadyakavyam Cha)

Fifth Semester

SI No	Type of the course	Course Code	Course Name
1	Discipline Core	B21EC05DC	Macroeconomics I
2	Discipline Specific Elective Courses (Learners can choose any two)	B21EC03DE	Development of Economic Thought
		B21EC04DE	Development Economics
		B21EC05DE	International Economics

		B21EC06DE	Public Economics
3	Generic Electives I (GE-1) (Learners can choose any one. General Electives from Core Discipline cannot be chosen)	B21AR01GE	Modern Standard Arabic
		B21EG01GE	Appreciating Literature
		B21HD01GE	व्यावहारिक हिन्दी (Vyavaharik Hindi)
		B21ML01GE	ആധുനിക മലയാളസാഹിത്യ ചരിത്രം (Aadhunika Malayalasahithyacharithram)
		B21SN01GE	संस्कृतसोपानम् (Samskruthasopanam)
4	Skill Enhancement Course (SE -2)	B21EC02SE	Digital Economy and E-Commerce

Sixth Semester			
SI No	Type of the course	Course Code	Course Name
1	Discipline Core	B21EC06DC	Macroeconomics II
2	Discipline Core	B21EC07DC	Economic Development and Policy in India
3	Generic Electives II (GE-2) (Learners can choose any one. General Electives from Core Discipline cannot be chosen)	B21BB01GE	Entrepreneurship and Startups
		B21CA01GE	Computer Systems and Internet Technologies
		B21CM01GE	Banking
		B21HS01GE	Modernization of Kerala
		B21PH01GE	Introduction to the Philosophy of Sreenarayanaguru

		B21SO01GE	Introduction to Sociology
		B23PY01GE	Essentials of Psychology
		B23PS01GE	Introduction to Political Science
4	Dissertation / Project Courses (DP)	B21EC01PR	Dissertation / Project

Evaluation:

The evaluation of the programme will be based on two modes:

1. Continuous Internal Evaluation (CIE).
2. End Semester Examination (ESE).

The CIE and ESE will be in the ratio of 30:70

First Semester

DISCIPLINE CORE COURSE

B21EC01DC

MICROECONOMICS I

CREDITS: 6

Course Objectives:

This course is designed to acquaint the students with the basic concepts of microeconomic theory. The course also helps the students to think like an economist and apply micro economic concepts to analyse real life situations.

Course Outcomes:

1. To understand the basic concepts of Microeconomics.
2. To familiarise with the demand and supply aspects so that students will be able to determine equilibrium.
3. To understand consumer and producer behaviour.
4. To understand the basic concepts of cost and revenue and enable the student to analyse the market behaviour.

Course Outline

Block 1: Introduction to Microeconomics
Block 2: Demand, Supply, and Equilibrium
Block 3: Utility Analysis
Block 4: Theory of Production
Block 5: Cost and Revenue
Block 6: Individual Choice under Uncertainty

COURSE DETAILS

BLOCK 1: Introduction to Microeconomics

Unit 1

Definitions of Economics – Wealth definition - Welfare definition - Growth definition - Microeconomics

Unit 2

Approaches to Microeconomic analysis - Positive and normative analysis - Short run and long run analysis - Partial and General Equilibrium analysis

Unit 3

Scarcity and choice - Opportunity cost- Production Possibility Curve (PPC)

BLOCK 2: Demand, Supply, and Equilibrium

Unit 1

Demand - demand function - law of demand - Reasons of downward sloping demand curve - Expansion and contraction of demand curve - Increase and decrease in demand curve - Elasticity of demand - Price, income and cross elasticity of demand

Unit 2

Supply analysis - Supply function - Supply schedule - Supply curve - Law of supply

Unit 3

Expansion and contraction of supply - Increase and decrease in supply - Determinants of supply - Elasticity of Supply - Equilibrium

BLOCK 3: Utility Analysis

Unit 1

Utility Analysis - Cardinal Utility - Marshall's Utility Approach - Law of diminishing marginal utility - Equi-marginal utility - Consumer equilibrium in cardinal utility approach - Derivation of demand curve in cardinal utility theory - Limitations of cardinal utility approach

Unit 2

Indifference curve analysis - indifference curve - properties - Indifference map - Marginal rate of substitution (MRS) - Budget constraint - Consumer's equilibrium

Unit 3

Income and price effects - Income consumption curve (ICC) - Price consumption curve (PCC) - Derivation of demand curve from indifference curve - Consumer surplus

Unit 4

Revealed Preference Hypothesis - Strong and Weak Axioms

BLOCK 4: Theory of Production

Unit 1

Production - Production function - Behaviour of profit maximising firm - The shape of total, average and marginal product curves.

Unit 2

Laws of Production - Law of variable proportions - Laws of returns to scale - Isoquants, Marginal Rate of Technical Substitution (MRTS) - Properties of isoquant - Isocost line- Producer's Equilibrium.

Unit 3

Homogeneous Production Function - Cobb Douglas Production function - A linearly Homogeneous production function

BLOCK 5: Cost and Revenue

Unit 1

Cost - Cost concepts - Traditional theory of cost - short run and long run cost curves

Unit 2

Economies and diseconomies of scale - Expansion path - Relation between expansion path and long run total cost curve

Unit 3

Revenue - concepts - TR AR and MR – Relationship

BLOCK 6: Individual Choice under Uncertainty

Unit 1

Risk and Uncertainty - Individuals' attitude towards risk

Unit 2

Choice under uncertainty - St. Petersburg Paradox and Neumann and Morgenstern theory

Reference

1. Pindyck, R.S., Rubinfeld, D. L., & Mehta, P. L. (2013) *Microeconomics* (Seventh edition), Pearson Education Prentice Hall.
2. Salvatore, D. (2003) *Microeconomics Theory and Applications* (Fourth Edition), Oxford University Press.

3. Snyder, Christopher and Walter, Nicholson (2017) *Microeconomic Theory-Basic Principles and Extensions*, Cengage Learning.
4. Varian, Hal R.(2010) *Intermediate Microeconomics: A Modern Approach*, 8th Edition, W.W Norton and Company/ Affiliated east- West Press(India).
5. Samuelson, P. A., & W. D. Nordus (1998) *Economics*, Tata McGraw Hill :New Delhi
6. Lypsy & Chrystal (1999) *Principles of Economics* (Ninth Edition), Oxford University Press.
7. Koutsoyiannis, A. (1990) *Modern Microeconomics*, Macmillan.
8. Maddala, G. S. & Miller Ellen (2013) *Microeconomics Theory and Applications*, (Tenth Edition), McGraw Hill Education Private Limited.
9. Dwivedi, D.N. (2012) *Microeconomics: Theory and Applications* (Second Edition), Pearson.
10. Mukherjee,S.(2009) *Analytical Microeconomics* (Second Edition), New Central Book Agency.

ANCILLARY COURSE
B21HS31AN
SOCIAL FORMATION IN WORLD HISTORY
CREDITS: 6

Course Objectives:

This course introduces the learners to the transition of societies and its complexities throughout human history. It explores the evolution of means of production, political institutions and patterns of social relations in the world.

Course Outcomes:

The course is expected to

1. Familiarise the students with a theoretical framework for understanding the evolution and transition of societies vis-à-vis world history.
2. Students will get an introductory idea about the successive modes of production, through the slave societies, feudalism, industrial capitalism and actually existed/ existing socialisms, right up to contemporary capitalism and its modus operandi.

Course Outline

Block 1. Theoretical framework for Evolution and Transition of societies.

Block 2: Slave Society

Block 3: Feudalism

Block 4: Industrial Revolution and Capital

Block 5: Socialism, Democracy and Post-industrial Societies

Block 6: Contemporary Capitalism

COURSE DETAILS

BLOCK 1: Theoretical framework for Evolution and Transition of societies

Unit 1: Mode and means of production

Unit 2: Private property - Surplus - Appropriation

Unit 3: Class formation and consciousness

Unit 4: Societies and social change.

BLOCK 2: Slave Society

Unit 1: Slave as commodity and source of labour

Unit 2: Greece, Athens and Sparta

Unit 3: American practices

Unit 4: Surplus and urbanisation

BLOCK 3: Feudalism

Unit 1: Changes in mode of production

Unit 2: Fragmentation - Feudal social order

Unit 3: European practices

Unit 4: Decline of surplus and decade of urban centres.

BLOCK 4: Industrial Revolution and Capital

Unit 1: Early capitalism

Unit 2: Urbanism

Unit 3: Colonialism

Unit 4: Imperialism.

BLOCK 5: Socialism, Democracy and Post-industrial Societies

Unit 1: Socialist societies

Unit 2: USSR and China

Unit 3: New democracies in the post II World War period

Unit 4: Postindustrial societies

BLOCK 6: Contemporary Capitalism

Unit 1: Globalisation

Unit 2: Liberalisation

Unit 3: Multinational Companies

Unit 4: Trade Tariffs

References:

1. Arvind Sinha, *Europe in Transition: From Feudalism to Industrialization*, Manohar Publishers and Distributors, 2010.
2. Cohen C A, *Karl Marx's Theory of History: A Defence*, Princeton University Press, 2001.
3. Ellen Meikins Wood, *The Origin of Capitalism*, Verso Publishers, 2017.
4. Gordon Childe, *What Happened in History*, Aakar Books, 2016.
5. Karl Polanyi, *The Great Transformation: The Political & Economic Origin of Our Time*, Beacon Press, 2001.
6. Marc Bloch, *Feudal Society – Vol I*, Aakar Books, 2017.
7. Maurice Dobb, *Political Economy & Capitalism*, Routledge, 2014.
8. Maurice Dobb, *Studies in the Development of Capitalism*, Routledge, 1965.
9. Perry Anderson, *Passage from Antiquity to Feudalism*, Verso Publishers, 2013.
10. R. Hilton (ed), *The Transition from Feudalism to Capitalism*, Aakar Books, 2010.
11. Saurez Villa, *Globalization & Techno Capitalism*, Routledge, 2012.
12. T H Aston & C H Philpin, *The Brenner Debate*, CUP, 1987.

LANGUAGE CORE COURSE
B21EG01LC
READING AND WRITING ENGLISH
CREDITS: 6

Course Objectives

1. Introduction to fundamental concepts and principles of communication, enabling learners to identify and appreciate the skills and techniques involved.
2. Reinforcement of critical thinking through various technicalities of reading.
3. Familiarisation with the nuances of language in literature.
4. Recognition and understanding of the grammatical structures of language to communicate effectively and learning to self-edit documents.
5. Development of the skill to use appropriate and contextual vocabulary and use of the skill to integrate the resources effectively.
6. Cultivation of the skills to merge thoughts into verbal expressions, utilising the techniques involved in writing academic documents to achieve specific purposes.

Course Outcomes

Upon completing the course, learners will,

1. have knowledge of various communication contexts that will enable the use of context-specific appropriate language.
2. be equipped with the skills to appreciate and evaluate a text, gaining the acquired skills in comprehending, even complex passages.
3. will have the competency to handle language in various literary and life contexts.
4. display acquired knowledge in structuring grammatical sentences while writing and speaking.
5. be able to process information from various sources and present it in a coherent manner.
6. understand the relevance of writing academic documents and display proficiency in using language in different styles and formats.

COURSE DETAILS

BLOCK 1: Glimpses of Communication

UNIT 1	Introduction to Communication
UNIT 2	Different Forms and Techniques of Communication
UNIT 3	Barriers and Guidelines for Effective Communication

BLOCK 2: Reading- The Effective Skill

UNIT 1	Introduction to Reading
UNIT 2	Types of Reading - Methods and Techniques involved in Reading
UNIT 3	Reading Comprehension
UNIT 4	Analysing Literature
	Essay - “The Dream and the Message” (Chapter 1 of <i>Ignited Minds</i>) - A. P. J. Abdul Kalam
	Short Story - “The Open Window” - H.H. Munro
	Poetry – “The Blessed Damsel”- Dante Gabriel Rossetti

BLOCK 3: Language Development

UNIT 1	Parts of Speech
UNIT 2	Sentences
UNIT 3	Concord
UNIT 4	Tenses

BLOCK 4: Basics of Writing in Communication

UNIT 1	Fundamental Approach to Writing
UNIT 2	Process Involved in Answering Questions
UNIT 3	Use Vocabulary to Express Thoughts

BLOCK 5: Summary, Essays, and Reports

UNIT 1	Summary Vs Precis
UNIT 2	Writing Abstract
UNIT 3	Essays
UNIT 4	Reports
UNIT 5	Editing and Proofreading

BLOCK 6: Practice, Practice, Practice

UNIT 1	Reading Comprehension Passages
UNIT 2	Grammar and Vocabulary
UNIT 3	Precis
UNIT 4	Essay Writing
UNIT 5	Report Writing

References

- Denison, Michaela and George. *English Language & Communication Skills*. SLWS, 2020.
- Hegarty, Carol. *English in Context Class Set*. Saddleback, 2000.
- Nida, Eugene A. *Words and Thoughts*. Sage, 1974.
- Side, R. and G. Wellman. *Grammar and Vocabulary*. Logman, 1999.

ABILITY ENHANCEMENT COMPULSORY COURSE (AC-1)
B21ES01AC

ENVIRONMENTAL STUDIES

CREDITS: 4

Course Objectives:

1. To understand the basic concepts of Environment and its linkages
2. To learn about the ecosystems, importance of biodiversity, renewable energy and sustainable development
3. To study the various environmental degradation problems and environmental management
4. To understand the various social issues related to environment

Course Outcomes:

At the end of the course, the learner will be able to:

1. Articulate the basic concepts of Environmental Studies and apply the knowledge practically
2. Describe the various natural resources and enumerate the conservation strategies
3. Articulate the importance of ecosystems, biodiversity and the need for environmental restoration
4. Explain different kinds of ecosystems
5. Explain the concept and types of biodiversity and conservation strategies
6. Describe methods for the protection and health of the environment and the well-being of people and economic development

Course Outline:

Block 1: Environment and Natural Resources

Block 2: Ecosystems, Biodiversity and Conservation

Block 3: Social Issues and Sustainable Development

Block 4: Environmental Ethics and Contemporary Environmental Issues

COURSE DETAILS

BLOCK 1: Environment and Natural Resources

Unit 1:	Definition, scope and multidisciplinary nature of environmental studies
Unit 2:	Natural resources
Unit 3:	Forest resources
Unit 4:	Water resources
Unit 5:	Land and Mineral resources
Unit 6:	Energy resources

BLOCK 2: Ecosystems, Biodiversity and Conservation

- Unit 1:** Concept, Structure and function of an ecosystem
- Unit 2:** Basic awareness on various ecosystems
- Unit 3:** Definition and levels of Biodiversity
- Unit 4:** Brief note on India as a mega-diversity nation
- Unit 5:** Threats to biodiversity
- Unit 6:** Biodiversity conservation at global, national and local levels

BLOCK 3: Social Issues and Sustainable Development

- Unit 1:** Environment and human health
- Unit 2:** Epidemiological issues in health
- Unit 3:** Need for public awareness on aspects related to the environment
- Unit 4:** Current environment conservation activities
- Unit 5:** Population growth, population explosion and associated issues
- Unit 6:** Sustainable development: definition and concept

BLOCK 4: Environmental Ethics and Contemporary Environmental Issues

- Unit 1:** Concept of Environmental ethics
- Unit 2:** Overview of solid waste segregation and management
- Unit 3:** Concept of global warming and climate change
- Unit 4:** Concept and definition
- Unit 5:** A brief overview of prominent natural disasters in India
- Unit 6:** List of important Acts and Rules for the conservation of the environment

References:

1. Agarwal, K.C. 2001 *Environmental Biology*, Nidi Publ. Ltd. Bikaner.
2. Agarwal, S.K. 2005. *Green Management*, APH Publishing Corporation, New Delhi.
3. Barceló, Damià, Kostianoy, Andrey, G., 2020. *The Handbook of Environmental Chemistry*, Book series. Springer (Pub).
4. Bharucha Erach, *The Biodiversity of India*, Mapin Publishing Pvt. Ltd., Ahmedabad –380 013, India.
5. Boero.G. and A.Silberston. 1995. *Environmental Economics*. St.Martin's Press, Inc., New York.
6. Carla Montgomery, 2020. *Environmental Geology* (11th Edition). McGraw Hill. ISBN 13: 9780078022951
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8. Cunningham, W.P. Cooper, T.H. Gorhani, E & Hepworth, M.T. 2001, *Environmental Encyclopedia*, Jaico Publ. House, Mumbai, 1196p
9. Daly, H.E. 1997. Beyond Growth: *The Economics of Sustainable Development*. Beacon Press.
10. Daniel, D. Chiras and Reganold, John, P. 2009. *Natural Resource Conservation: Management for a Sustainable Future*, Addison Wesley, Boston.
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13. Heywood, V.H &Waston, R.T. 1995. *Global Biodiversity Assessment*. Cambridge Univ. Press 1140p.
14. Jadhav, H & Bhosale, V.M. 1995. *Environmental Protection and Laws*. Himalaya Pub. House, Delhi 284 p.
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16. Odum, E.P. 1971. *Fundamentals of Ecology*. W.B. Saunders Co. USA, 574p.
17. Poonia and Sharma, 2018. *Environmental Engineering*, Khanna Books, ISBN: 9789386173577, 9386173573
18. Prashant K. Srivastava, Sudhir Kumar Singh, U. C. Mohanty, Tad Murty, 2020. *Techniques for Disaster Risk Management and Mitigation*. Wiley. P 352. ISBN: 978-1-119-35919-7.
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20. Townsend C., Harper J, and Michael Begon, *Essentials of Ecology*, Blackwell Science.
21. Trivedi R.K., *Handbook of Environmental Laws, Rules Guidelines, Compliances and Standards*, Vol I and II, Enviro Media (R).
22. Wagner K.D., 1998. *Environmental Management*. W.B. Saunders Co. Philadelphia, USA.

Second Semester

DISCIPLINE CORE COURSE
B21EC02DC
MATHEMATICS FOR ECONOMICS
CREDITS: 6

Course Objectives:

To familiarise the students with the concepts and methods of Mathematics, which are essential for analysing and applying economic concepts and data. The tools and techniques will be offered at an intermediary level with a social science perspective

Course Outcomes:

1. Understanding the various tools of mathematics.
2. Apply quantitative tools to draw conclusions for principles of economics.

Course Outline

Block 1: Basic Mathematical Concepts: Arithmetic and Algebra

Block 2: Fundamentals of Matrix Algebra I

Block 3: Fundamentals of Matrix Algebra II

Block 4: Differential Calculus

Block 5: Applications in Economics

Block 6: Integral Calculus

COURSE DETAILS

BLOCK 1: Basic Mathematical Concepts: Arithmetic and Algebra

Unit 1

Number System and arithmetic operations

Unit 2

Exponents - Factorization- Fractions - Proportions and Ratios

Unit 3

Algebra - Addition and Subtraction of Algebraic Expressions - Multiplication and Division of Algebraic Expressions.

Unit 4

Linear Equations - Solution to a Pair of Linear Simultaneous Equations

Unit 5

Quadratic Equations - Solution of Quadratic Equations

BLOCK 2: Fundamentals of Matrix Algebra I

Unit 1

Vector – Types and Operations of vectors - Meaning and types of Matrices

Unit 2

Elementary Operations of a matrix - Addition, subtraction, multiplication (up to 3x3)

Unit 3

Trace and Rank of a matrix

BLOCK 3: Fundamentals of Matrix Algebra II

Unit 1

Determinants (up to 3x3) and their properties

Unit 2

Minors and Cofactors - Adjoint matrix

Unit 3

Solution of System of linear equations - Cramer's rule - Eigen Values - Eigen vector

Unit 4

Inverse of a square Matrix

Unit 5

Uses of Matrices in Economics

BLOCK 4: Differential Calculus**Unit 1**

Concept of Limit - Rules of Differentiation - Higher Order Derivatives

Unit 2

Partial Derivatives - Rules of Partial Differentiation

BLOCK 5: Applications in Economics**Unit 1**

Familiarisation of Application of Calculus in Economics - Increasing and decreasing functions, Convexity and Concavity of Functions - Optimization of Functions (with one independent variable) - Maxima and Minima of Functions

Unit 2

Marginal Concepts and Total Concepts.

BLOCK 6: Integral Calculus**Unit 1**

Meaning and Rules of Integration - Integration by Substitution

Unit 2

Integration by Parts - Definite and Indefinite Integrals

Unit 3

Economic Applications of Integral Calculus - Total Cost - Total Revenue - Total Utility

References

1. Renshaw, Geoff, *Maths for economics*, 2nd edition, Oxford University Press.
2. Dowling, Edward T. *Introduction to Mathematical Economics* (3rd Edition), Schaum's Outline Series, McGraw-Hill.
3. Parry Lewis J., *An introduction to mathematics for Students of Economics* (2nd Edition), Macmillan Education.
4. Vassilis C. Mavron and Timothy N. Phillips, *Elements of Mathematics for Economics and Finance*, Springer
5. Chiang, Alpha C. and Kavin Wainwright (2005), *Fundamental Methods of Mathematical Economics*, Mc Graw Hill.
6. K. Sydsaeter and P. Hammond (2002) *Mathematics for Economic Analysis*, Pearson Educational Asia: Delhi,.
7. Mukherji and S. Guha (2011) *Mathematical Methods and Economic Theory*, Oxford University Press.

ANCILLARY COURSE
B21PS01AN
INDIAN POLITICAL SYSTEM AND DEMOCRACY
CREDITS: 6

Course Objectives:

The course is designed to expose students to the philosophical, theoretical and functional aspects of Indian Political system. It introduces the learner to the principles governing Indian democracy. It also familiarises the learner with the structure of the Indian constitution.

Course Outcomes:

1. The learner will be introduced to the basic ideas of Indian political system
2. The learner will be exposed to the institutional structure and functions of Indian democracy.
3. The course will familiarise the learner with the structure and working of the Indian constitution

Course Outline

Block 1: Philosophy of the Constitution

Block 2: Rights of Individuals and Directives to the State

Block 3: Political Institutions and the Indian Political System

Block 4: Political Process and the Indian Political System

Block 5: Understanding the Dimensions of Indian Federal System

Block 6: India and the Issues of Global Relevance

COURSE DETAILS

BLOCK 1: Philosophy of the Constitution

Unit 1: Legacy of national movement and making of the constitution

Unit 2: Salient Features of the Indian Constitution

Unit 3: The Preamble to the Indian Constitution- Philosophical basis.

Unit 4: Indian Multiculturalism and the Idea of 'Unity in Diversity'

BLOCK 2: Rights of Individuals and Directives to the State

Unit 1: Fundamental Rights and its role in the strengthening of Indian democracy

Unit 2: Fundamental Duties

Unit 3: Directives Principles of State Policy

Unit 4: Human Rights and NHRC

BLOCK 3: Political Institutions and the Indian Political System

Unit 1: The Parliament of India-Structure and Functions

Unit 2: The Executive in Indian Parliamentary System (President and Prime Minister)

Unit 3: The Judiciary of India – Supreme Court and High Courts - Structure and Functions

Unit 4: Judicial Review and Judicial Activism

BLOCK 4: Political Process and the Indian Political System

Unit 1: The Party System in India: Features and recent trends

Unit 2: Role of Interest groups and pressure groups

Unit 3: New Social movements and Non-Political mobilisations

Unit 4: Coalition politics and representation of regional aspirations

BLOCK 5: Understanding the Dimensions of Indian Federal System

Unit 1: Indian Federalism: Features and meaning

Unit 2: Division of powers and co-operative federalism

Unit 3: Centre-State relations: Administrative, Legislative and Financial

Unit 4: Challenges to Indian Federalism

BLOCK 6: India and the Issues of Global Relevance

Unit 1: Major Determinants of India's Foreign Policy

Unit 2: Changing trends in India's foreign policy

Unit 3: India's initiatives in maintaining international peace

Unit 4: India's Commitment to Global Environment

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MODERN INDIAN LANGUAGES

B21AR01LC

FUNCTIONAL ARABIC

CREDITS:6

Course Objectives

1. The student can communicate in Arabic in various situations
2. The student can express thoughts in oral and written form through simple sentences in Arabic.
3. The student can read and understand literary texts in Arabic
4. The student can analyze the literary texts in the light of theories of Arabic Grammar
5. The student can assimilate humanistic and moral values in his life

Course Outcome

At the end of the course students will be able to,

1. Communicate in Arabic in various situations
2. Express thoughts in oral and written form through simple sentences in Arabic.
3. Read and understand literary texts in Arabic
4. Analyze the literary texts in the light of theories of Arabic Grammar
5. Assimilate humanistic and moral values in his life

COURSE DETAILS

BLOCK 1: رمضان مبارك

UNIT 1	رمضان مبارك
UNIT 2	هل قضيت إجازة سعيدة
UNIT 3	قضاء وقت الفراغ
UNIT 4	مسابقة في المعلومات

BLOCK 2: ما رأيك في الواجب المنزلي

UNIT 1	ما رأيك في الواجب المنزلي
UNIT 2	الحفل التمثيلي
UNIT 3	جولة في المملكة العربية السعودية

BLOCK 3: سعاد توفر

UNIT 1	سعاد توفر
UNIT 2	اليوم الرياضي
UNIT 3	هل تفكر في مستقبلك
UNIT 4	رحلة إلى المنطقة الشرقية

BLOCK 4: ما رأيك في مصروف الجيب

UNIT 1	ما رأيك في مصروف الجيب
UNIT 2	اسأل وابحث
UNIT 3	الكلمات المتقاطعة

BLOCK 5: القاهرة من فوق البرج

UNIT 1	القاهرة من فوق البرج
UNIT 2	ما رأيك في الزي المدرسي
UNIT 3	وداعاً أيتها المدرسة

BLOCK 6: Tutorial

Practice sheets based on Blocks 1-5

*** All contents in the blocks are taken from the Book 'Al Arabiyya Li N-naashieen', Book of Students, Part 3, Published by Education Ministry, Kingdom of Saudi Arabia.**

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MODERN INDIAN LANGUAGE

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हिंदी गद्य साहित्य और संरचना

(Hindi Gadya Sahitya Aur Samrachana)

CREDITS: 6

पाठ्यक्रम उद्देश्य (Objectives):

छात्रों को हिन्दी साहित्य के विभिन्न गद्य रूपों से परिचित कराना, गद्य और निबंध लेखन के विभिन्न रूपों के बारे में छात्रों को परिचय देना। छात्रों को महत्वपूर्ण विचारों और मूल्यों की पहचान देना और ऐसी रचनाओं के विश्लेषण, व्याख्या और वर्णन करने में सक्षम बनाना।

पाठ्यक्रम परिणाम (Course Outcomes)

Co-1: हिन्दी कथा साहित्य की विशेषताओं का गहन ज्ञान प्राप्त करना और इसकी पारदर्शी चित्र प्राप्त करने में सक्षम होना। हिन्दी कथा साहित्य की उत्पत्ति और विकास और इसके विभिन्न रूपों से परिचय पाना।

Co -2: प्रतिनिधि लेखकों की मुख्य रचनाओं का परिचय करना, एवं उनके शिल्प को समझना, प्रमुख कहानियों का विश्लेषण करना और प्रमुख लेखकों के योगदान का मूल्यांकन करना।

Co -3: छात्रों को उचित शब्दावली के प्रयोग में सक्षम बनाना, बेहतर अभ्यास विकसित करना, हिन्दी भाषा में बेहतर संचार और लेखन कौशल विकसित करना।

Co -4: छात्रों को कथा लेखन के बारे में समझाना और रचनात्मक कौशल विकसित करने में सक्षम बनाना।

Co -5: गद्य के विभिन्न तत्वों का विश्लेषण करें और छात्रों को महत्वपूर्ण सोच और रचनात्मक कौशल से समृद्ध करें।

Co-6: नाटकों के आस्वादन और उसकी आलोचना करने की क्षमता हासिल करना और एकांकी के बुनियादी तत्व हासिल करना, प्रख्यात नाटककारों के रचनाओं से परिचय पाना।

ब्लॉक : 1 हिन्दी कहानी का सामान्य परिचय।

इकाई 1: हिन्दी कहानी का विकास।

इकाई 2: हिन्दी के प्रमुख कहानीकार।

इकाई 3: प्रेमचंद, प्रसाद, जैनेंद्र, अज्ञेय और उषा प्रियंवदा का योगदान।

ब्लॉक : 2 हिन्दी की प्रमुख कथाएँ।

इकाई 1: ईदगाह – प्रेमचंद

इकाई 2: वापसी – उषा प्रियंवदा

ब्लॉक : 3 गद्य का उद्भव और विकास।

इकाई 1: गद्य के प्रकार ।

इकाई 2: निबंध , जीवनी, आत्मकथा, यात्रावृत्त, सामान्य निबंध ।

इकाई 3: संस्मरण-रेखाचित्र, एकांकी, व्यंग्य आदि ।

ब्लॉक : 4 विविध गद्य रूपों का परिचय ।

इकाई 1: सदाचार का तावीज़ – हरिशंकर परसाई (व्यंग्य)

इकाई 2: रज़िया – रामवृक्ष बेनीपुरी (रेखाचित्र)

ब्लॉक : 5 संरचनात्मक व्याकरण ।

इकाई 1: शब्द-विचार ।

इकाई 2: संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण ।

इकाई 3: क्रिया ,क्रिया विशेषण , संबंधबोधक, समुच्चय बोधक ,विस्मयादी बोधक और काल ।

ब्लॉक : 6 व्याकरण के व्यावहारिक प्रयोग ।

इकाई 1: शुद्ध कीजिए

इकाई 2: अभ्यासार्थ अनुच्छेद

इकाई 3: अभ्यास के लिए रचना ।

सन्दर्भ ग्रंथ सूची : Reference

1.स्वातंत्रयोत्तर हिंदी कहानी : सं .कमलेश्वर ।

2.हिंदी कथा साहित्य एक दृष्टि : सत्यकेतु सांस्कृत ।

3.हिंदी का गद्य साहित्य : डॉ. रामचन्द्र तिवारी ।

4.परिष्कृत हिंदी व्याकरण : बद्रिनाथ कपूर I

മലയാളസാഹിത്യ : കവിത -കഥ - ഉപന്യാസം - നോവൽ

(Malayalasaahithyam: Kavita- Kadha- Upanyasam-Novel)

Credits: 6

Objectives

1. കവിത, കഥ, ഉപന്യാസം, നോവൽ എന്നീസാഹിത്യരൂപങ്ങളെപരിചയപ്പെടുക
2. പ്രമേയത്തിലും കലാതന്ത്രത്തിലും ജീവിതദർശനത്തിലും സംഭവിക്കുന്ന കാലാനുക്രമമായ പരിവർത്തനങ്ങൾ മനസ്സിലാക്കുക
3. ആധുനിക കാലം മുതൽ വർത്തമാനകാലം വരെയുള്ള സാഹിത്യത്തെ പരിചയപ്പെടുക
4. സാഹിത്യരൂപം എന്നനിലയിൽ കഥ, കവിത, ഉപന്യാസം, നോവൽ എന്നിവയുടെ ചരിത്രത്തെ വിമർശനാത്മകമായി സമീപിക്കുക

Course Outcomes

1. നവോത്ഥാനകാല കാഥികരുടെ കാലം മുതൽ വർത്തമാനകാലം വരെയുള്ള കഥകളുടെ ചരിത്രത്തെ പരിചയപ്പെടുന്നു
2. പ്രമേയത്തിലും കലാതന്ത്രത്തിലും ജീവിതദർശനത്തിലും സംഭവിക്കുന്ന കാലാനുക്രമമായ പരിവർത്തനങ്ങൾ മനസ്സിലാക്കുന്നു
3. ഉപന്യാസ സാഹിത്യത്തിന്റെ വൈവിധ്യം തിരിച്ചറിയുകയും പ്രതിപാദനരീതി പരിചയപ്പെടുകയും ചെയ്യുന്നു
4. മലയാള നോവലിന്റെ ചരിത്രവും പരിണാമവും മനസ്സിലാക്കുന്നു

COURSE DETAILS

ബ്ലോക്ക്1 :കവിത

ആധുനികതയുടെ കാലം മുതൽ വർത്തമാനകാലം വരെയുള്ള മലയാളകവിതാസാഹിത്യത്തെ പരിചയപ്പെടുക. മലയാളകവിതയുടെ പ്രമേയത്തിലും കലാതന്ത്രത്തിലും ജീവിതദർശനത്തിലും സംഭവിക്കുന്ന കാലാനുക്രമമായ പരിവർത്തനങ്ങൾ മനസ്സിലാക്കുക.

വിശദപഠനം

1. വിഷുക്കണി- വൈലോപ്പിള്ളിശ്രീധരമേനോൻ
2. എനിക്കുമരണമില്ല- വയലാർ രാമവർമ്മ
3. അമ്പലമണി- സുഗതകുമാരി
4. നാടെവിടെമക്കളേ - അയ്യപ്പപ്പണിക്കർ
5. ആശ്മന - റഫീക്ക്അഹമ്മദ്
6. ഇൻസ്റ്റലേഷൻ - വീരാൻകുട്ടി

ബ്ലോക്ക് 2 : കഥകൾ

നവോത്ഥാനകാല കാഥികരുടെ കാലം മുതൽ വർത്തമാനകാലം വരെയുള്ള കഥകളുമായുള്ള പരിചയംനേടുക, പ്രമേയത്തിലും കലാതന്ത്രത്തിലും ജീവിതദർശനത്തിലും സംഭവിക്കുന്ന കാലാനുക്രമമായ പരിവർത്തനങ്ങൾ മനസ്സിലാക്കുക. കഥകൾ എല്ലാം വിശദപഠനത്തിനായി നിർദ്ദേശിക്കപ്പെട്ടവയാണ്.

വിശദപഠനം

1. ജന്മദിനം - വൈക്കംമുഹമ്മദ്ബഷീർ
2. വെള്ളപ്പൊക്കത്തിൽ - തകഴിശിവശങ്കരപ്പിള്ള
3. കോലാട് - മാധവിക്കുട്ടി
4. പാപത്തറ - സാരാജോസഫ്
5. ദൽഹി 1981 - എം. മുകുന്ദൻ
6. റെയിൽപ്പാളത്തിലിരുന്ന്ഒരു കുടുംബംധ്യാനിക്കുന്നു - യു. കെ. കുമാരൻ

ബ്ലോക്ക് 3 : ഉപന്യാസം

ഉപന്യാസസാഹിത്യത്തിന്റൈവൈവിധ്യംതിരിച്ചറിയുകയുംപ്രതിപാദനരീതിപരിചയിക്കുകയുംചെയ്യുക.ആശയാവതരണംഗ്രഹിക്കുക.

വിശദപഠനം

1. സത്യവുംസൗന്ദര്യം - കുട്ടികൃഷ്ണമാരാർ (സാഹിത്യവിദ്യ)
2. കാളിദാസനുംകാലത്തിന്റൈദാസൻ - ജോസഫ്ജേക്കബ്ബ്
3. ആദർശമാനവികതയുടെസംഗീതം - കെ. പി. അപ്പൻ
(ചരിത്രത്തെഅഗാധമാക്കിയഗുരു)
4. സാമന്തസാഹിത്യം - വി. സി. ശ്രീജൻ

ബ്ലോക്ക് 4 : നോവൽ

വിശദപഠനം

1. എ മൈനസ്ബി- കോവിലൻ
2. കൊച്ചുരേത്തി- നാരായൻ

റഫറൻസ്

1. ഡോ. എം. ലീലാവതി, മലയാള കവിതാ സാഹിത്യ ചരിത്രം, കേരള സാഹിത്യ അക്കാദമി, തൃശ്ശൂർ
2. എം. അച്യുതൻ, ചെറുകഥ ഇന്നലെ ഇന്ന്, ഡിസി.ബുക്സ്, കോട്ടയം
3. സുകുമാർ അഴീക്കോട്, മലയാളസാഹിത്യ വിമർശനം, ഡിസി.ബുക്സ്, കോട്ടയം
4. കെ. എം. തരകൻ, മലയാളനോവൽ സാഹിത്യം, കേരളസാഹിത്യ അക്കാദമി, തൃശ്ശൂർ
5. ഡോ.എം.ലീലാവതി, വർണ്ണരാജി, എൻ.ബി.എസ്. കോട്ടയം
6. ഡോ.കെ.എം. ജോർജ്ജ്, ആധുനിക സാഹിത്യ ചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ, ഡിസിബുക്സ്, കോട്ടയം
7. കെ.പി. അപ്പൻ, മാറുന്ന മലയാള നോവൽ, ഡിസി.ബുക്സ്, കോട്ടയം
8. ഡോ. ഷാജിജേക്കബ്, ആധുനികാനന്തര മലയാള നോവൽ, വിപണി, കല, പ്രത്യയശാസ്ത്രം, കേരളഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട്, തിരുവനന്തപുരം
9. ഡോ.എം.എം.ബഷീർ, മലയാള ചെറുകഥാ സാഹിത്യചരിത്രം, കേരള സാഹിത്യ അക്കാദമി, തൃശ്ശൂർ
10. ഡോ.പി.കെ.രാജശേഖരൻ, അന്ധനായ ദൈവം, ഡിസി.ബുക്സ്, കോട്ടയം
11. പത്മന രാമചന്ദ്രൻ നായർ എഡി., മലയാള സാഹിത്യ നിരൂപണം, ഡിസി.ബുക്സ്, കോട്ടയം.
12. വി. രാജകൃഷ്ണൻ, ചെറുകഥയുടെ ചരന്തസ്സ്, ഡിസിബുക്സ്, കോട്ടയം
13. പി. കെ. രാജശേഖരൻ, കഥാന്തരങ്ങൾ, മാതൃഭൂമിബുക്സ്, കോഴിക്കോട്
14. എം. എൻ. വിജയൻ, കവിതയും മനശാസ്ത്രവും, ഡി.സി.ബുക്സ്, കോട്ടയം

B21SN01LC
गद्यं नाटकं च
(Gadyam Natakam Cha)
CREDITS: 6

लक्ष्यम् (Course Objectives)

संस्कृतमण्डले गद्यकाव्यानां सामान्यपरिचयः ।

उद्देश्यानि (Course Outcomes)

- पञ्चतन्त्राध्ययनेन पशुपक्षिकथापरिचयः, मूल्यबोधनञ्च ।
- नाट्यशास्त्रस्य नाट्यप्रयोगस्य च सामान्यपरिचयः ।
- नाटकादिदशरूपकाणां सामान्यज्ञानम् ।
- प्राचीनसंस्कृतकथासमग्रज्ञानम्।
- भासकवेः नाट्यप्रयोगपरिज्ञानम् ।

Course Details

प्रथमखण्डः - कथासाहित्यमधिकृत्य सामान्यज्ञानम्।

1. 1. कथासाहित्यम् ।
1. 2. पञ्चतन्त्रकथाः ।
- 1.3. चन्द्रभूपतिकथा।

द्वितीयखण्डः - अपरीक्षितकारकाद् उद्धृताः कथाः।

- 2.1. मूर्खब्राह्मणकथा।
2. 2. भारुण्डपक्षिकथा ।
2. 3. मत्स्यमण्डूककथा ।

तृतीयखण्डः - नाटकसाहित्याविर्भावः, विकासः, सांकेतिकपदानि, रूपकविभागाः इत्येतेषां सामान्यावगमनम्।

3. 1. रूपकविभागाः ।
3. 2. नाटकसाहित्यं विकासश्च।

3. 3. भासनाटकचक्रम्।

3. 4. नाटकान्तं कवित्वम्।

चतुर्थखण्डः - भासस्य मध्यमव्यायोगस्य सविशेषाध्ययनम् ।

4. 1. व्यायोगस्य सविशेषता।

4. 2. घटोत्कचप्रवेशः।

4. 3. मध्यमस्य रंगप्रवेशः ।

4. 4. भीम - हिटिम्बीसमागमः।

आधारग्रन्थाः Reference

1. पञ्चतन्त्रम् – विष्णुशर्मा।

2. मध्यमव्यायोगः – भासः।

सहायकग्रन्थाः

1. A Short History of Sanskrit literature - T.K Ramacandra Iyer, R.S Vadyar & Sons, Kalpathy

2. Pancatantra of Vishusarma, Chowkhambha Sanskrit series, Varanasi.

3. Sanskrit Drama- A.B. Keith

4. A History of Sanskrit Literature-A.A. Macdonel, Motilal banarsidas, Delhi

5. Indian Kavya Literature, Vol II, Motilal Banarsidas, Delhi.

6. Madhyamavyayoga of Bhasa with English translation -T.K Ramacandra Iyer, Vadyar & Sons Kalpthy.

अन्तर्जालसहायकसामग्र्यः

1. भासनाटकरङ्गावतरणम्- यूटूब्

ABILITY ENHANCEMENT COMPULSORY COURSE
B21AR01AC
COMMUNICATION IN ARABIC
CREDITS:4

Course Objectives

1. The learner would identify the basic structure of Arabic Language
2. The learner would acquire essential vocabularies in Arabic for various situations
3. The learner would be able to construct sentences in Arabic
4. The learner would be able to communicate in Arabic in various situations

Course Outcomes

At the end of the course students will be able to,

1. Identify the basic structure of Arabic Language
2. Acquire essential vocabularies in Arabic for various situations
3. Construct sentences in Arabic
4. Communicate in Arabic in various situations

COURSE DETAILS

BLOCK 1: Greetings and Introduction in Arabic – التحيات والتعارف

UNIT 1	Greetings in Arabic تحيات
UNIT 2	Self-Introduction in Arabic. التعريف بنفسه
UNIT 3	Introduce Others in Arabic. تعريف الآخرين
UNIT 4	Pronouns: الضمائر: هذا، هذه

BLOCK 2: Conversations and Interviews – لقاء ومقابلات

UNIT 1	Interview. - مقابلة
UNIT 2	In the Airport –Conversation – في المطار

UNIT 3 Meet - لقاء

UNIT 4 Question words أدوات الاستفهام

BLOCK 3: Numbers and Days in a week العدد وأيام الأسبوع

UNIT 1 In the library - Conversation. – في المكتبة

UNIT 2 What does he do- Conversation – ماذا يفعل؟

UNIT 3 I am Busy - Conversation. أنا مشغول

UNIT 4 الفعل المضارع

BLOCK 4: Time- التوقيت.

UNIT 1 In a travel agency in the Airport – conversation – في مكتب الطيران في المطار

UNIT 2 Reception – conversation – استقبال

UNIT 3 Between two students – conversation – بين الطالبين

BLOCK 5: Arabian Food – الطعام العربي.

UNIT 1 Arabian Food – conversation – الطعام العربي

UNIT 2 In a hotel – conversation – في مطعم

UNIT 3 Lunch – conversation – غداء

UNIT 4 . الأسماء الموصولة

Book for study:

العربية للحياة: منهج متكامل في تعليم العربية لغير الناطقين بها، (الكتاب الأول)، تأليف: ناصيف مصطفى عبد العزيز ومحي الدين صالح، الناشر: عمادة شؤون المكتبات، جامعة الملك سعود، الرياض، المملكة العربية السعودية، ط3، 1994

(Al Arabiyya Li l-Hayath – Book 1, by Nasif Musthafa Abdul Aziz and Muhyudhin

Swalih, Published by: Kind Saud University, Riyadh, Ed:3, 1994)

References

'Al Arabiyya Li N-naashieen', Book of Students, Part 3, Published by Education Ministry, Kingdom of Saudi Arabic

ABILITY ENHANCEMENT COMPULSORY COURSE
B21EG01AC
ENGLISH FOR COMMUNICATION
CREDITS - 4

Course Objectives

1. To reinforce the importance of English as a tool for global communication.
2. To develop the linguistic and communicative competence of learners.
3. To initiate the learner to explore practical applications of language in real life contexts.
4. To make learners understand the nuances of communication and its effective usage by enhancing their LSRW and cultural skills.
5. To enhance the skills of the learner to be an effective communicator in a digitally interconnected world.

Course Outcomes

Upon completing the course, learners will,

1. have been exposed to a variety of learner -friendly modes of language use and practice.
2. be proficient in LSRW skills, along with social media language.
3. be capable of using language related to digital and electronic technology, by employing the advantages of ICT enabled learning.
4. be oriented to the possibilities and pitfalls of communication in formal and informal situations.

COURSE DETAILS

BLOCK 1: Communication and Language

- | | |
|--------|--|
| UNIT 1 | Introduction to Communication – Language – Origin and Development – Development of Speech and Writing |
| UNIT 2 | Barriers of Communication through Languages – Formal and Informal Communication – Communication Etiquettes – Written Versus Oral Communication |
| UNIT 3 | The Four Skills of Communication – LSRW – The Fifth Skill of Cultural Awareness – Bilingualism |
| UNIT 4 | Significance of English as a Global Language – Communication in English – English in India |

BLOCK 2: Receptive or Passive Skills

- | | |
|--------|--|
| UNIT 1 | Learning to Listen – Listening Etiquettes – Problems Affecting Effective Listening – Developing Listening Skills |
| UNIT 2 | Listening to the Media – Enhancement of Listening Through the Internet: TED Talks – Music with Lyrics on YouTube |
| UNIT 3 | Ready to Read – Enhancing Vocabulary – Scanning and Skimming |
| UNIT 4 | Print and Online Reading – Online Resources for Literary Reading |

BLOCK 3: Productive or Active Skills

- UNIT 1 Speaking it Out – Speaking to the Mirror – Understanding Your Audience – Overcoming Inhibitions
- UNIT 2 Audio Chats to Enhance Speaking – The Practice of Self-Recording – Online Pronunciation Aids
- UNIT 3 The Written Word – The Writing Process - Writing Plan-Drafts and Revisions
– The Well Written Sentence – Diction – Meaning, Clarity and Simplicity – Figurative Language – Collocations – Punctuations
- UNIT 4 Conventions of Social Media Writing – Linguistic Checks – Online Tools to Help

BLOCK 4: Communication and Technology

- UNIT 1 Origins of Technology in Language – The Evolution of Writing – Print and Publication – Technology in Language – Systems of Sound and Motion Recording
- UNIT 2 Evolution of Electronic and Digital Technology – Language and the Cyberspace – Language and ICT – Technical Terms Commonly Used in ICT
– The Internet: Aspects of Efficiency and Economy
- UNIT 3 Authenticity of New Media – Misuse and Abuse in Cyber Space
- UNIT 4 Contributing to Social Media – Appropriate and Upright Conduct on Social Media Platforms

References

- Bailey, Stephen. *Academic Writing*. Routledge, 2006.
- Coe, Norman, Robin Rycroft and Pauline Ernest. *Writing Skills: A Problem-solving Approach*. Cambridge University Press, 1983.
- Ferguson. *Public Speaking: Building Competency Stages*. Oxford Publishing, 2007. Hamp-Lyons, Liz, Ben Heasley. *Study Writing*. 2nd Edition. Cambridge UP, 2008.
- Kenneth, Anderson, Tony Lynch, Joan Mac Lean. *Study Speaking*. New Delhi: CUP, 2008. Langan, J. *English Skills with Reading* (3rd Ed.). McGraw Hill. New York. 1995.
- Lynch, Tony. *Study Listening*. New Delhi. CUP, 2008.
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**ABILITY ENHANCEMENT COMPULSORY COURSE
B21HD01AC**

रोजमर्रा हिंदी

ROZMARA HINDI

Credits: 4

पाठ्यक्रम उद्देश्य (Course Objectives):

छात्रों को हिंदी भाषा में प्रभावी और धारा प्रवाही ढंग से बोलने के लिए प्रशिक्षित करना। हिंदी भाषा में कम या बिल्कुल क्षमता वाले छात्रों को जीवन के सभी क्षेत्रों में हिंदी बोलने में सक्षम बनाना और उन्हें हिंदी के विभिन्न साहित्यिक रूपों और लेखकों से परिचित कराना।

पाठ्यक्रम परिणाम (Course Outcomes):

1. जीवन के सभी क्षेत्रों में हिंदी भाषा बोलने में सक्षम बनाना और हिंदी के सामान्य व्याकरण के सही उपयोग को समझना है।
2. वाक्यों, संवादों आदि के अनुवाद करने में सक्षम बनना है और कहानी कहने या किसी घटना के वर्णन करने में सक्षम बनना है।

COURSE DETAILS

ब्लॉक 1: भाषा की बुनियादी संरचना और दैनिक गतिविधियाँ

इकाई 1: नाम और स्थानों के अक्षरों को पहचानें और लिखें और मूल वाक्य संरचना को समझें। एक दूसरे को संबोधन करें और उचित तरीके से विदा लेने की अनुमति मांगें।

इकाई 2: 'क्या' और 'कहां' जोड़कर प्रश्न पूछना। वाक्य संरचना समझें और 'होना' क्रिया का प्रयोग समझें। वहाँ 'क्या है' और 'क्या नहीं' के बारे में समझना। 'प्रत्यय जैसे में, पर, के पास, से दूर और निश्चयवाचक सर्वनाम जैसे ये, वे, यह, वह का प्रयोग करें। विशेषणों का प्रयोग करें: जैसे बड़ा, छोटा, गंदा, साफ, थोड़ा, ज्यादा, कम, बहुत आदि।

इकाई 3: नाम और घरेलू वस्तुओं से परिचय पाना, योजकों को समझना और उनका उपयोग करना।
एकवचन/बहुवचन स्त्रीलिंग /पुलिंग आदि का प्रयोग समझना | दैनिक दिनचर्या के बारे में प्रश्न पूछें और उत्तर दें।
विभिन्न दैनिक गतिविधियों की सूची बनाएं और उन्हें समझाएं। समय के बारे में जानें और सप्ताह के दिनों को पहचानें।

इकाई 4: संज्ञा, सर्वनाम, विशेषण, लिंग आदि के प्रयोग समझना। उसके व्यावहारिक रूपों से परिचय पाना। दैनिक जीवन का अनुभव बॉट लें। निजवाचक सर्वनाम का प्रयोग करें। मित्रों से दैनिक कार्य और उनकी प्राथमिकताओं के बारे में प्रश्न पूछें और उत्तर दें। फलों और सब्जियों के नाम समझें और पहचानें। भारत के क्षेत्रीय वस्तुओं को पहचानें और नाम दें।

इकाई 5: संज्ञा के साथ क्रियाओं का प्रयोग समझ लें। “चाहिए” क्रिया का विशेष प्रयोग समझ लें।

ब्लॉक 2: शुभकामनाएँ, अभिलाषाएँ एवं कहानी ।

इकाई 1: परिवार और दोस्तों के साथ की जाने वाली गतिविधियों के बारे में जानकारी प्राप्त करें। व्यक्तियों, व्यक्तित्व और उपस्थिति के बारे में पूछें और उनका वर्णन करें। इच्छाओं और वरीयताओं के बारे में पूछें और व्यक्त करें। सप्ताह और महीनों के दिनों को पहचानें और उनका उपयोग करें।

इकाई 2: चाहना के साथ डायरेक्ट इनफिनिटिव का प्रयोग करें। पसंद होना, अच्छा लगना के साथ इनफिनिटिव का प्रयोग करें। प्रश्नवाचक शब्दों का प्रयोग करें: कैसे, क्यों, किस प्रकार आदि। विशेषणों की तुलनात्मक और अतिशयोक्तिपूर्ण डिग्री का प्रयोग करें।

इकाई 3: पिछली घटनाओं की एक श्रृंखला का वर्णन करें। कहानी कहने के लिए परिचयात्मक और समाप्त होने वाले पारंपरिक वाक्यांशों का उपयोग करें। इसके बाद, इसी लिए, उसका मतलब, आदि का उपयोग करें।

इकाई 4: (बाद, इसी के लिए, उसका मतलब)। वस्तुओं पर ध्यान केंद्रित करते हुए पूर्ण काल का प्रयोग करें। पुल्लिंग एकवचन का प्रयोग करें। किसी भी मलयालम या हिंदी फिल्म की कहानी सुनाना।

ब्लॉक:3 मेरी छुट्टी, दोस्त और यात्रा

इकाई 1: छुट्टी के बारे में जानकारी का आदान-प्रदान करें - कहाँ, क्या, कैसे, किसके साथ | सकना, चुकना और पाना का प्रयोग |

इकाई 2: समय के बारे में जानकारी | जैसे सवा तीन, साढ़े नौ, पौने चार आदि | को +INFINITE का प्रयोग (उसको जाना है ,मुझे आना है या आना पड़ेगा आदि का प्रयोग)

इकाई 3: एक यात्रा कार्यक्रम की पहचान करें कारण बताएं कि कोई स्थान देखने लायक क्यों है? मौसम के अनुसार क्या अच्छा है क्या बुरा है इस बारे में प्रश्न पूछें और उत्तर दें | जितना-उतना, जैसे-वैसे, जहां-वहां, जिधर-उधर , जब तक –तब तक आदि का प्रयोग समझना |

ब्लॉक 4: पशु-पक्षी, त्यौहार-मेले, पेशा-धंधा , मनपसंद फिल्म आदि |

इकाई 1: भारत में पाए जानेवाले पशु-पक्षियों के बारे में बात करना | भारत के उत्सवों के बारे में बात करना |

इकाई 2: विभिन्न प्रकार के पेशे व धंधे के बारे में बातें करना |

इकाई 3: अगर-तो, ताकि का प्रयोग समझना |

इकाई 4: किसी मनपसंद movie के बारे में बताना | उसके पात्रों के बारे में चर्चा करना |

सन्दर्भ ग्रंथ सूची

1. रोजमर्याद हिंदी: प्रोफ: डी .पी .वनामामलाइ।

2. Every day Hindi : डॉ:सुंगोक होंग ।

3 .सरल सामान्य हिंदी: रजीत कुमार त्रिपाठी ।

ABILITY ENHANCEMENT COMPULSORY COURSE

B21ML01AC

പ്രായോഗികമലയാളം

(Prayogikamalayalam)

Credits 4

Objectives

മാതൃഭാഷയിലുള്ള ആശയവിനിമയശേഷി മെച്ചപ്പെടുത്തുകയും ഫലപ്രദമാക്കുകയും ചെയ്യുക

മാതൃഭാഷയിൽ പ്രാവീണ്യം നേടുന്നതിനാവശ്യമായ പരിശീലനം നേടുക

മലയാളഭാഷയുടെ വ്യത്യസ്തങ്ങളായ പ്രയോഗമേഖലകളെ പരിചയപ്പെടുക

വ്യത്യസ്തങ്ങളായ നാല് പ്രയോഗമേഖലകളിലൂടെ ഭാഷ തെറ്റുകൂടാതെ പ്രയോഗിക്കാനുള്ള ശേഷി ആർജ്ജിക്കുക

മലയാളഭാഷയെ കൂടുതൽ അടുത്തറിയാനും പഠിക്കാനും പ്രയോഗിക്കാനും സാധിക്കുക

Course Outcome

1. മാതൃഭാഷയിൽ ഫലപ്രദമായും സംവേദനപരമായും ആശയവിനിമയം നടത്താനുള്ള ശേഷി ആർജ്ജിക്കുന്നു
2. മാതൃഭാഷയുടെ വ്യത്യസ്ത പ്രയോഗമേഖലകളെ പരിചയപ്പെടുന്നു
3. മാതൃഭാഷയിലെ സാഹിത്യസമ്പത്തുകളെക്കുറിച്ച് അറിവുനേടുന്നു
4. മാതൃഭാഷയുടെ പ്രയോഗത്തിൽ പ്രാവീണ്യം നേടുന്നു.
5. മാതൃഭാഷയുടെ വിജ്ഞാന നിർമ്മാണ പ്രക്രിയയിൽ പങ്കാളിയാവുന്നു

COURSE DETAILS

ബ്ലോക്ക് 1 – എഴുത്ത്

വിശദപഠനം

മലയാളശൈലി (മൂന്നാം അദ്ധ്യായം) – കുട്ടികൃഷ്ണമാരാർ

ശൈലിയെപ്പറ്റി ചില ചിന്തകൾ (സമാലോചന) - എസ്. ഗുപ്തൻ നായർ

ഭാഷയും ആശയവിനിമയവും (ഭാഷയും മനുഷാസ്ത്രവും) - ഡോ. കെ. എം. പ്രഭാകരവാര്യർ

ബ്ലോക്ക് 2 – പ്രഭാഷണം

ആധുനികകേരളത്തിന്റെ സൃഷ്ടിയിൽ നവോത്ഥാന നായകരും സാംസ്കാരികപ്രവർത്തകരും നിർവ്വഹിച്ച പ്രഭാഷണങ്ങൾ നിർണ്ണായക പങ്ക് വഹിച്ചിട്ടുണ്ട്. പ്രഭാഷണകലയെക്കുറിച്ച് മനസ്സിലാക്കുകയും മികച്ച പ്രഭാഷണമാതൃകകൾ പരിചയിക്കുകയും ചെയ്യുകയെന്നതാണ് പഠനോദ്ദേശ്യം.

വിശദപഠനം

1. പ്രഭാഷണകല - സുകുമാർ അഴീക്കോട്
2. ഭാരതത്തിന്റെ സർഗാത്മകഭാവന (ജ്ഞാനപീഠപുരസ്കാര സ്വീകരണപ്രസംഗം) - ജി. ശങ്കരക്കുറുപ്പ്
3. മരുഭൂമികൾ പൂക്കുമ്പോൾ - എം. എൻ. വിജയൻ

ബ്ലോക്ക് 3 - മാധ്യമങ്ങൾക്കുവേണ്ടിയുള്ള രചന

വിശദപഠനം

വാർത്താമൂലകങ്ങൾ, വാർത്താഘടന (വാർത്ത വോള്യം 2) - ജോയി തിരുമൂലപുരം

പംക്തിയെഴുത്തിന്റെ രാഷ്ട്രീയം (പത്രാനന്തര വാർത്തയും ജനാധിപത്യവും) - എൻ. പി. രാജേന്ദ്രൻ

കോവിലനുമായി എസ്. വി. വേണുഗോപൻനായർ നടത്തിയ അഭിമുഖസംഭാഷണം. (കോവിലൻ, മൾബറി ബുക്സ്, കോഴിക്കോട്,

ബോക്സ് 4 - വിവർത്തനം

മലയാളഭാഷയുടെയും സാഹിത്യത്തിന്റേയും വികാസപരിണാമങ്ങളിൽ വിവർത്തനം നിർണ്ണായക പങ്ക് വഹിച്ചിട്ടുണ്ട്. തുടക്കത്തിൽ സംസ്കൃതത്തിൽ നിന്നും തമിഴിൽ നിന്നുമായിരുന്നു വിവർത്തനമെങ്കിൽ ആധുനികമായ പാശ്ചാത്യാശയങ്ങൾ മലയാളത്തിൽ കടന്നെത്തുന്നത് ഇംഗ്ലീഷിലൂടെയാണ്. വിവർത്തനം എന്ന പ്രക്രിയയെ ശാസ്ത്രീയമായി ഗ്രഹിക്കുകയും സ്വയം പരിശീലിക്കുകയും ചെയ്യുകയാണ് പഠനോദ്ദേശ്യം.

വിശദപഠനം

വിവർത്തനം എന്ന ഗ്രന്ഥത്തിന്റെ അവതാരിക- എൻ. വി. കുറുപ്പുവാര്യർ

തർജ്ജമപഠനത്തിലെ പുത്തൻ പുതുമകൾ (തർജ്ജമ സിദ്ധാന്തവും പ്രയോഗവും

മലയാളത്തിൽ പുസ്തകത്തിന്റെ ആമുഖപഠനം)- ഡോ. സ്കറിയ സക്കറിയ

ഇംഗ്ലീഷിൽ നിന്നും മലയാളത്തിലേക്കുള്ള വിവർത്തനപരിശീലനം.

റഫറൻസ്

- 1.പ്രൊഫ. പത്മനാഭൻ രാമചന്ദ്രൻനായർ, നല്ല ഭാഷ, ഡി സി ബുക്സ്, കോട്ടയം.
- 2.സ്കറിയ സക്കറിയ, ജയ സുകുമാരൻ, തർജ്ജമ, സിദ്ധാന്തവും പ്രയോഗവും മലയാളത്തിൽ - താപസം, ചങ്ങനാശ്ശേരി.
- 3.പി. കെ രാജശേഖരൻ, മലയാളിയുടെ മാധ്യമജീവിതം, കേരള ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട്, തിരുവനന്തപുരം.
4. രാമകൃഷ്ണപിള്ള. കെ, വ്യത്യാസ പത്രപ്രവർത്തനം, മാളുബെൻ, തിരുവനന്തപുരം.
- 5.പി. കെ അനിൽകുമാർ, പ്രഭാഷണകലയിലെ വചനവഴികൾ, സൈന്ധവ ബുക്സ്, കൊല്ലം.

6.പി. പവിത്രൻ, മാതൃഭാഷയ്ക്കു വേണ്ടിയുള്ള സമരം, മലയാള ഐക്യവേദി,ചെറുതുരുത്തി

7. Stephen E. Lucas, The Art of Public Speaking , McGraw Hill, New York.

8. K. Tim Wulfemeyer, Contemporary Media: Structures, Functions, Issues and Ethics, Kendall Hunt Publishing Company, Dubuque.

9. Douglas Robinson, Western Translation Theory from Herodotus to Nietzsche, Routledge, London.

ABILITY ENHANCEMENT COMPULSORY COURSE

B21SN01AC

व्यावहारिकसंस्कृतम्

(Vyavaharikasamskrutham)

CREDITS: 4

लक्ष्यम् (Course Objectives:)

- संस्कृतभाषायाः अनुसञ्चरणे प्रचोदनम् ।
- संस्कृतभाषायाम् उपलब्धानां प्रसारणमाध्यमानां विषयावगमनम् ।
- भाषाध्ययने उपयुक्तानां संस्कृतानुप्रयोगाणां जालस्थानानां च अवगमनम् ।
- निरर्गले भाषणे कौशलोपार्जनम् च।

उद्देश्यानि (Course Outcomes:)

1. संस्कृतभाषाश्रवणेन सम्यगर्थावगमनम्।
2. संस्कृतभाषायाम् उपलब्धानां प्रसारमाध्यमानां वस्त्ववगमनक्षमता।
3. निरर्गलभाषणकौशलम्।
4. भाषाध्ययने उपयुक्तानां संस्कृतानुप्रयोगाणां जालस्थानानां च यथाविध्युपयोगक्षमता।

Course Details

खण्डः1: श्रवणम्

1. 1. वर्णानामुच्चारणम्
1. 2. शब्दसम्पत्तिः
1. 3. कथाश्रवणम्
1. 4. सम्भाषणकार्यशाला- प्राथमिका।

खण्डः2: प्रसारमाध्यमानां भाषा

2. 1. वार्ता: एवं विक्कीपीडिया
 - i. DD News Vartah
 - ii. AIR News
 - iii. DD Vartavali

iv. Sanskrit Newspaper- Sudharma

v. Sanskrit Wikipedia

2. 2. संस्कृते विज्ञापनचित्राणि

i. Sanskrit songs

ii. Sanskrit films

2. 3. संस्कृतगानानि, चलच्चित्राणि च

2. 4. संस्कृते क्रीडा

खण्डः 3: भाषणम्

3. 1. अक्षराणां पदानां च मौखिकाभ्यासः।

3. 2. कथाकथनशिक्षणम्।

3. 3. वार्तावाचनशिक्षणम्।

3. 4. सम्भाषणशाला- द्वितीयस्तरीया।

खण्डः 4: सङ्गणकयुगे संस्कृताध्ययनम्।

4. 1. प्रत्याहिनिका: संस्कृतानुप्रयोगाः।

i. App for greetings in Sanskrit-

ii. Online Spoken Sanskrit Dictionary

4. 2 सङ्गणकाधारिताः साम्प्रदायिककोशाः

i.Amarakosha App

ii.Shabdakalpadruma App

4. 3. भाषाध्ययने उपयुक्ताः संस्कृतानुप्रयोगाः

i. Sanskrit Verb forms and roots- Sanskrit Dhatu 360o App

ii. Shabdroopmala App

4. 4. सङ्गणकाधारिताः लेखागाराः।

i. Sanskrit e- books App - Sanskrit Pustakalaya

ii. Internet archive

References

1. Samskrita Vyavahara sahasri, *Viswa Samskrita Pratishthan*, Kerala, 2004.
2. Kutumbhasastri, V. *Vakyavyavahara*. New Delhi, 2002.
3. Poulse. K.G. *Lakhusamskritam*. Edappal: Kamadhenu Samskrita Pathanakendra, 2006

Web Resources:

खण्ड: 1: श्रवणम्

Samskrita Bodhini: “A Study Guide for Spoken Sanskrit Language, International edition”, Sanjeev Majalika, 2018 <https://store.pothi.com/book/sanjeev-majalika-samskrita-bodhini/>

खण्ड: 2: प्रसारणमाध्यमानां भाषा

a) वार्ता: एवं विक्कीपीडिया च।

i. DD News Vartah (<https://youtu.be/e0l7YReMhkc>),

ii. AIR News (<https://airlive.page.link/installapp>);

iii. DDVartavali

(<https://www.youtube.com/playlist?list=PLxx0m3vtiqMZGmsUEVeTAuWIXqc9fTMHy>);

iv. Sanskrit Newspaper- Sudharma

(<http://epapersudharmasanskritdaily.in>)

v. Sanskrit Wikipedia

(<https://sa.wikipedia.org/wiki/>)

b) संस्कृते विज्ञापनचित्राणि

Sanskrit in 5 Minutes, Goodnight Ad in Sanskrit, 25th June 2019

Sanskrit in 5 Minutes, Bru coffee Ad in Sanskrit, 10th June 2019

(<https://youtu.be/aLxhgAJxpBQ>) (<https://youtu.be/q2mnJVdtBUU>)

c) संस्कृतगानानि, चलच्चित्राणि च

i. Sanskrit songs (<https://sa.wikiquote.org/>)

ii. Sanskrit films (https://en.wikipedia.org/wiki/Sanskrit_cinema)

d) संस्कृते क्रीडा

Master any Language, “Play Sanskrit Language learning game”.

(<https://www.masteranylanguage.com/c/r/o/Sanskrit/Games>)

खण्ड: 3: भाषणम् ।

Sanskrit in 5 Minutes, Goodnight Ad in Sanskrit, 25th June 2019

(<https://youtu.be/aLxhgAJxpBQ>)

खण्ड: 4: सङ्गणकयुगे संस्कृताध्ययनम्।

1. प्रत्याहिनिका: संस्कृतानुप्रयोगाः।

i. App for greetings in Sanskrit-

Sansgreet App, LiveSanskrit.

<https://play.google.com/store/apps/details?id=com.sans.greet.livesanskrit>

ii. Online Spoken Sanskrit Dictionary, Klaus Glashoff, Lugano, 2017

www.learnsanskrit.cc

2. साम्प्रदायिककोशाः

i. Amarakosha App

(<https://play.google.com/store/apps/details?id=org.srujanjha.amarkosh>);

ii. Shabdakalpadruma App

(https://play.google.com/store/apps/details?id=org.shrutijha.sanskrit_sanskrit)

Unit 3. भाषाध्ययने उपयुक्ताः संस्कृतानुप्रयोगाः- 2

i. SanskritVerbformsandroots-SanskritDhatu360°App

(<https://play.google.com/store/apps/details?id=com.labs.aeiun.sanskritDhatu360>)

ii. Shabdroopmala App (<https://play.google.com/store/apps/details?id=org.shrutijha.shabdroopmala>)

Unit 3. लेखागाराः।

1. Sanskrit e- books App -

SanskritPustakalaya (<https://play.google.com/store/apps/details?id=org.srujanjha.sanskritbooks>)

2. Internet archive

Third Semester

DISCIPLINE CORE COURSE
B21EC03DC
MICROECONOMICS II
CREDITS: 6

Course Objectives:

This course is designed to introduce the fundamental market structures, factor pricing, and Welfare Economics.

Course Outcomes:

1. To enable students to analyse different market structures and their applicability in the contemporary world
2. To understand the basic theories of factor pricing and distribution.
3. Evaluate different theories of welfare economics and their relevance in government policies.

Course Outline:

Block 1: Perfect and Imperfect competition

Block 2: Oligopoly

Block 3: Factor Pricing – 1

Block 4: Factor Pricing – 2

Block 5: Welfare Economics

Block 6: Externalities

COURSE DETAILS

BLOCK 1: Perfect and Imperfect competition

Unit 1

Perfect Competition - Assumptions - Short run and long run equilibrium of the firm and industry

Unit 2

Imperfect competition - Monopoly - Short run and long run price and output decisions - Price discrimination

Unit 3

Monopolistic competition - Assumptions - Equilibrium in the short and long run

BLOCK 2 Oligopoly

Unit 1

Oligopoly: Features - Kinked demand curve model

Unit 2

Non-collusive Oligopoly- Cournot's and Bertrand's models

Unit 3

Collusive oligopoly - Cartel and Price leadership

BLOCK 3: Factor Pricing - 1

Unit 1

Distribution of income - Marginal Productivity theory of distribution - Profit maximisation conditions in input markets

Unit 2 Rent - Ricardian theory of rent - Modern theory of rent

Unit 3

Wages - Wage determination under perfect and imperfect markets

BLOCK 4: Factor Pricing - 2

Unit 1

Interest - accumulation of capital - Theories of interest - Classical, Neoclassical and Keynesian theories

Unit 2

Profit - Theories of profit - Profit as a dynamic surplus - Innovations and profits - Risk, Uncertainty and profits

BLOCK 5: Welfare Economics

Unit 1

Definition and scope of welfare economics - Bentham criterion - Cardinalist criterion

Unit 2

Pareto optimality criterion - - Bergson social welfare function

BLOCK 6: Externalities

Unit 1

Public and private good

Unit 2

Externalities in production and consumption

Reference

1. Frank ,Robert H. (2020) *Microeconomics and Behaviour*, (Third edition), McGraw Hill Education : UK
2. Scholtter, Andrew (2001) *Microeconomics a Modern approach* (Third edition), Pearson Education: Prentice Hall.
3. Pindyck, R.S., Rubinfeld, D. L., & Mehta, P. L. (2013) *Microeconomics* (Seventh edition), Pearson Education: Prentice Hall.
4. Salvatore, D. (2003). *Microeconomics Theory and Applications* (Fourth Edition). Oxford University Press.
5. Christopher Snyder and Walter Nicholson (2017) *Microeconomic Theory-Basic Principles and Extensions*, Cengage Learning.
6. Hal R Varian (2010) *Intermediate Microeconomics: A Modern Approach*, 8th Edition, W.W Norton and Company/ Affiliated east- West Press (India).
7. Koutsoyiannis, A. (2005) *Modern Microeconomics* (Second edition), Macmillan Press LTD: London.
8. Maddala, G. S. & Miller Ellen (2013) *Microeconomics Theory and Applications*, (Tenth Edition). McGraw Hill Education Private Limited.
9. Dwivedi, D.N. (2012) *Microeconomics: Theory and Applications* (Second Edition). Pearson.
10. Mukherjee, S. (2009). *Analytical Microeconomics*, (Second Edition). New Central Book Agency.

ANCILLARY COURSE
B21HS32AN
SOCIAL FORMATION IN INDIA
CREDIT: 6

Course Objectives:

The course focuses various stages and processes of Indian history over a considerably longer timeframe, i.e, from prehistoric to modern period. It delves into the processes involved in the transformation of Society and economy of India.

Course Outcome:

After the completion of this course:

1. The students will have an overall perspective on the successive social formations in India's past in general and the structural changes and social processes in particular
2. The students are enabled to traverse across prehistoric cultures, Harapan civilization, slave societies, beginnings and consolidation of feudal polities, radical and calamitous break engendered by colonialism, emergence of national consciousness and social transformation in Modern India, distinct political economy of Independent India, advent of globalisation and its effect, among others.

Course Outline

Block 1: Food gatherers, Food producers and Surplus appropriators

Block 2: Towards feudal society (CE 4th century to 8th century)

Block 3: Consolidation of feudalism (13th century to 17th century)

Block 4: Colonial India (18th century to 19th century)

Block 5: Modern India

Block 6: Independent India

Course Details

BLOCK 1: Food gatherers, Food producers and Surplus appropriators.

Unit1: Stone Age settlements

Unit 2: Harappan societies

Unit3: Aryanization - Agrarian expansion

Unit4: Slave societies in janapadas - social stratification through Varna, caste and class

BLOCK 2: Towards feudal society (CE 4th century to 8th century)

- Unit1:** Land grants - changing production relations
- Unit2:** Urban decline
- Unit3:** Proliferation of jati
- Unit4:** Consolidation of Brahman oligarchy in politics, arts, literature and architecture

BLOCK 3: Consolidation of feudalism (13th century to 17th century)

- Unit1:** Iqta and the revenue-free grants - monetisation and urbanism
- Unit2:** Mansabdari and Jagirdari systems - agricultural production and technology
- Unit3:** Sufi and bhakti movement
- Unit4:** Taxation and social stratification

BLOCK 4: Colonial India (18th century to 19th century)

- Unit1:** Mercantile interest in the Indian subcontinent
- Unit2:** De-industrialization and poverty - restatement on social stratification - break down of traditional farmers and peasantry - drain of wealth
- Unit3:** English education and modern industries
- Unit4:** Peasant appraising of the 19th century and poverty.

BLOCK 5. Modern India

- Unit1:** British rule and national consciousness
- Unit2:** Social transformation
- Unit3:** Social reform movements
- Unit4:** Pluralism, identity politics and freedom struggle

BLOCK 6. Independent India

- Unit1:** Five year plans - social reconstruction
- Unit2:** Growth of indigenous capital and restatement on class structure
- Unit3:** Decay of mixed economy
- Unit4:** Globalisation, Liberalisation and social identities

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23. S. Gopal, *British Policy in India, 1858-1905*, CUP, 2018.
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LANGUAGE CORE
B21EG02LC
LITERATURE AND THE CONTEMPORARY WORLD
CREDITS: 6

Course Objectives

1. To expose learners to some of the burning contemporary issues.
2. To acquaint them with the way literature takes on these issues.
3. To equip them to critically appraise and shape their own individual opinions.

Course Outcomes

By the end of the course the learners will be able to,

1. make sense of the world they live in through the many language devices literature employs in its representation of reality.
2. have an understanding of cross-cultural encounters in a globalised world.
3. debate the pros and cons of current issues in culture using the terminology related to the concerned topics.
4. discuss how the use of language and choice of genre influence the meaning of the text and the reader's response.
5. develop skills of textual analysis.
6. comprehend diverse points of view on the urgent issues the world faces.

COURSE DETAILS

BLOCK 1: Climate Change

- | | |
|--------|--|
| UNIT 1 | Margaret Atwood: "The Moment" |
| UNIT 2 | Thunberg: "Almost Everything is Black and White" (Speech at Parliament Square, London, 31 October, 2018) |

BLOCK 2: Technology and Human Life

- | | |
|--------|---|
| UNIT 1 | Gareth Southwell: "Artificial Intelligence" |
| UNIT 2 | Ambrose Bierce: "Moxon's Master" |

BLOCK 3: Gender

- | | |
|--------|---|
| UNIT 1 | Sarah Joseph: "The Masculine of Virgin" |
| UNIT 2 | Malala Yousafzai: "A Daughter is Born" |

BLOCK 4: Human Rights

- | | |
|--------|-------------------------------|
| UNIT 1 | Vijayarajamallika: "Injuries" |
|--------|-------------------------------|

UNIT 2 Jawaharlal Nehru: “A Tryst with Destiny”

BLOCK 5: Ethics and Culture

UNIT 1 John Lennon: “Imagine”

UNIT 2 Rabindranath Tagore: “Housewife”

BLOCK 6: Globalised Society

UNIT 1 Pablo Neruda: “The United Fruit Company”

UNIT 2 Shashi Tharoor: “Globalization and the Human Imagination”

References

Morrison, Jago. *Contemporary Fiction*. Routledge, 2003.

Padley, Steve. *Key Concepts in Contemporary Literature*. Palgrave, 2006. Reddy,

Bayapa. *Aspects of Contemporary World Literature*. Atlantic, 2008.

SKILL ENHANCEMENT COURSE (SE-1)
B21EC01SE
ACCOUNTING WITH TALLY
Credits: 2

Course Objectives:

This course is designed to enable the students to acquire knowledge of basic accounting principles and practise with the aid of software Tally.

Course Outcomes:

1. To acquire practical knowledge of Accounting Principles and practise with tally.
2. To equip the students with potential knowledge to excel and seize the opportunity in this field.

Course Outline:

Block 1: Introduction to Financial Accounting

Block 2: Computerised Accounting- Tally

COURSE DETAILS

Block 1: Introduction to Financial Accounting

Unit 1

Introduction to financial accounting - Basic Accounting Concepts - Kinds of accounts

Unit 2

Single Entry and single entry book keeping - Rules of debit and credit - Preparation of Journal and Ledger accounts

Unit 3

Subsidiary Books - Cash Book - Types of Cash Book - problems - Purchase Book - Sales Book - Sales Return Book - Purchases Return Book - Journal Proper

Unit 4

Trial balance - Final accounts with simple adjustments

Block 2: Computerised Accounting -Tally

Unit 1

Tally - Start up Tally - Quitting Tally - Creation of a Company - Alteration, deleting, and shut a company

Unit 2

Concepts of Grouping of Accounts - Predefined account groups - display or alter groups.

Unit 3

Creating Ledger Accounts Predefined ledger accounts - creation, display, alter and deleting ledger accounts.

Unit 4

Inventory items - groups, Units - creating a single stock group - creating a multiple stock group - stock items

References

1. Patel Chintal, Bhupendra Mantri, *India Accounting Standards*, Taxman Publications.

2. Shukla M.C., T.S. Grewal and S.C. Gupta, *Advanced Accounts*, S. Chand & Co., New Delhi
3. Maheshwari S.N. and S.K. Maheshwari, *Financial Accounting*.
4. Tulasian P.C., *Introduction to Accounting*, Pearson Education.
5. Institute of Computer Accountants, Tally, Vikas Publishing House. New Delhi.
6. Tally Academy, *Tally Manual*.
7. Nadhani K. and K.K. Nadhani, *Implementing Tally 6.3*, 1/e BPB Publications, New Delhi.
8. Agarwal Namrata (2004), *Tally 6.3*, Dream Tech., New Delhi.

SKILL ENHANCEMENT COMPULSORY COURSE (SC)

B21UC01SC

HUMANISM AND LOGIC

CREDITS: 2

Course Objectives

- To introduce the science and art of reasoning
- To develop analytical skill in reasoning and capacity to argue effectively
- Give an understanding of the role of logic in other disciplines
- To develop a blend of logical reason, compassion and love in approach to the world

Course Outcomes

By the end of the course the learners will be able to,

1. To know the role of logical reasoning in daily life
2. Save oneself from linguistic traps
3. Have an understanding of the basic humanistic concepts
4. Get values that embrace multicultural diversity

BLOCK 1:

Humanism

Unit 1 Foundational Terms

Sradha/ Care — Katha Upanisad, Arul — Thirukkural, Jagratha —

Dharmapada _ Agape/ Empathetic Love, Kenosis/ Self emptying

Insaniyya / Humanity, Rahma / Mercy. Anukampa / Compassion — Anukambadasakam, Karuna - Budha

Emancipation. Ubuntu/ Fraternal Love

Unit 2 Concepts

Ahimsa/ Nonviolence in Different Traditions. Equality

Basheer's short story, "Oru Manushyan".

Human as species- Jathilakshanam, Jatinirnayam _ Environmental concerns: Gandhi, Thoreau, Deep Ecology

BLOCK 2:

Introduction to Logic

Unit 1 Introduction: A Very Brief History of Logic

Traditional logic and symbolic logic

_What is logic? Definitions - process of reasoning - inductive, deductive and abductive reasoning _ Propositions and arguments - recognising arguments.

Truth and validity

Unit 2: Fundamentals of Traditional and Symbolic Logic

Categorical Propositions: The four kinds of categorical propositions - Quality, quantity

and distribution - Standard form - The traditional square of opposition_ Logical connectives: symbols for conjunction, negation, disjunction, material implication and equivalence

Unit 3: Logic and Language

The basic functions of language: Informative - Expressive - Directive – Ceremonial Performative - Emotively neutral language_ Definitions: What are definitions - Kinds of definitions: Stipulative - Lexical – Precising - Theoretical - Persuasive

Unit 4: Logic and Science

Hypothetico - models of explanations - Covering Law model

References

1. Copi, M. Irving. Cohen, Carl. Kenneth, McMahon (2104). *Introduction to Logic*, Pearson Education: London
2. Morris R Cohen. Ernest Nagel (1934). *An introduction to Logic and Scientific Method*, London: George Routledge and Sons, Ltd.
3. Priest, Graham (2017). *Logic: A Very Short Introduction*. Oxford: Oxford University Press.
4. Gensler, H. J. (2016). *Introduction to Logic* (3 ed.). UK: Routledge.
5. Hurley, J. Patrick. (2012). *A Concise Introduction to Logic* (11 ed.). Boston: Wadsworth Cengage Learning.
6. Grayling, A.C. *The History of Philosophy*, Penguin, 2019.
7. Browning, W.R.F. *A Dictionary of the Bible*, Oxford University Press, 2009.
8. John Bowker, *The Concise Oxford Dictionary of World Religions*, Oxford University Press, 2000.
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12. *The Quran* (49/13, 17/70, 2/256)
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26. Guha, Ramachandra. *Environmentalism: A Global History*. Penguin, 2016.
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Fourth Semester

DISCIPLINE CORE COURSE
B21EC04DC
STATISTICS FOR ECONOMICS
CREDITS: 6

Course Objectives:

Tools of statistics are essential for analysing data to interpret it in terms of Economics. The tools and techniques will be offered at an intermediary level with a social science perspective.

Course Outcomes:

1. To familiarise the students with the concepts and methods of Statistics,
2. To enable applying economic concepts and data.

Course Outline

Block 1: Measures of Central Tendency and Dispersion

Block 2: Correlation

Block 3: Regression

Block 4: Index Numbers

Block 5: Population and Sampling

Block 6: Probability

COURSE DETAILS

BLOCK 1: Measures of Central Tendency and Dispersion

Unit 1

Measures of Central Tendency - Mean, Median, Mode

Unit 2

Measures of Dispersion - Range, Interquartile range, Standard Deviation

BLOCK 2: Correlation

Unit 1

Correlation - Definition - Scatter diagram Types - Simple, Partial and Multiple Correlation-

Unit 2

Karl Pearson Method - Rank Correlation Method

Block 3 Regression

Unit 1

Regression - Meaning - Regression lines and their properties

Unit 2

Regression Coefficients

BLOCK 4: Index Numbers

Unit 1

Meaning – Characteristics - uses and limitations of Index numbers - Simple and weighted index numbers

Unit 2

Test of Index numbers - CPI, WPI

BLOCK 5: Population and Sampling

Unit 1

Populations and Samples Methods of Sampling - Probability Sampling-Simple random sampling - systematic sampling- stratified sampling - Clustered sampling

Unit 2

Non-Probability Sampling Methods - convenience sampling - Quota sampling

BLOCK 6: Probability

Unit 1

Basic concepts of Probability - Classical, Empirical and Axiomatic approaches to probability - Discrete and Continuous - Conditional Probability

Unit 2

Probability distribution - Distribution Function - Binomial and Normal Distribution

Reference

1. Gupta, S.P, *Statistical Methods*, Sulthan Chand and Sons, New Delhi.
2. SC Gupta and VK Kapoor, *Fundamentals of Mathematical Statistics*
3. Jan Ubøe, *Introductory Statistics for Business and Economics: Theory, Exercises and Solutions*, Springer International Publishing.
4. T. Rajaretnam, *Statistics for Social Sciences*, Sage India.
5. Gupta S. and V.K. Kapoor, *Fundamentals of Applied Statistics*, S.Chand and Sons, New Delhi.
6. Monga, G.S. *Mathematics and Statistics for Economics*, Vikas Publishing, New Delhi

DISCIPLINE SPECIFIC ELECTIVE COURSES

B21EC01DE MATHEMATICAL ECONOMICS CREDITS: 6

Course Objectives:

This course aims to introduce students to the fundamental aspects of mathematical economics. The objective is developing critical thinking, problem-solving skills and empirical analytical capabilities.

Course Outcomes:

1. Develop both independent learning and group work skills.
2. Develop verbal and non-verbal communication skills.
3. Successfully use mathematics in economics and business applications.
4. Helps students to perform quantifiable experiments and create models for predicting future economic growth.

Course Outline

Block 1: Introduction to Mathematical Economics

Block 2: Marginal Concepts

Block 3: Optimization

Block 4: Production Function

Block 5: Linear Programming

Block 6: Input-Output Analysis

BLOCK 1: Introduction to Mathematical Economics

Unit 1

Nature and Scope of Mathematical Economics - Economic Models and their Mathematical Representation - Variables, Constants and Parameters

Unit 2

Functions -Types of Functions - - Non-Algebraic Functions - Explicit and Implicit Functions - Economic Functions (Demand, Supply, Cost, Revenue)

BLOCK 2: Marginal Concepts

Unit 1

Marginal Concepts - Marginal utility - Marginal product - Marginal Cost - Marginal Revenue - Marginal Rate of Substitution - Marginal Rate of Technical Substitution - Relationship between Average and Marginal

Unit 2

Concepts of Elasticity - Price elasticity - Income elasticity - Cross elasticity

BLOCK 3: Optimization

Unit 1

Concavity and Convexity - Optimisation of single and multi-variable functions

Unit 2

Constrained optimisation with Lagrange Multiplier - Significance of Lagrange Multiplier - Utility Maximisation - Cost Minimisation and Profit Maximisation

BLOCK 4: Production Function

Unit 1

Production Function - Homogeneous and Non-Homogeneous - Degree of Homogeneity and Returns to Scale

Unit 2

Cobb-Douglas Production Function - Properties of CD Function

BLOCK 5: Linear Programming

Unit 1

Linear Programming - Basic Concepts - Nature of Feasible, Basic and Optimal Solution

Unit 2

Graphic Solution - Maxima and Minima - Duality - Applications of Linear Programming in Economics

BLOCK 6: Input-Output Analysis

Unit 1

Input-Output Analyses - Matrix of Technical Coefficients - The Leontief Matrix - Solutions - Two and three Sector Economy

Unit 2

Hawkin-Simon Condition - Test of Viability - Application of Input output Analysis – Game Theory

Reference

1. Dowling, Edward T. *Introduction to Mathematical Economics*, Schaum's Outline Series, McGraw-Hill. (2nd Edition for Linear Programming and 2nd/3rd editions for other Units)
2. Bradley, Teresa and Paul Patton, *Essential Mathematics for Economics and Business*, John Wiley & Sons Ltd
3. Chiang, Alpha C. *Fundamental methods of Mathematical Economics*; Tata Mc Graw-Hill International Edition (Part 1, chapter 1 and 2)
4. Henderson, J. M. and R.E. Quandt (1980) *Microeconomic Theory: A Mathematical Approach*, McGraw Hill, New Delhi.
5. Bradfield, James and Jeffrey Baldani, *An Introduction to Mathematical Economics*, Cengage Learning India Pvt Ltd (2008)
6. Baumol, William J. *Economic Theory and Operations Analysis*; Prentice- Hall of India Private Limited
7. Mavron, Vassilis C. and Timothy N. Phillips, *Elements of Mathematics for Economics and Finance*, Springer

B21EC02DE
MONEY AND BANKING
CREDITS: 6

Course Objectives:

The course is designed to help students understand the evolution and role of money in the economy. How the RBI influences the availability of credit in the economy through monetary policy. To get an insight into the latest developments in the banking sector. To understand the concept of money market

Course Outcomes:

1. To understand the concept of money and the value of money.
2. To familiarise with the functions and role of the commercial bank and central bank.
3. To be familiar with the innovative technological developments in the banking sector.
4. To understand the functioning of the Indian money market and capital market

Course Outline:

Block 1: Money

Block 2: Commercial Banks

Block 3: Innovative Functions of Banks

Block 4: Reserve Bank of India

Block 5: Financial Market 1

Block 6: Financial Market 2

COURSE DETAILS

BLOCK 1: Money

Unit 1

Money - Definition of money - kinds - functions - significance - Monetary standards - Metallic standard - Gold standard - Paper standard - Value of money - Index numbers

Unit 2

Demand for money - The Classical approach - Keynesian approach - Monetarist approach - Friedman's Restatement of Quantity Theory

Unit 3

Supply of money - Definitions - Determinants of money supply - Money multiplier - Indian Currency System

BLOCK 2: Commercial Banks

Unit 1

Origin of Commercial Banks - Functions of Commercial Banks - Role of Commercial Bank in Economic Development

Unit 2

Credit Creation - Process of Credit Creation by Banks - Primary deposits - Secondary deposits - Credit multiplier - Bank assets

Unit 3

Negotiable Instruments - Definition – Purpose - Types - Promissory Notes - Bill of Exchange - Demand Draft - Cheque

BLOCK 3: Innovative Functions of Banks

Unit 1

Modern Banking- E-Banking -Telephone banking - Internet banking - Mobile banking -Concept and features

Unit 2

Types of cards - Credit and debit card - Kisan Credit Card - Smart card

Unit 3

Modern Aspects of Banking- Personal Identification Number (PIN) - Electronic Fund Transfer NEFT- RTGS - SWIFT - Core Banking - IFSC

BLOCK 4: Reserve Bank of India

Unit 1

Reserve Bank of India - Role - functions - structure and management

Unit 2

Monetary Policy - Credit policy instruments of RBI

Unit 3

Banking sector reforms in India - History of banking sector reforms - Objectives -Narasimhan committee report

BLOCK 5: Financial Market 1

Unit 1

Financial System - Meaning - Features - Components - Banks and NBFI's

Unit 2

Insurance companies - pension fund - mutual funds - Asset management companies

Unit 3

Money Market - Features of Indian money market - Call money market - Treasury Bill Market - Commercial Bill Market -

BLOCK 6 Financial Market 2

Unit 1

Capital Market - Capital market functions - structure of primary market and secondary market - Methods of public issue – IPO – FPO

Unit 2

Major Investment groups - Retail investors - Domestic Institutional investors - Foreign portfolio investors

Unit 3

SEBI - History - Structure - Functions

Reference

1. Mishkin, Frederik S ,*The Economics of Money, Banking and Financial Markets*, Eleventh Edition, Pearson Education
2. L.M.Bhole, Jitendra Mahakud, *Financial Institutions and Markets- Structure Growth and Innovations*, Tata Mcgraw Hill Education Pvt Ltd, New Delhi
3. Mithani,D.M (2007) *Money, Banking, International Trade and Public Finance*, Himalaya Publishing House, New Delhi
4. Ghosh and Ghosh,*Fundamentals of Monetary Economics*, Himalaya Publishing House
5. Sundaram and Varshney (2002) *Banking Law; Theory and Practice*, Sultan Chand Co.
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7. Ahuja,H.L, *Modern Economics*, S.Chand& Co
8. M.C.Vaish , *Money, Banking and International Trade*, Wiley Eastern Limited
9. M.C.Vaish, *Monetary Theory*,Vikas Publishing House
10. M Y Khan, *Indian Financial System*, Mcgraw Hill Education Pvt.Ltd, India
11. Sinha N.K, *Money Banking and Finance*, BSC Publishing Co Pvt Ltd, Delhi.
12. Natarajan and Parameswaran, *Indian Banking*, S Chand & co
13. Jagroop Singh, *Banking and Financial Markets*, Kalyani Publishers, New Delhi.
14. M Y Khan, *Indian Financial System*, Mcgraw Hill Education Pvt.Ltd, India
15. Sinha N.K, *Money Banking and Finance*, BSC Publishing Co Pvt Ltd, Delhi.
16. Natarajan and Parameswaran, *Indian Banking*, S Chand & co
17. Jagroop Singh, *Banking and Financial Markets*, Kalyani Publishers, New Delhi

ANCILLARY COURSE
B21PS02AN
UNDERSTANDING POLITICAL SYSTEM
CREDITS: 6

Course Objectives:

This course is framed to introduce the learner to the basic concepts in a political system. It will engage the learners in interesting topics like political theories, processes and ideologies. It will also aid the learners to understand contemporary changes in the political system.

Course Outcome:

To be familiarised with basic concepts of a political system

1. To get introduced to different political ideologies
2. To understand the importance of political system and good governance
3. To be exposed to contemporary events and changes in the political system.

Course Outline:

Block 1: Introduction to Political System

Block 2: Understanding the Basic Concepts in Political System

Block 3: Political System – Theory and Process

Block 4: Political System and ideologies

Block 5: Political System and Good Governance

Block 6: Political System and Globalisation

COURSE DETAILS

BLOCK 1: Introduction to Political System

Unit 1: Political Science: Meaning, Nature, Scope and significance

Unit 2: The concept of State - (Elements)

Unit 3: The concept of Sovereignty-Monism and Pluralism

Unit 4: State and Civil Society

BLOCK 2: Understanding the Basic Concepts in Political System

Unit 1: Right – Meaning and Nature

Unit 2: Liberty – Meaning and Nature

Unit 3: Equality – Meaning and Nature

Unit 4: Justice – Meaning and Nature

BLOCK 3: Political System – Theory and Process

Unit 1: Political System – Meaning and Nature – (Gabriel Almond and David Easton)

Unit 2: Political Culture

Unit 3: Political Socialisation

Unit 4: Political Communication and mass mobilization

BLOCK 4: Political System and ideologies

Unit 1: Democracy

Unit 2: Liberalism

Unit 3: Marxism

Unit 4: Gandhism

BLOCK 5: Political System and Good Governance

Unit 1: Good Governance – Meaning and nature

Unit 2: Constitutionalism and Rule of Law

Unit 3: Participatory Development and Decentralisation

Unit 4: Non State Actors-Pressure Groups, Interest Groups and Mass media

BLOCK 6: Political System and Globalisation

Unit 1: Globalisation – Meaning and Nature

Unit 2: Globalisation and Changing State System

Unit 3: National Autonomy Vs Global Commitments

Unit 4: Rising inequality in the Era of Globalisation

Reference

1. Gauba O P, *An Introduction to Political Theory*, Mayur Book Publishers, New Delhi, 2021.
2. Jayapan N, *Political Theory*, Atlantic Publications and Distributors, New Delhi, 1999.
3. Johari J C, *Contemporary Political Theory – New Dimensions, Basic Concepts and Major Trends*, Sterling Publishers, New Delhi, 2020.
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6. Neera Chandhoke, *State and Civil Society, Explorations in Political Theory*, Sage Publications, New Delhi, 1995.
7. Rajani Kothari, *Under Globalisation; Will Nation State Hold?* Economic and Political Weekly, Vol. 21, 1995.
8. Rallore L S and S A H Haqqi, *Political Theory and Organisation*, Eastern Book Company, New Delhi, 2021.
9. Singhal S C, Lekshmi Naran Agarwal, *Political Theory*, New Books, New Delhi, 2020.
10. Sushila Ramaswamy, *Political Theory, Ideas and Concepts*, PHI Learning Pvt. Ltd, New Delhi, 2014.
11. Zoya Hassan, *Politics and the State in India*, Sage Publications, New Delhi, 2000.

MODERN INDIAN LANGUAGE
B21AR02LC
LITERATURE IN ARABIC
CREDITS:6

Course Objectives

1. The student can communicate in Arabic in various situations
2. The student can express his thoughts in oral and written form through simple sentences in Arabic.
3. The student can read and understand literary texts in Arabic
4. The student can appreciate and analyze the literary texts in Arabic
5. The student can assimilate humanistic and moral values in his life

Course Outcome

At the end of the course students will be able to,

1. Communicate in Arabic in various situations
2. Express his thoughts in oral and written form through simple sentences in Arabic.
3. Read and understand literary texts in Arabic
4. Appreciate and analyze the literary texts in Arabic
5. Assimilate humanistic and moral values in his life

COURSE DETAILS

BLOCK 1: Conversations in Arabic

UNIT 1	Introduction
UNIT 2	In the House
UNIT 3	In the Hotel
UNIT 4	In the Railway Station
UNIT 5	In the Market

BLOCK 2: Reading on classical texts in Arabic

UNIT 1	13 سورة الحجرات: الآيات من 9 إلى
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UNIT 2 الأحاديث المختارة من كتاب "الأربعون النووية"
2، 7، 12، 13، 15، 27

BLOCK 3: Reading on Modern Essays in Arabic

UNIT 1 الأرملة وابنها" من كتاب دمة وابتسامة لجبران خليل جبران"

UNIT 2 "ما أضعف الإنسان" من كتاب مقالات في كلمات، المجموعة الثانية، لعللي
الطنطاوي

BLOCK 4: Appreciating Short Story

UNIT 1 قصة "نصف العالم" من مجموعة القصص "العالم ليس لنا" لغسان كنفاني

BLOCK 5: Appreciating Poetry.

UNIT 1 قصيدة "دعوة إلى التنقل والترحال" للإمام الشافعي

UNIT 2 قصيدة "وداعا أيها الدفتر" لنزار قباني

BLOCK 6: TUTORIAL

Practice sheets based on Block 1-5

References:

1. Qur'aanul Kareem
2. Imam Annavavi, Al Arba'una annvavi
3. Muhammed Bin Isma'il Al Bukhaari, Sahihu l-Bukhaari
4. Jubran Khalil Jubran, Dam'athun wa-btisaamatun
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Modern Indian Language (Hindi)

B21HD02LC

हिंदी पद्य साहित्य और अनुवाद

(Hindi Padya Sahitya Aur Anuvad)

Credits: 6

पाठ्यक्रम उद्देश्य (Objectives):

छात्रों को प्राचीन, मध्यकालीन और आधुनिक हिन्दी कविता की अवधारणाओं और इसकी बोलियों से परिचित कराना। दैनिक जीवन में अनुवाद एवं उसके उपयोग से परिचित कराना। इस पाठ्यक्रम का उद्देश्य कविता के प्राचीन रूप और कविता में इस्तेमाल की जाने वाली भाषा शैली के बारे में छात्रों में जागरूकता पैदा करना है। इस प्रकार वे हिन्दी भाषा की मूल संरचना और समय के साथ इसके विकास को समझ सकते हैं।

पाठ्यक्रम परिणाम (course outcomes)

- Co. 1 : प्राचीन और मध्यकाल की कविता के विभिन्न रूपों का विश्लेषण करता है।
- Co. 2 : समाज और साहित्य के बीच संबंध तथा हिन्दी साहित्य और समाज में प्राचीन और मध्यकालीन कवियों द्वारा निभाई गई भूमिका को समझता है। उस काल के प्रख्यात हिन्दी लेखकों के माध्यम से संत कविताओं की विभिन्न शाखाओं का ज्ञान प्राप्त करता है।
- Co 3 : सामाजिक सांस्कृतिक चेतना, को आत्मसात करता है और तुलसीदास, कबीरदास, बिहारी जैसे कवियों से परिचय प्राप्त करता है।
- Co 4 : आधुनिक काल की विशेषताओं को समझता है और आधुनिक काल के कवियों के बारे में परिचय प्राप्त करता है।
- Co 5 : आधुनिक काल की विभिन्न काव्य शैलियों से परिचित होता है। हाइकु कविताओं के बारे में ज्ञान प्राप्त करता है।
- Co 6 : अनुवाद के बारे में ज्ञान प्राप्त करता है और उसका प्रयोग करने में दक्षता प्राप्त करता है।

पाठ्यक्रम रूपरेखा (COURSE Outline)

ब्लॉक : 1 प्राचीन और मध्यकालीन रचनाएँ।

ब्लॉक : 2 छायावाद की – कविताएँ।

ब्लॉक : 3 प्रगतिवादी कविता।

ब्लॉक : 4 समकालीन कविता।

ब्लॉक : 5 हाइकु कविताएँ।

ब्लॉक : 6 अनुवाद।

ब्लॉक : 1 प्राचीन और मध्यकालीन रचनाएँ।

इकाई – 1 : कबीर – 2 दोहे

इकाई – 2 : तुलसी – 2 दोहे

इकाई – 3 : सूरदास – एक पद

ब्लॉक : 2 छायावाद की – कविताएँ।

इकाई – 1 : निराला – ‘भिक्षुक’

इकाई – 2 : प्रसाद - ‘किरण’

ब्लॉक : 3 प्रगतिवादी कविता ।

इकाई – 1 : नागार्जुन – ‘प्रेत का बयान’ ।

ब्लॉक : 4 समकालीन कविता ।

इकाई – 1 : अरुण कमल – ‘वक्त’ ।

ब्लॉक : 5 हाइकू कविताएँ ।

इकाई – 1 : सुरंगामा यादव – ‘काटे जंगल’ ।

ब्लॉक : 6 अनुवाद ।

इकाई 1-अनुवाद :- अर्थ , परिभाषा एवं स्वरूप

इकाई 2- अनुवाद का महत्व और उद्देश्य

इकाई 3- अंग्रेजी से हिन्दी में और हिन्दी से अंग्रेजी में अनुवाद अभ्यास ।

संदर्भ– Reference

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- 2.मध्यकालीन हिन्दी काव्यभाषा – राम स्वरूप चतुर्वेदी ।
- 3.प्राचीन एवं मध्यकालीन काव्य – डॉ : सुषमा दुबे , डॉ . के .दुबे , डॉ. राजकुमार ।
- 4.अनुवाद की समस्याएं – जी .गोपीनाथ , एस कंद स्वामी ।
- 5.अनुवाद की प्रक्रिया तकनीक और समस्याएं - -डा.श्रीनारायण समीर

**MODERN INDIAN LANGUAGE
B21ML02LC**

**മലയാള സാഹിത്യമാതൃകകൾ: ആത്മകഥ, ജീവചരിത്രം,
യാത്രാവിവരണം, അനുഭവസാഹിത്യം**
(Malayala Sahithyamathrukakal: Aathmakadha, Jeevacharithram, Yathravivaranam,
Anubhavasahithyam)
Credits: 6

Objectives

ആത്മകഥാസാഹിത്യത്തിന്റെ ചരിത്രത്തെക്കുറിച്ച് സാമാന്യമായ അറിവ്
ജീവചരിത്ര മാതൃകകളുടെ പരിചയം
യാത്രാവിവരണ സാഹിത്യം എന്ന വിവരണാത്മക സാഹിത്യശാഖയുമായുള്ള
പരിചയം
അനുഭവ സാഹിത്യ മാതൃകകളുമായി ബന്ധപ്പെട്ട അറിവ്

Course Outcome

ജീവചരിത്രരചനയുടെ ചരിത്രരചനാസങ്കേതങ്ങൾ, ജീവചരിത്രത്തിന്റെ
തിരഞ്ഞെടുപ്പുകൾ, വ്യക്തിജീവിതവും സമൂഹവും തമ്മിലുള്ള ബന്ധം
എന്നിവയെ കുറിച്ച് ധാരണ നേടുന്നു
സ്ഥലപരവും സാംസ്കാരികവും പാരിസ്ഥിതികവും ആത്മീയവുമായ
വൈവിധ്യമാർന്ന യാത്രാവിവരണങ്ങളുടെ സാഹിത്യമൂല്യം തിരിച്ചറിയുന്നു
സ്വതന്ത്രതാടു ബന്ധപ്പെട്ട ആഖ്യാനങ്ങൾ, ജീവിതരേഖകൾ തുടങ്ങിയവ
പരിചയപ്പെടുന്നു

Course Details

ബ്ലോക്ക് -1. ആത്മകഥ

രചയിതാവ് സ്വന്തം ജീവിതത്തെക്കുറിച്ച് സ്വയം നിർവ്വഹിക്കുന്ന ആഖ്യാനം എന്ന
നിലയിൽ ആത്മകഥ എന്ന സാഹിത്യവിഭാഗത്തെ പരിചയപ്പെടുത്തുക,
മലയാളത്തിൽ പ്രസിദ്ധീകരിക്കപ്പെട്ട ആത്മകഥകളിൽ നിന്നും
കാലികപ്രസക്തിയുള്ളതും പ്രതിനിധാന സ്വഭാവമുള്ളതുമായ ചില കൃതികളെ
അടിസ്ഥാനമാക്കി വിശദപഠനം നടത്തുക എന്നതുമാണ് ഈ മൊഡ്യൂളിൽ
ഉദ്ദേശിക്കുന്നത്. ആത്മകഥാസാഹിത്യത്തിന്റെ ചരിത്രത്തെക്കുറിച്ച്
സാമാന്യമായ അറിവ് ഉണ്ടാകണം. ആത്മകഥയിലെ ആത്മം എന്ന സങ്കല്പത്തിലെ
വ്യക്തി, ആത്മകഥയിലെ കർത്തൃത്വം, പ്രതിനിധാനങ്ങൾ, ലിംഗഭേദം, രാഷ്ട്രീയം
എന്നിവ മനസ്സിലാക്കുക.

വിശദപഠനത്തിന്

1. ആശുപത്രിയിൽ (ജീവിതപ്പാത)- ചെറുകാട്.
2. ഇരുന്നൂണ്ട ഓണം (ചിദംബരസ്തരണം)- ബാലചന്ദ്രൻ ചുള്ളിക്കാട്.
3. ദലിതൻ (ആദ്യത്തെ രണ്ട് അദ്ധ്യായങ്ങൾ.) - കെ. കെ. കൊച്ചു

ബ്ലോക്ക്- 2. ജീവചരിത്രം

ചരിത്രത്തിലെ പ്രധാന വ്യക്തികളെക്കുറിച്ച് എഴുതപ്പെട്ട കൃതികളെന്ന നിലയിൽ ജീവചരിത്രത്തിന്റെ മാതൃകകൾ പരിചയപ്പെടുത്തുക. ജീവചരിത്രരചനയുടെ ചരിത്രരചനാസങ്കേതങ്ങൾ, ജീവചരിത്രത്തിന്റെ തിരഞ്ഞെടുപ്പുകൾ, വ്യക്തിജീവിതവും സമൂഹവും തമ്മിലുള്ള ബന്ധം തുടങ്ങിയ വിഷയങ്ങളെ ആസ്പദമാക്കി ജീവചരിത്രങ്ങളെ സമീപിക്കുക.

വിശദപഠനത്തിന്

1. ഒരു വലിയ മുഹൂർത്തത്തിന്റെ പശ്ചാത്തലം (നാരായണഗുരു)- എം. കെ. സാനു.
2. ആ മനുഷ്യൻ നീ തന്നെ (ഇവൻ എന്റെ പ്രിയ സിജ)- റോസി തോമസ്.
3. മയിലമ്മ ഒരു ജീവിതം (അദ്ധ്യായം അഞ്ച്)- ജ്യോതിഭായി പരിയാടത്ത്.

ബ്ലോക്ക്- 3. യാത്രാവിവരണം

യാത്രാവിവരണ സാഹിത്യം എന്ന വിവരണാത്മക സാഹിത്യശാഖ പരിചയപ്പെടുക. വർത്തമാനപ്പുസ്തകം മുതലുള്ള ആദ്യകാല യാത്രാവിവരണങ്ങളുടെ സാഹിത്യചരിത്രം സാമാന്യമായി മനസ്സിലാക്കുക. സ്ഥലപരവും സാംസ്കാരികവും പാരിസ്ഥിതികവും ആത്മീയവുമായ വൈവിധ്യമാർന്ന വിവരണങ്ങളുടെ സാഹിത്യമൂല്യം പഠനവിധേയമാക്കുക.

വിശദപഠനത്തിന്

1. നിലാവ് കോരിക്കുടിച്ച കള്ളിമുൾച്ചെടികൾ (മരുഭൂമിയുടെ ആത്മകഥ)- വി. മുസഫിർ മുഹമ്മദ്.
2. വഴിയമ്പലത്തിലും പുൽക്കുടിലിലും (ഹിമവാന്റെ മുകൾത്തട്ടിൽ)- രാജൻ കാക്കനാടൻ.
3. ചീവീടുകൾ ചിലയ്ക്കാൻ മറക്കുമ്പോൾ (നദി തിന്നുന്ന ദ്വീപ്) - കെ. എ. ബീന.

ബ്ലോക്ക്-4. അനുഭവ സാഹിത്യം

ഓർമ്മ, സംഭാഷണങ്ങൾ, വ്യക്തികളുമായുള്ള സംഭാഷണത്തെ ആസ്പദമാക്കി എഴുതപ്പെട്ട അനുഭവസാഹിത്യങ്ങൾ, സ്വത്വത്തോടു ബന്ധപ്പെട്ട ആഖ്യാനങ്ങൾ, ജീവിതരേഖകൾ എന്നിവ.

വിശദപഠനത്തിന്

1. എന്നെ പാണനെന്ന് വിളിക്കരുത് (എതിര്)- എം. കുഞ്ഞാമൻ.
2. ദരിദ്രന്റെ ക്രിസ്തുസ് (പച്ചവിരൽ)- ദയാഭായി.
3. വരുമോ വസന്തം (ഒരു മലയാളി ഹിജഡയുടെ ആത്മകഥ)- ജെറീന.

റഫറൻസ്

1. ഡോ. വി. സി. ഹാരിസ്, ആത്മകഥ ജീവിതം സമൂഹം നിരൂപണം, റെയിൻബോ ബുക്സ്, കോഴിക്കോട്.
2. ഡോ. സൗമ്യ ദാസൻ, ആത്മകഥ: ആഖ്യാനത്തിലെ പെണ്ണുകൾ, മൈത്രി ബുക്സ്, തിരുവനന്തപുരം.
3. ഭാഗ്യലക്ഷ്മി, സ്വരഭേദങ്ങൾ - ഡി. സി. ബുക്സ്, കോട്ടയം.
4. ഡോ. കെ. എം. ജോർജ്ജ്, ജീവചരിത്രസാഹിത്യം - ഡോ. കെ. എം. ജോർജ്ജ്, കേരള ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട്, തിരുവനന്തപുരം
5. നടുവട്ടം ഗോപാലകൃഷ്ണൻ, ആത്മകഥാസാഹിത്യം മലയാളത്തിൽ - ഭാഷാ ഇൻസ്റ്റിറ്റ്യൂട്ട്, തിരുവനന്തപുരം.
6. ഇ. പി. രാജഗോപാലൻ, കഥയും ആത്മകഥയും - ചിന്ത പബ്ലിഷേഴ്സ്, തരുവനന്തപുരം.
7. അശ്വനി എ. പി, ട്രാൻസ്ജെൻഡർ ജീവനം അതിജീവനം, ധ്വനി ബുക്സ്, കോഴിക്കോട്
8. സക്കറിയ, രണ്ടു യാത്രകൾ, ഡി. സി ബുക്സ്, കോട്ടയം.
9. ചെറുകാട്, ജീവിതപ്പാത -കറന്റ് ബുക്സ്, തൃശൂർ.
10. എം. ജി. എസ്. നാരായണൻ, ജാലകങ്ങൾ: ഒരു ചരിത്രാന്വേഷിയുടെ വഴികൾ കാഴ്ചകൾ, കറന്റ് ബുക്സ്, തൃശൂർ.
11. ജി. ഉഷാകുമാരി (എഡിറ്റർ), ഉൾക്കണ്ണാടികൾ, കൈരളി ബുക്സ്, കണ്ണൂർ.
12. പ്രൊഫ. വി. രമേഷ് ചന്ദ്രൻ, സഞ്ചാരസാഹിത്യം മലയാളത്തിൽ
13. കെ.കെ. കൊച്ചു, ദലിതൻ, ഡി.സി ബുക്സ്, കോട്ടയം.
14. ബാലചന്ദ്രൻ ചുള്ളിക്കാട്, ചിദംബരസ്മരണ, ഡി. സി ബുക്സ്, കോട്ടയം.
15. എം. കെ. സാനു, നാരായണഗുരു, എൻ. ബി.എസ്. കോട്ടയം.
16. റോസി തോമസ്, ഇവൻ എന്റെ പ്രിയ സി. ജെ, ഡി.സി ബുക്സ്, കോട്ടയം.
17. വി. ബാബുസേനനൻ, ബെർട്രാൻറ് റസ്സൽ -
18. ഡോ. ജോർജ്ജ് വർഗ്ഗീസ്, സ്റ്റീഫൻ ഹോക്കിങ്, ഡി.സി ബുക്സ്, കോട്ടയം.
19. ജ്യോതിഭായി പരിയാടത്ത്, മയിലമ്മ ഒരു ജീവിതം, മാതൃഭൂമി ബുക്സ്, കോഴിക്കോട്.
20. മാധവിക്കുട്ടി, കേരള സഞ്ചാരം, ഡി. സി ബുക്സ്, കോട്ടയം.
21. വി. മുസഫിർ അഹമ്മദ്, മരുഭൂമിയുടെ ആത്മകഥ , കറന്റ് ബുക്സ്, തൃശൂർ.
22. രാജൻ കാക്കനാടൻ, ഹിമവാന്റെ മുകൾത്തട്ടിൽ, ഡി. സി ബുക്സ്, കോട്ടയം.
23. എം. കുഞ്ഞാമൻ, എതിര്, ഡി.സി ബുക്സ്, കോട്ടയം.
24. കെ. എ. ബീന , നദി തിന്നുന്നവീപ്, കറന്റ് ബുക്സ്, തൃശൂർ.
25. ഭാസ്കരൻ, ജാനു, ഡി. സി ബുക്സ്, കോട്ടയം
26. ദയാഭായി, പച്ചവിരൽ, ഡി. സി ബുക്സ്, കോട്ടയം.
27. വിജയരാജമല്ലിക, മറ്റൊരു പെണ്ണല്ല ഞാൻ, പാപ്പാത്തി
28. ജെറീന, ഒരു മലയാളി ഹിജഡയുടെ ആത്മകഥ, ഡി. സി ബുക്സ്, കോട്ടയം.

MODERN INDIAN LANGUAGE

B21SN02LC

महाकाव्यं गद्यकाव्यं च

Mahakavyam Gadyakavyam Cha

CREDITS: 6

लक्ष्यम् (Course Objectives)

- भारतीयकाव्यशास्त्रे परिचयप्रदानम्।
- इतिहासपुराणानां विषये उद्बोधनम्।

उद्देश्यानि (Course Outcomes)

- महाकाव्यमधिकृत्य उद्बोधनम्।
- महाकाव्यस्वरूपस्य, काव्यसौन्दर्यतत्त्वस्य चाऽवबोधनम्।
- इतरभाषासाहित्ये महाभारतस्य स्वाधीनताऽवगमनम्।
- संस्कृतसाहित्ये लक्ष्मणसूरिणः योगदानावगमनम्।
- संस्कृतगद्यसाहित्यपरिचयः।

Course Details

खण्डः 1 महाकाव्यपरिचयः।

1. 1. लौकिकसाहित्यमधिकृत्य सामान्यपरिचयः।
1. 2. महाकाव्यानि, पञ्चमहाकाव्यानि च।
1. 3. महाकाव्यलक्षणम्।
1. 4. कुमारसंभवस्य महाकाव्यलक्षणानुसारं अवलोकनम्।

खण्डः 2 कुमारसम्भवम् – पञ्चमसर्गः।

2. 1. पार्वत्याः तपश्चर्योद्यमः – श्लोकाः 1 – 17.

2. 2. महत्तरस्तपश्चर्याविशेषः – श्लोकाः 18 -29.
2. 3. ब्रह्मचारिप्रवेशः, सखीद्वारा पार्वत्याः इङ्गितनिवेदनं च – श्लोकाः – 30 –61.
2. 4. ब्रह्मचारिकृता शिवनिन्दा, पार्वत्या तन्निरासः, फलोदयश्च – श्लोकाः – 62 – 86.

खण्डः 3 गद्यपरिचयः ।

3. 1. गद्यकाव्यानां सामान्यपरिचयः।
3. 2. इतरसाहित्यरूपेषु इतिहासपुराणानां स्वाधीनम्।
3. 3. महाभारतम्, महाभारतस्य रचनाकालः, सामान्यपरिचयश्च।
3. 4. संस्कृतसाहित्ये लक्ष्मणसूरिणो योगदानम्।

खण्डः 4भारतसङ्ग्रहः – आदिपर्वणः समग्रमध्ययनम् ।

4. 1. खण्डिकाः 1 – 11.
4. 2. खण्डिकाः 12 – 15.
4. 3. खण्डिकाः 16 – 27.
4. 4. खण्डिकाः 28 – 31.

आवश्यकग्रन्थाः -

- कुमारसम्भवम् - *Kumarasambhava of Kalidasa*(with the commentary of Mallinatha), Vasudev Laxmansastri Pansikar(Ed.), Mumbai, 1908
- संस्कृतसाहित्येतिहासः – आचार्यलोकमण्डाहालः। चौखम्बा कृष्णदास अकादमी, वाराणसी।
- भारतसङ्ग्रहः- *Bharatasangraha*, M Lakshmanasuri, TheKuppuswamiSastri Research Institute, Madras, 1966.

सहायकग्रन्थाः -

- *A Companion to Sanskrit Literature*, Banerjee S.C, Motilal Banarsidas Publishers, Delhi, 1989

- *A History of Sanskrit Literature*, Macdonell A .A, Motilal Banarsidas Publishers, Delhi,1990.
- *A History of Sanskrit Literature*, A.B. Keith, Motilal Banarsidas Publishers, Delhi,1993
- *Glimpses of Sanskrit literature*, A.N.D Haksar, ICCR & New age International limited publishers.
- *History of Classical Sanskrit Literature*, M. Krishnamachariar, Motilal Banarsidas Publishers, Delhi,1990
- *Indian Kavya Literature*, A.K Warder. Motilal Banarasidass, Delhi, 1972.
- *Panorama of Sanskrit literature*, Dr.Satyavrat,1998
- *Samskritasahityacaritram* (Malayalam), KunjunniRaja & M.S Menon (Ed.), Kerala Sahitya Academy, Trissur, 1991
- *A Short History of Sanskrit Literature*, T K RamachandraAiyar, RS Vadhyar& Sons, Palakkad
- *Kumara Sambhava* (Edition with Malayalam commentary), Kuttikrishna

Additional References (E-resources)

www.kalidasacademy.com

www.poetrynook.com

www.resanskrit.com

www.ancient.cu

www.worldcat.org

Fifth Semester

DISCIPLINE CORE COURSE

B21EC05DC MACROECONOMICS I CREDITS: 6

Course Objectives:

This course aims to provide conceptual understanding of basic ideas in Classical and Keynesian Macroeconomics and thus the functioning of an economy as a whole.

Course Outcomes:

1. Students are expected to learn measurement of national income employment, inflation
2. To explain the theory of income and employment determination, fiscal and monetary policies, the role of government and central bank in stabilising (unstabilizing) the economy, Explain price level behaviour, and causes and consequences of inflation and also assess policy actions to influence inflation.
3. Students are expected to learn the aggregate demand/aggregate supply model and explain its uses, and limitations.

Course Outline

Block 1: Basic Concepts

Block 2: National Income Accounting

Block 3: Classical Macroeconomics

Block 4: Keynesian Macroeconomics

Block 5: Money

Block 6: Monetary Theory

COURSE DETAILS

BLOCK 1: Basic Concepts

Unit 1

Macroeconomic variables - Stock and Flow Variables - Partial and General Equilibrium

Unit 2

Macro Statics - Macro models - Macroeconomic Goals

BLOCK 2: National Income

Unit 1

National Income Concepts - Real and Nominal GDP - GDP at Current and Constant Prices - GDP Deflator - GDP Gross Value Added - GDP at Factor Cost and GDP at Market Price

Unit 2

Methods of National Income Estimation - income, expenditure, and factor method - Difficulties in the measurement

BLOCK 3: Classical Macroeconomics

Unit 1

Classical approach - Say's Law - Wage - Price Flexibility - Saving - Investment Equality

Unit 2

Classical Theory of Output and Employment

BLOCK 4: Keynesian Macroeconomics**Unit 1**

Keynesian Macroeconomic System - Principles of Effective Demand (ASF and ADF) -Consumption - Determinants of investments - MEC and Rate of interest

Unit 2

Simple Keynesian model of income determination - Multiplier and economic policy making -Tax multiplier - and balanced budget multiplier

BLOCK 5: Money**Unit 1**

Money - Functions of Money - Types of Money - Determination of Money Supply and Demand - Credit Creation

Unit 2

Monetary Policy - Role of Central Bank

BLOCK 6: Monetary Theory**Unit 1**

Fisher's Quantity Theory of Money - Classical Dichotomy - Neutrality of Money

Unit 2

Theory of Money - Cambridge Version - Liquidity Preference - Liquidity Trap

Reference

1. Fischer, Dornbusch, and Startz (2010) *Macroeconomics*, McGraw Hill, 11th edition.
2. N. Gregory Mankiw (2010) *Macroeconomics*, Worth Publishers, 7th edition,
3. Richard T. Froyen (2005) *Macroeconomics*, Pearson Education Asia, 2nd edition,
4. Samuelson, Paul.A. and William Nordhaus, *Economics*, McGraw Hill, 19th Ed.
5. Shapiro, Edward, *MacroEconomic Analysis* – Galgolia Publications, New Delhi
6. Blanchard, Oliver *Macroeconomics* Sixth Edition Pearson, 2017

DISCIPLINE SPECIFIC ELECTIVE COURSES

B21EC03DE

DEVELOPMENT OF ECONOMIC THOUGHT

CREDITS: 6

Course Objectives:

To enable the learner to develop an understanding on the origin and development of economic ideas before the development of economics as a separate branch of knowledge. To imbibe explicit insight to the philosophical and classical deductive approach to economic ideas since the birth of political economy as a separate science. Equip learner to assimilate the radical changes in economic ideas from historical and nationalist orientation to a socialist economic system with social ownership and operation of means of production. Enable learner to synthesise classical and neo-classical understanding by theoretical articulation of economic thought and the theoretical influence of Keynes on economic life. And finally to shed light on various aspects of Indian Economic thought and ethos.

Course Outcomes:

1. To recognise the major ideas associated with each school, group or thinker.
2. To follow the origin and theoretical basis of contemporary economic theory.

Course Outline

Block 1: Early Development of Economic Thought

Block 2: Classical Theories

Block 3: Utopian Socialists and Marx

Block 4: Towards Systems Building

Block 5: Indian Economic Thought 1

Block 6: Indian Economic Thought 2

COURSE DETAILS

BLOCK 1: Early Development of Economic Thought

Unit 1

Ancient Economic Thought - Hebrew, Greek and Roman

Unit 2

Scholasticism in the later Middle ages

Unit 3

Mercantilism - French and English, The French Enlightenment and the Physiocrats & Turgot

BLOCK 2: Classical Theories

Unit 1

Adam Smith

Unit 2

David Ricardo and Jean Baptiste Say

Unit 3

Utilitarianism and Thomas Malthus - Population paradigm

BLOCK 3: Utopian Socialists and Marx**Unit 1**

Forms of Socialism - Utopian Socialism

Unit 2

Karl Marx - Hegelian dialectics – Das Capital and Theories of Exploitation

Unit 3

Higher Capitalism

BLOCK 4: Towards Systems Building**Unit 1**

The Marginalist Revolution - Gossen - Walras

Unit 2

Alfred Marshall

Unit 3

Keynes - General Theory

BLOCK 5: Indian Economic Thought 1**Unit 1**

Contributions of Kautilya and ancient wisdom

Unit 2

Dadabhai Naoroji - R.C. Dutt - Ranade - Gokhale and N.M. Joshi

Unit 3

Gandhian Economics

BLOCK 6: Indian Economic Thought 2**Unit 1**

Ambedkar

Unit 2

Sri Narayana Guru

Unit 3

M N Roy

Reference

1. Hajela, T.N, *History of Economic Thought* (17th Edition) ISBN: 9788180522208, 8180522202, Ane Books Pvt Ltd :New Delhi
2. Jeff E. Biddle, John B. Davis, Warren J. Samuels (2008) *A Companion to the History of Economic Thought*, ISBN: 9781405128964, 1405128968, Wiley Publications
3. Gide, Charles and Rist, Charles (1973) *A History of Economic Doctrines*, Oxford University Press.

4. Ekelund, Robert B. and Robert F. Hebert (1990) *A History of Economic Theory and Method*, third edition, New York: McGraw Hill
5. Paul, R.R. *History of Economic Thought* ISBN-13: 978-9327227116, ISBN-10: 9327227115.
6. Roncaglia, Alessandro (2017), *A Brief History of Economic Thought*, ISBN: 9781107175334, 110717533X, Cambridge University Press
7. Lokanathan V. (2018), *A History of Economic Thought*, 10th Edition, ISBN: 9789352533374, 9352533372, Publisher: S CHAND & Company Limited
8. Dasgupta, A K (1986) *Epochs of Economic Theory*, Oxford University Press, New Delhi
9. Ekelund, Robert B. and Robert F. Hebert (1990) *A History of Economic Theory and Method*, third edition, New York: McGraw Hill.
10. Hajela, T.N *History of Economic Thought* (17th Edition) ISBN: 9788180522208, 8180522202, Ane Books Pvt Ltd: New Delhi
11. Dasgupta, A K (1986) *Epochs of Economic Theory*, Oxford University Press, New Delhi
12. Tom Bottomore (1980) *Dictionary of Marxist Thought*, Basic Blackwell Publishers.
13. Roncaglia, Alessandro (2017), *A Brief History of Economic Thought*, ISBN: 9781107175334, 110717533X, Cambridge University Press
14. Lokanathan V. (2018), *A History of Economic Thought*, 10th Edition, ISBN: 9789352533374, 9352533372, Publisher: S CHAND & Company Limited
15. Ekelund, Robert B. and Robert F. Hebert (1990) *A History of Economic Theory and Method*, third edition, New York: McGraw Hill.
16. Roy, Tirthankar (2011) *The Economic History of India 1857-1947*, Oxford University Press, 3rd edition
17. L N Rangarajan (1992): *Kautilya: The Arthashastra, edited, rearranged, translated and introduced*; Penguin Books: New Delhi
18. Lokanathan V. (2018), *A History of Economic Thought*, 10th Edition, ISBN: 9789352533374, 9352533372, Publisher: S CHAND & Company Limited
19. Rajindar K. Koshal and Manjulika Koshal (1973) *Gandhian Economic Philosophy*
20. Moorkothu Kumaran. 1971, *Sreenarayanaguruswamikaludejeevacharithram*. P.K. Brothers, Calicut.
21. M.K. Sanoo. 1976, *Sreenarayanaguruswamy. Vivekodhayam* printing publishing, Irinjalakuda.
22. P.K. Balakrishnan (1954) *Narayana Guru*. D.C. Books, Kottayam

B21EC04DE
DEVELOPMENT ECONOMICS
CREDITS: 6

Course Objectives:

The course is designed to ensure that students begin to understand basic concepts of Economic Growth and Development and thereby enable them to acquire multi-dimensional aspects of developmental issues by analysing the theoretical framework of growth and development. Demographic and environmental issues discussed in the course helps to relate development in a different perspective.

Course Outcomes:

1. Understand the concepts of growth and development from various perspectives
2. To familiarise various measures of development
3. Analyse features and reasons of underdevelopment
4. Understand measures of poverty and inequality
5. Critically evaluate various theories and approaches to development
6. Identifying the relationship between population and development
7. Evaluate demographic transition
8. Understand relation between environment and development

Course Outline

Block 1: Concepts of Growth and Development

Block 2: Growth Models and Empirics

Block 3: Approaches to Development

Block 4: Development Vs Sustainable Development

Block 5: Demography and Development

Block 6: Environmental Economics

COURSE DETAILS

BLOCK 1: Concepts of Growth and Development

Unit 1

Economic growth and development - Definition - Distinction between growth and development

Unit 2

Measures of development - PQLI - HDI - HPI – GDI - Multi-dimensional Poverty Index

Unit 3 Growth versus human development - Development as freedom - Sen's Capability approach

BLOCK 2: Growth Models and Empirics

Unit1

Classical theories of Growth - Adam Smith- David Ricardo - T.R. Malthus - J. S Mill (Concepts only)

Unit 2

Neo-Keynesian Models - Harrod-Domar Model - Criticisms

Unit 3

Neo-Classical Models - R.M. Solow - Endogenous growth models and evidences on determinants of growth

BLOCK 3: Approaches to Development

Unit 1

Characteristics of underdevelopment - Development gap

Unit 2

Poverty - poverty line - measures of poverty - Measures of inequality - Gini coefficient - Lorenz curve

Block 4 Development Vs Sustainable Development

Unit 1

Theories of development - Vicious circle of poverty - Rostow's stages of growth - balanced and unbalanced growth - Critical minimum effort thesis - low level equilibrium trap-Concept of dualism – social, technological, geographical

Unit 2

Concept - meaning and relevance of sustainable development – SDGs

Unit 3

Environment and sustainable development in the context of Indian scenario

BLOCK 5: Demography and Development

Unit 1

Demographic concepts - birth and death rates - age structure - fertility and mortality

Unit 2

Population and Economic Development - Human capital - composition and problems

Unit 3

Optimum theory of population - Theory of Demographic transition

BLOCK 6: Environmental Economics

Unit 1

Relationship between environment and development

Unit 2

Environmental economics – its scope – definition and importance

Unit 3

Environment as a public good - Market failure for environmental goods – Externalities -Tragedy of Commons

Reference

1. Sen, Amartya (2000), *Development as Freedom*, Oxford University Press, New Delhi.
2. Ray Debraj (2014), *Development Economics*, Oxford University Press, New Delhi.
3. Ghatak Subrath (1995) *Introduction to Development Economics*, Routledge
4. Taneja M.L and R.M. Myer (2014) *Economics of Development and Planning, 13th Edition*, Vishal publications.
5. Todaro, Micheal and Smith Stephen (2008) *Economic Development 10th edition*, Addison-Wesley.
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Macmillan, New Delhi

7. UNDP: *Human Development Reports* various years.
8. Ray Debraj, *Development Economics*, Oxford University Press, 2014.
9. Dasgupta Partha, *Economics, A Very Short Introduction*, Oxford University Press, 2007.
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11. Todaro, Micheal and Smith Stephen (2008) *Economic Development* 10th edition, Addison-Wesley.
12. Thirlwall (2006), *Growth and Development with Special Reference to Developing Countries*, Macmillan, New Delhi.
13. Higgins Benjamin (1968), *Economic Development*, Universal book stall, New Delhi
14. Ghatak Subrath (1995) *Introduction to Development Economics*, Routledge
15. Taneja M.L and R.M. Myer (2014) *Economics of Development and Planning* (13th Edition), Vishal publications.
16. Todaro, Micheal and Smith Stephen (2008) *Economic Development* 10th edition, Addison-Wesley.
17. Ray Debraj, *Development Economics*, Oxford University Press, 2014.
18. Dasgupta Partha (2007), *Economics, A Very Short Introduction*, Oxford University Press,.
19. Agarwala S.N. (1972), *India's Population Problem*, Tata McGraw-Hill Co., Bombay.
20. Bogue, D.J. (1971), *Principles of Demography*, John Wiley, New York
21. Sharma, R.K (latest edition), *Demography and Population Problems*, Atlantic Publishers.
22. Kolstad Charles D, *Environmental Economics*, OUP, 2000, New York
23. Kartar Singh and Anil Shishodia (2007), *Environmental Economics Theory and Application*, Sage Publications, New Delhi.
24. Karpagam M (2000), *Environmental Economics: A Textbook*, Sterling Publishers, New Delhi.
25. Dasgupta Partha, *Economics, A Very Short Introduction*, Oxford University Press, 2007.

B21EC05DE
INTERNATIONAL ECONOMICS
CREDITS: 6

Course Objectives:

This course aims at creating an awareness of theories of international trade and the impact of the trade policies on the world economy. It is designed to provide the students with ample skill to deal with issues related to international economics and examine the impact of trade policies followed both at national and international level.

Course Outcomes:

1. To understand and explain the developments in the foreign exchange markets, foreign trade and balance of payment positions.
2. To provide them with a theoretical foundation to understand the implications of the policy frameworks.

Course Outline

Block 1: Introduction to International Economics

Block 2: Theories of International Trade

Block 3: International Trade Policy

Block 4: Balance of Payments

Block 5: Foreign Exchange 1

Block 6: Foreign Exchange 2

COURSE DETAILS

BLOCK 1: Introduction to International Economics

Unit 1

International Economics - Meaning, Nature and Scope - Importance of International Trade

Unit 2

Production Possibility Curve - Community Indifference Curve - Offer Curves - Opportunity Cost

Unit 3

Terms of Trade - Gains from Trade - Static and Dynamic Gains

BLOCK 2: Theories of International Trade

Unit 1

Mercantilist Approach to Trade

Unit 2

Classical Theory - Absolute Advantage Theory - Comparative Advantage Theory

Unit 3

Factor Endowments and the Heckscher-Ohlin theory - Leontief Paradox

BLOCK 3: International Trade Policy

Unit 1

Free Trade - Protection

Unit 2

Methods of Trade Restriction - Dumping and Anti-Dumping Duties

Unit 3

BLOCK 4: Balance of Payments

Unit 1

Meaning and Structure of Balance of Payments

Unit 2

Equilibrium and Disequilibrium in the Balance of Payments

Unit 3

Devaluation and Balance of Payments

BLOCK 5: Foreign Exchange 1

Unit 1

Functions of the Foreign Exchange Markets - Equilibrium Rate of Exchange

Unit 2

Theories of Exchange Rate Determination - Mint Parity Theory - Purchasing Power Parity Theory - BOP Theory

Unit 3

Different Systems of Exchange Rate Determination - Fixed and Flexible Exchange Rate

BLOCK 6 Foreign Exchange 2

Unit 1

Spot and Forward Rates - Currency Swaps

Unit 2

Foreign Exchange Risks - Hedging and Speculation

Unit 3

Indian Scenario in Contemporary world

Reference

1. Salvatore, Dominick (2013) *International Economics- Trade and Finance* (Eleventh edition), Wiley-2014, ISBN-13: 978-8126552344
2. Salvatore, Dominick (2020) *Theory and Problems of International Economics, Schaum's Outlines, (Fourth edition)*, McGraw Hill-2020, ISBN-13: 978-9389691511
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10. Cherunilam Francis (2008), *International Economics*, Tata McGraw Hill, Delhi.
11. Maswood Syed Javed, *Trade, Development and Globalization*, Routledge-2015
12. Marrewijk Charles Van, *International Economics*, Oxford University Press-2012
13. Rao M B and Manjula Guru, *WTO and International Trade*, Vikas Publishing House-2009
14. Pal Parthapratin, *International Trade and India*, Oxford University Press-2014

B21EC06DE
PUBLIC ECONOMICS
CREDITS: 6

Course Objectives:

This Course is designed to impart a basic understanding of the working of the public finance system. This paper seeks to introduce the students some of the key concepts relating to public finance and provide them with a comprehensive idea of federal finance and make them aware of the trends in Indian fiscal policy instruments. It also equips students to make comparative and contrastive analysis of trends in revenue, public expenditure and fiscal deficits of India.

Course Outcomes:

1. Examine the basic concepts of Public Finance, Public goods and the role of government.
2. Describe the design of Indian Tax System and economic efficiency.
3. Explain the fundamental concepts of Public Expenditure & Public Debt and acquired a foundation in theoretical concepts in public economics.
4. Evaluate the financial relations and principles associated with Indian fiscal federalism.
5. Analyze the recent trends in taxation and budgetary policy and develop a critical thinking level.

Course Outline

Block 1: The Role of Public Sector

Block 2: Public Resource Mobilisation

Block 3: Public Expenditure & Public Debt

Block 4: Fiscal Federalism

Block 5: Fiscal Decentralisation

Block 6: Indian Experience

COURSE DETAILS

BLOCK 1: The Role of Public Sector

Unit 1

Meaning and Subject matter of Public Finance - Fiscal Functions - Functions of the modern State

Unit 2

Public Goods - Pure and Impure Public goods - Quasi Public Goods - Free-Rider Problem

Unit 3

Market failure and government intervention- Externalities- Pigouvian Tax

BLOCK 2: Public Resource Mobilisation

Unit 1

Sources of Public Revenue - Canons of Taxation - Classification of Taxes

Unit 2

Tax Burden - Laffer curve (Concept Only) - Optimal Commodity Taxation.

Unit 3

Indian Tax System - Structure - VAT - Goods and Services Tax (GST)

BLOCK 3: Public Expenditure & Public Debt

Unit 1

Meaning - Canon's of Public Expenditure - Developmental and Non-developmental Expenditure

Unit 2

Theories of Public Expenditure - Wagner's Hypothesis-Peacock - Wiseman Hypothesis

Unit 3

Public debt - Types -Theories of Public debt - Burden of Debt - Debt Redemption

BLOCK 4: Fiscal Federalism

Unit 1

Meaning of fiscal federalism - Principles of Federal Finance - Fiscal imbalances

Unit 2

Intergovernmental Transfers - Vertical and Horizontal equity in Fiscal Federalism - Criteria for transfer of resources

Unit 3

Fiscal Federalism in India

BLOCK 5: Fiscal Decentralisation

Unit 1

Finance Commissions - Fiscal Decentralisation - State Finance Commission and Panchayati Raj institutions

Unit 2

Budget - Understanding the Process of Budget Making in India - Revenue Receipts - Revenue Expenditure and Capital Expenditure

Unit 3

Deficits - Fiscal Deficit - Revenue Deficit - Primary Deficit – Centre-State relations

BLOCK 6 Indian Experience

Unit 1

The FRBM Act - Zero Budgeting - Outcome Budget

Unit 2

Trends of Revenue Receipts

Unit 3

Structure and growth of Public Expenditure and Composition of Public Debt in India (An Overview)

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4. Cullis John and Philip Jones (2009), *Public Finance and Public Choice: Analytical Perspectives*,3rd Ed, OUP (India)
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House Pvt. Ltd, New Delhi.

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Additional Readings

1. Economic Survey, Government of India (latest).
2. State Finances: A Study of Budgets, Reserve Bank of India (latest).
3. Budget documents.

GENERIC ELECTIVE (ARABIC)

B21AR01GE

Modern Standard Arabic

CREDITS: 2

COURSE OBJECTIVES

- The learner will be able to understand Arabic Language
- The learner will be able to identify the difference between MSA and Colloquial Arabic
- The learner will be able to understand Arabic Alphabets, common names and other words in Arabic
- The learner will be able to memorize usages, terminologies of different contexts and occasions in Arabic.
- The learner will be able to use Arabic Language in real life situations

COURSE OUTCOMES

1. Understand Arabic Language
2. Identify the difference between MSA and Colloquial Arabic
3. Understand Arabic Alphabets, common names and other words in Arabic
4. Memorize usages, terminologies of different contexts and occasions in Arabic.
5. Use Arabic Language in real life situations

Course Details

BLOCK 1: Introduction to Arabic Language & Basic structures of Arabic Language

Unit- 1 :Arabic Language, characteristics of Arabic Language

Unit- 2 :Modern Standard Arabic and Colloquial Arabic

Unit- 3 :Arabic Alphabets, basic structure of sentences in Arabic,

Unit- 4 :Question words, prepositions, name of days and months, date and time, cardinal and ordinal numbers, colors, parts of the body and common phrases.

BLOCK 2: Use of Arabic in different occasions

Unit- 1 :Self-introduction, Greetings in Arabic

Unit-2 :In airport, in railway station and in traveling office

Unit-3 :In market, in hotel, and in textile shop

Unit-4 :In hospital, in home and walk-in-interview

References:

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2. Abdul Hamid Madani, Cheriya mundam, (2004), Arabian Gulfile Samsarabhasha, Calicut: Al Huda Books
3. Abdul Hamid, V.P. & Abdul Halim, N.K., (2005), Arabic for Various situations, Calicut: Al Huda Books
4. Ali, Sayed, Teach Yourself Arabic, Kazi Publishers
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6. Bahmani, S.K., (2000), Easy Steps to Functional Arabic, Chennai: Alif Books.
7. Faynan, Rafi 'el Imad, (1998), The Essential Arabic, New Delhi: Good word Books
8. Hashim, Abul, (1997), Arabic made easy, New Delhi: Kitab Bhavan
9. Humisa, Michael, (2004), Introducing Arabic, New Delhi: Good word Books
10. Khoury, Sadallah, The Correct Translator: English-Arabic, Arabic-English, New Delhi:Kutub Khana.
11. Mace, John, (1996), Arabic Today: A student, business and professional course in spoken and written

Arabic,

Edinburgh: Edinburgh University Press.

12. Mohiyeedin, Veeran, (2005), Arabic Speaking Course, Calicut: Al Huda Books

13. Mohyideen, Veeran, (2008), Functional Arabic, Calicut: Arabnet

14. Rahman, S.A., (2003), Let's speak Arabic, New Delhi: Good word Books

GENERIC ELECTIVE (ENGLISH)
B21EG01GE
APPRECIATING LITERATURE
CREDITS: 2

OBJECTIVES:

- To kindle interest in reading literature.
- To help students to understand, learn from and enjoy literary texts, especially poetry.
- To enable the student to read and respond creatively, drawing on their own imagination and experience.
- To appreciate reading as a social experience.

COURSE OUTCOMES:

Upon completing the course students will:

- Be able to appreciate poems aesthetically.
- Engage in close analysis and understand the literary devices that enhance the beauty of the poem.
- Learn to consider literature as a communal experience.
- To inculcate a deeper admiration of the cultural diversity expressed in the poems.
- Be familiar with how literature reveals the human condition through its various strategies.

COURSE DETAILS:

BLOCK 1: Introducing Literary Texts: 1

Unit 1:	O Henry: "The Last Leaf"
Unit 2:	William Blake: "The Tyger"
Unit 3:	Alfred Lord Tennyson: "The Oak"
Unit 4:	Wallace Stevens: "Anecdote of the Jar"
Unit 5:	Emily Dickinson: "Because I could not Stop for Death"
Unit 6:	Baburao Bagul: "Why I hid My Caste"

BLOCK 2: Introducing Literary Texts: 2

Unit 1:	Arthur Conan Doyle: “The Adventure of the Dancing Men”
Unit 2:	Kamala Das: “Looking Glass”
Unit 3:	Maya Angelou: “I know Why the Caged Bird Sings.”
Unit 4:	W. H. Auden: “Unknown Citizen”
Unit 5:	Jayanta Mahapatra: “Hunger”
Unit 6:	Ted Hughes: “Hawk Roosting”

REFERENCES

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- Gilkes, Martin. *A Key to Modern English Poetry*, Blackie Son, 1937.
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- Hamilton, Ian. *The Oxford Companion to Twentieth-century Poetry in English*, OUP, 1996
- Pandey, Surya Nath. *Contemporary Poets in English*, Rawat Publications, 2007.
- Patke, Rajeev S. *Postcolonial Poetry in English*, OUP, 2006.
- Sen, Sudeep. *The Harpercollins Book Of English Poetry*, HarperCollins, 2012.
- Surendran, K. V. *Indian English Poetry: New Perspectives*, Sarup Sons, 2002.

GENERIC ELECTIVE (HINDI)

B21HD01GE

व्यवहारिक हिंदी

(Vyavaharik Hindi)

Credits: 2

पाठ्यक्रम का उद्देश्य (Course Objectives) :

दैनिक जीवन में भाषाई आदान प्रदान के लिए हिंदी के विविध रूपों से परिचय प्राप्त करना | दैनिक जीवन के विभिन्न प्रसंगों में हिंदी भाषा के प्रयोग करने में सक्षम होना।

पाठ्यक्रम परिणाम (Course Outcome):

CO 1: जीवन के सभी क्षेत्रों में हिंदी भाषा बोलने में सक्षम बनता है।

CO 2: हिंदी के सामान्य व्याकरण के सही उपयोग को समझता है।

Course Details

BLOCK 1 मानक हिन्दी का उच्चारण और बातचीत

इकाई 1 : घर में बाजार में, रसोई में, होटल में, दोस्तों के बीच, बच्चों के बीच, मां बाप के बीच, भाई बहन के बीच के वार्तालाप।

इकाई 2 : विद्यालय में, दफ्तर में, कॉलेज में, डाक घर में, रेलवे स्टेशन में, बैंक में, थाने में, हवाई अड्डे पर, अस्पताल में।

इकाई 3 : सड़क पर, पुस्तकालय में, सब्जीवाले के साथ।

इकाई 4 : किसी वरिष्ठ कवि से साक्षात्कार

इकाई 5 : फिल्म अभिनेता से साक्षात्कार

BLOCK 2 : रचनात्मक कार्य (पल्लवन) एवं भाषण कला

इकाई 1 : कहानी पूरी करना- एक राज था..

इकाई 2 : घर में एक अंधी रहती थी...

इकाई 3 : एक दिन....

इकाई 4 : खरगोश और कुछुए ने दौड़ लगायी...

References

1. व्यावहारिक हिंदी और रचना : कृष्णा कुमार गोस्वामी ।
2. व्यावहारिक हिंदी शुद्ध प्रयोग : डॉ . ओमप्रकाश ।
3. शैक्षिक व्याकरण और हिंदी : कृष्ण कुमार गोस्वामी ।
4. व्यावहारिक सामान्य हिंदी : डॉ .सविता पाईवाल ।

GENERIC ELECTIVE (MALAYALAM)
B21ML01GE
ആധുനിക മലയാളസാഹിത്യചരിത്രം
(Aadhunika Malayalasahithyacharithram)
CREDITS: 2

Course Objectives

- ആധുനിക മലയാളസാഹിത്യത്തെക്കുറിച്ച് സാമാന്യമായ അറിവ് നേടുക
- സാഹിത്യ പ്രസ്ഥാനങ്ങളുടെ ലഘുചരിത്രം മനസ്സിലാക്കുക
- മലയാളത്തിലെ ശ്രദ്ധേയരായ എഴുത്തുകാരെയും അവരുടെ കൃതികളെയും പരിചയപ്പെടുക
- കവിത, ചെറുകഥ, നോവൽ എന്നീ സാഹിത്യരൂപങ്ങളെ പരിചയപ്പെടുക
- ആധുനിക സാഹിത്യരൂപങ്ങളുടെ ആരംഭചരിത്രത്തെ മനസ്സിലാക്കുക

Course Outcomes

- ആധുനിക സാഹിത്യ പ്രസ്ഥാനങ്ങളുടെ ലഘുചരിത്രത്തെക്കുറിച്ച് അറിവ് നേടുന്നു.
- മലയാളത്തിലെ സാഹിത്യ പ്രസ്ഥാനങ്ങളെക്കുറിച്ച് ധാരണ ലഭിക്കുന്നു
- ആധുനിക മലയാളകവിതയുടെ സവിശേഷതകൾ മനസ്സിലാക്കുന്നു.
- മലയാള നോവലിന്റെ ചരിത്രത്തെക്കുറിച്ച് അറിവു നേടുന്നു.
- മലയാള ചെറുകഥയുടെ ചരിത്രത്തെക്കുറിച്ച് ധാരണ ലഭിക്കുന്നു.
- മലയാളത്തിലെ ശ്രദ്ധേയരായ എഴുത്തുകാരെയും അവരുടെ കൃതികളെയും പരിചയപ്പെടുന്നു.

COURSE DETAILS

ബ്ലോക്ക് 1 : ആധുനികമലയാളകവിത

യൂണിറ്റ് 1 : കവിത - കവിത്രയം -ആശാൻ, ഉള്ളൂർ, വള്ളത്തോൾ

യൂണിറ്റ് 2 : , ബാലാമണിയമ്മ, പികുഞ്ഞിരാമൻനായർ, ചങ്ങമ്പുഴ

യൂണിറ്റ് 3 : ഇടശ്ശേരി, എൻ. വികൃഷ്ണവാരിയർ,

യൂണിറ്റ് 4: പി. ഭാസ്കരൻ, വയലാർ, അയ്യപ്പപ്പണിക്കർ

ബ്ലോക്ക് 2 : നോവലുംചെറുകഥയും

യൂണിറ്റ് 1 : മലയാളനോവലിന്റെപശ്ചാത്തലം - ആദ്യകാലനോവലുകൾ

യൂണിറ്റ് 2 : വൈക്കംമുഹമ്മദ്ബഷീർ, എസ്. കെ. പൊറ്റക്കാട്, എം. ടി.വാസുദേവൻനായർ

യൂണിറ്റ് 3 : ഉറുബ്, കാക്കനാടൻ, ഒ. വി. വിജയൻ, സാറാ ജോസഫ്.

യൂണിറ്റ് 4 : ചെറുകഥ -ചെറുകഥയുടെപശ്ചാത്തലം - ആദ്യകാലകഥകൾ കാരൂർ, തങ്കഴി, കേശവദേവ്, പൊൻകുന്നംവർക്കി, ടി. പത്മനാഭൻ, മാധവിക്കുട്ടി, കാക്കനാടൻ, സാറാജോസഫ്, സക്കറിയ

റഫറൻസ്

1. കെ. എം. ജോർജ്ജ് (എഡി), ആധുനികസാഹിത്യചരിത്രം പ്രസ്ഥാനങ്ങളിലൂടെ, ഡി. സി. ബുക്സ്, കോട്ടയം.
2. എരുമേലിപരമേശ്വരൻപിള്ള, മലയാളസാഹിത്യംകാലഘട്ടങ്ങളിലൂടെ, കറന്റ്ബുക്സ്, തൃശ്ശൂർ.
3. കൽപ്പറ്റബാലകൃഷ്ണൻ, മലയാളസാഹിത്യചരിത്രം
4. ഡോ. എം.ലീലാവതി, കവിതാസാഹിത്യചരിത്രം, കേരളസാഹിത്യഅക്കാദമി, തൃശ്ശൂർ.
5. എം. അച്യുതൻ, ചെറുകഥഇന്നലെഇന്ന്, ഡി. സി., ബുക്സ്, കോട്ടയം
6. എൻ. അജയകുമാർ, ആധുനികതമലയാളകവിതയിൽ, കറന്റ്ബുക്സ്, കോട്ടയം.
7. തായാട്ടശങ്കരൻ, ആശാൻ - നവോത്ഥാനത്തിന്ററെകവി, എൻ.ബി.എസ്., കോട്ടയം.
8. പവിത്രൻപി., ആശാൻകവിത ആധുനികാനന്തരപഠനങ്ങൾ, സാംസ്കാരികപ്രസിദ്ധീകരണവകുപ്പ്, തിരുവനന്തപുരം
9. ഡോ. വത്സലൻവാതുശ്ശേരി, കഥയുടെനൂക്കിയസ്, ഒലീവ് പബ്ലിക്കേഷൻസ്, കോഴിക്കോട്.
10. ഡോ. പി. കെ. രാജശേഖരൻ, കഥാന്തരങ്ങൾ, ഡി. സി. ബുക്സ്, കോട്ടയം.
11. ഡോ. എം. എം. ബഷീർ, ചെറുകഥാസാഹിത്യചരിത്രം, കേരളസാഹിത്യഅക്കാദമി, തൃശ്ശൂർ.
12. പി. കെ. ബാലകൃഷ്ണൻ, ചന്തുമേനോൻഒരുപഠനം, ഡി.സി.ബുക്സ്, കോട്ടയം
13. ഡോ. കെ. ഭാസ്കരൻനായർ, ദൈവനീതിക്ക്ദാക്ഷിണ്യമില്ല, എസ്. പി. സി. എസ്, കോട്ടയം
14. കെ. എം. തരകൻ, മലയാളനോവൽസാഹിത്യചരിത്രം, കേരളശാസ്ത്രസാഹിത്യപരിഷ്, തിരുവനന്തപുരം
15. എം. അച്യുതൻ, നോവൽപ്രശ്നങ്ങളുംപഠനങ്ങളും, എൻ. ബി. എസ്, കോട്ടയം
16. കെ. പി. അപ്പൻ, മാറുന്നമലയാളനോവൽ, ഡി. സി. ബുക്സ്, കോട്ടയം

GENERIC ELECTIVE (SANSKRIT)

B21SN01GE

संस्कृतसोपानम्
(Samskrutasopanam)

Credits: 2

लक्ष्यम् (Course Objectives)

संस्कृतभाषायाः अध्ययनाय अलब्धावसराणां अनायासेन संस्कृतप्रवेशाय अवसरप्रदानम्।

(To pave an easy way to study Sanskrit for those, who were not getting opportunities to study it.)

उद्देश्यम् (Course Outcomes)

1. संस्कृताध्ययनस्य प्रारंभाय अवश्यमध्येतव्यानां सुबन्तानां तिङन्तानाञ्च परिचयप्रदानम्।

(Study of declensions and conjugations of Sanskrit, which are basic requirements for the study of Sanskrit)

2. छात्राणां पदसम्पदः प्रवृद्धिः (Enrichment of vocabulary.)

3. अन्यासां भारतीयभाषाणामपि पदसम्पदां अवगमने सौकर्यप्रदानम्

(Two understand the vocabulary of other Indian languages easily.)

4. भारतीयसंस्कृतेः महिमातिरेकं अवगन्तुं, तस्या वाहिनीरूपाया अस्या भाषाया अध्ययनेन छात्रान् प्रभावयितुम्।

Familiarize the students with the glorious Indian culture by providing opportunity to learn it through its resource language, Sanskrit.

5. सुसम्पन्ने संस्कृतसाहित्ये परिचयप्रदानम्।

(To familiarize the richness of Sanskrit Literature)

6. काव्यास्वादनक्षमतोत्पादनम्।

Development of skill to enjoy the beauty of kavyas.

Course Details

BLOCK 1. सुबन्त - तिङन्त - पदपरिचयः - (Block 1. Declensions and conjugations)

1.1. पुंलिङ्ग - नपुंसकलिङ्गशब्दाः- बाल, हरि, गुरु, पितृ, राजन् (पुंलिङ्गे)।

फल, वारि, दधि, मधु, जगत् (नपुंसकलिङ्गे)।

(Declensions of masculine and neutral sabdas - *bala, hari, guru, pitr* and *rajan* in masculine; *phala, vari, dadhi, madhu and jagat* in neutral)

1.2. स्त्रीलिङ्गशब्दाः सर्वनामशब्दाश्च -

लता, मति, नदी, स्त्री, मातृ, भास् - स्त्रीलिङ्गशब्दाः।

अस्मत्, युष्मत्, तत्, एतत्, किम् - सर्वनामशब्दाः (तत्, एतत्, किं- त्रिषु लिङ्गेषु)

(Feminine - *latha, mathi, nadee, stree, maatr* and *bhas*.

Pronouns - *tat, etat and kim* – in three genders.

And *asmad and yushmad* sabdas.)

1.3. तिङन्तपरिचयः (Conjugations) -

भूधातुः (परस्मैपदी) दशलकारेषु।

(The root *bhu* – *parasmaipadi* - in all the ten *lakaras*)

1. 4. वदि (वन्द्) धातुः (आत्मनेपदी) - दशलकारेषु। एधधातुः लिटि केवलम् - अनुप्रयोगलिटः अवगमनाय)

(The root *vand* in all the ten *lakaras* and the root *Edha* in *lit* only, to familiarize with the *Anuprayoga Lit.*)

BLOCK 2 - काव्यपरिचयः - रघुवंशमहाकाव्यम् (महाकविः कालिदासः) प्रथमसर्गः 1 – 54 श्लोकाः। त् निर्दिष्टश्लोकाः।

(Poetry – Raghuvamsa mahakavya of Kalidasa, 1st canto, slokas 1 to 54.)

2. 1. सूर्यवंशस्य महिमा, तस्मिन् वंशे दिलीपस्य जन्म च - 1 – 12 श्लोकाः।

(Dignity of Suryavamsa and birth of King Dileepa in that race – slokas 1 to 12)

2. 2. दिलीपस्य गुणवर्णना- श्लोकाः 13 – 30

(The qualities of Dileepa – verses 13 to 30)

2. 3. दिलीपस्य आश्रमयात्रा - श्लोकाः 31 – 47.

(Dileepa's journey to the hermitage of his Guru – slokas 31 to 47)

2.4. वसिष्ठाश्रमवर्णना - श्लोकाः 48 – 54)

References -

1.रघुवंशमहाकाव्यम् - कालिदासः प्रथमः सर्गः)

R.S.Vadyar and Sons, Kalpathy, Palghat.

सहायकग्रन्थाः -

1.शब्दमञ्जरी - विद्यासागर के. एल्. वी. शास्त्री

R.S.Vadyar and Sons, Kalpathy, Palghat.

2. धातुरूपमञ्जरी - विद्यासागर के. एल्. वी. शास्त्री

R.S.Vadyar and Sons, Kalpathy, Palghat.

सहायकग्रन्थाः -

1. रघुवंशमहाकाव्यम् - With Sanjeevini Vyakhya of Mallinatha

Pandurang Jawaji, Bombay.

2. कालिदाससाहित्यसर्वस्वम् - सुधांशु चतुर्वेदी (मलयालम्)

Current Books, Kottayam.

SKILL ENHANCEMENT COURSE (SE-2)
B21EC02SE
DIGITAL ECONOMY AND E- COMMERCE
CREDITS: 2

Course Objectives:

This course aims to familiarise the students with the fundamentals of the digital economy and e-commerce. By studying the digital economy related modules, the student should understand the nature and extent of the digital economy, the various challenges that the digital economy presents, implications of the digital economy on development and the fundamentals of e-commerce.

Course Outcomes:

1. Understanding fundamentals of the digital economy.
2. Demonstrate knowledge about the significance of e-commerce in an economy.

Course Outline:

Block 1: Digital Economy

Block 2: E-Commerce

COURSE DETAILS

BLOCK 1: Digital Economy

Unit1

Digital Economy- meaning - features - components - the transformation of the real economy into digital economy

Unit 2

The role of the technology revolution in the economy - digital innovation and its impact on economic growth - concepts of the 'fourth industrial revolution'

Unit 3

Electronic Trading Cycles - Digital economy's ecosystem - IT skills and growing digital population - online platforms - Internet of Things - cloud computing- artificial intelligence - block chain technology

Unit 4

Digital Money - Privacy, security, the ethical and social impact of ICT initiatives - Tax Challenges of the Digital Economy - Social impact of Digital economy - the digital divide - gender digital divide.

BLOCK 2: E-Commerce

Unit 1

E-commerce - Meaning and concept - History of E-commerce

Unit 2

Importance of E-commerce - features - benefits of E-commerce - impacts - challenges and limitations

Unit 3

Online shopping - Electronic Payment systems - Cybersecurity and e-payment

Unit 4

The Indian E-Commerce scenario

References:

1. Jordan Tim, *The Digital Economy, Polity*, 1st edition (February, 2020), ISBN-10 : 1509517561
2. Overby Harald, Jan A. Audestad, *Digital Economics: How Information and Communication Technology is Shaping Markets, Businesses, and Innovation*, Create Space Independent Publishing Platform; 1st edition (June, 2018), ISBN-10 : 1986751392
3. Vaitheeswaran K, *Taxation of Digital Economy*, Oak Bridge; 1st edition (March 2020),
4. European Parliament, Tax Challenges of the Digital Economy.
5. [https://www.europarl.europa.eu/RegData/etudes/STUD/2016/579002/IPOL_STU\(2016\)579002_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/STUD/2016/579002/IPOL_STU(2016)579002_EN.pdf)
6. OECD, Addressing the Tax Challenges of the Digital Economy, OECD/G20 Base Erosion and Profit Shifting Project , OECD Publishing. <https://read.oecd.org/10.1787/9789264218789-en?format=pdf>
7. Schneide Gary P. r, *Electronic Commerce*, Course Technology Inc.
8. Perry James T., *New Perspectives on E-Commerce*, Course Technology Inc.
9. Jaiswal S., *Doing Business on the Internet E-COMMERCE (Electronic Commerce for Business)*, Galgotia Publications
10. Joseph P.T., *E-Commerce: An Indian Perspective*, PHI Learning Private Limited, Delhi

Sixth Semester

DISCIPLINE CORE COURSES
B21EC06DC
MACROECONOMICS II
CREDITS: 6

Course Objectives:

This course aims to provide conceptual understanding of equilibrium in goods market and money market, and impart knowledge of theories of inflation and unemployment. Learners will also learn theories of economic fluctuation and effectiveness of fiscal and monetary policies in macroeconomic stabilisation.

Course Outcomes:

1. Students are expected to learn basic IS-LM model, employment, inflation and explain the fiscal and monetary policies
2. Students will be able to analyse the business cycle, and the role of government and central bank in stabilising (unstabilizing) the economy, etc.
3. Students are expected to explain price level behaviour, and causes and consequences of inflation, and also assess policy actions to influence inflation.
4. Students are expected to learn and explain its uses, and limitations.

Course outline

Block 1: The IS-LM Model

Block 2: Theories of Inflation

Block 3: Unemployment

Block 4: Business Cycles

Block 5: Fiscal and Monetary Policy 1

Block 6: Fiscal and Monetary Policy 2

COURSE DETAILS

BLOCK 1: The IS-LM Model

Unit 1

The Goods Market and the IS Curve

Unit 2

The Money Market and the LM Curve

Unit 3

Equilibrium and Shifts in the Goods and Money Markets

BLOCK 2: Theories of Inflation

Unit 1

Inflation - Types of Inflation - Measurement of inflation in India

Unit 2

Effects of inflation - Sacrifice ratio

Unit 3

Theories of inflation - Measures to control inflation

BLOCK 3: Unemployment

Unit 1

Unemployment - Types of unemployment - Measuring unemployment - Costs of unemployment

Unit 2

Okun's Law - Phillips curve - Short Run and Long run Phillips curve - NAIRU

Unit 3

Stagflation of 1970s - reasons

BLOCK 4: Business Cycles**Unit 1**

Business Cycles - Phases

Unit 2

Theories of trade cycles - Hawtrey's theory - Hayek's theory- Keynesian theory - Monetarist interpretation of trade cycles

Unit 3

Contra-cyclical policy measures - Monetary, fiscal, and incomes policy - Meaning and Instruments

BLOCK 5: Fiscal and Monetary Policy 1**Unit 1**

Fiscal policy

Unit 2

Monetary policy

Unit 3

Interaction between fiscal and monetary policy

BLOCK 6 Fiscal and Monetary Policy 2**Unit 1**

Unconventional Monetary Policy

Unit 2

World Financial Crisis - 2008 and use of Monetary and Fiscal policy

Unit 3

Recent trends in India's Monetary and Fiscal Policy

References:

1. Dornbusch, Fischer and Startz (2010) *Macroeconomics*, McGraw Hill, 11th edition
2. Mankiw, N. Gregory (2010). *Macroeconomics*, Worth Publishers, 7th edition.
3. Froyen Richard T., *Macroeconomics*, Pearson Education Asia, 2nd edition, 2005.
4. Samuelson, Paul. A. and William, Nordhaus, *Economics*, McGraw Hill, 19th Ed.
5. Shapiro Edward, *Macro Economic Analysis*, Galgolia Publications, New Delhi.
6. Olivier Blanchard, *Macroeconomics* Sixth Edition Pearson, 2017.
7. Eugene Diulio, *Macro economic Theory, Shaum's Outline series*, Tata McGraw Hill.
8. Errol D'Souza, *'MacroEconomics'* – Pearson Education 2008.
9. Lipsey R. and A Crystal, *Economics (11th Edition)*, Oxford University Press New Delhi.

B21EC07DC
ECONOMIC DEVELOPMENT AND POLICY IN INDIA
CREDITS: 6

Course Objectives:

This course is designed with a purpose to appraise the major economic policy decisions, shifts in policy and issues that made an indelible imprint on the economic life of our nation and its people. This course will provide a critical understanding on the structural transformation of India since Independence, major policy decisions that accelerated economic development of India and transformed our nation's economic outlook.

Course Outcomes:

1. It provides a critical understanding on change in sectoral composition of GDP, shift in labour force among sectors since Independence and importance and challenges of demographic dividend.
2. Students will get an understanding on the issues and policy developments in India.
3. This course enables students to get a deep understanding of the economic policy decisions of the government of India, reasons and logics behind such decisions, its probable impacts.
4. This course also enables students to get an understanding on the economy of Kerala, structural transformation of Kerala since its formation, its peculiar and unique development pattern, issues and critical challenges.

Course outline

Block 1: Structural Transformation of Indian Economy since Independence

Block 2: Major Economic Events

Block 3: Development Strategy of India since 1950

Block 4: Development Strategy of India since 1990

Block 5: Recent Economic Policy Issues

Block 6: Kerala Economy since the Formation of the State

COURSE DETAILS

BLOCK 1: Structural Transformation of Indian Economy since Independence

Unit 1

Change in the Share of Sectoral Composition of GDP since Independence - Agriculture, Industry and Service Sectors

Unit 2

Shift of Labour force in Sector wise over the years - Unemployment and Methods of Estimation

Unit 3

Demographic Transition since 1951 - Demographic Dividend of India - Poverty in India

BLOCK 2: Development Strategy of India since 1950

Unit 1

Strategy for Economic Development and Industrialisation - Mixed Economy – Five year plan

Unit 2

BLOCK 3: Major Economic Policies

Unit 1

IPR 1956 - Policy and Development Issues - MRTP Act

Unit 2

Nationalisation of Banks in 1969 and 1980

BLOCK 4: Development Strategy of India since 1990

Unit 1

Shift in Development Strategy since 1990s - New Economic Policy of 1991 - Globalization - Liberalisation and Privatisation - Disinvestment - Policy and Issues

Unit 2

IPR 1991 - Policy and Development Issues - Fiscal - Financial and Trade Reforms.

.Unit 3

Withdrawing Legal tender of currency notes of Rupees 500, 1000, 2000

BLOCK 5: Recent Economic Policy Issues

Unit 1

Financial Inclusion Strategy - Planning Commission vs NITI Aayog

Unit 2

GST and Issues - A Brief Analysis.

Unit 3

Economic Impacts of COVID 19 - A brief Analysis

BLOCK 6: Kerala Economy since the Formation of the State

Unit 1

Unique Kerala Model of Development

Unit 2

Importance of Health and Education in Kerala - Issues and Challenges.

Unit 3

Infrastructural Development in Kerala – Challenges and Resolutions

References

1. Kapila, Uma (2013) *Indian Economy since Independence*, Academic Foundation, New Delhi.
2. Aiyer, Shekar and Arora Mody (2011): *Demographic Dividend: Evidences from Indian States*, IMF Working Papers.
3. Economic Survey 2012-13, *Ministry of Finance, GoI, Chapter-2, Seizing the Demographic Dividend*, pp:26-55.
4. Prakash, B.A (2011): *Indian Economy since 1991: Economic Reforms and Performance*, Pearson Education, New Delhi.
5. Misra, J.K and V.K.Puri (2014) *Indian Economy: The Development Experience*, Himalaya Publishing House, Mumbai.

6. *Population Census Data*, Registrar General and Census Commissioner of India, Government of India and Directorate of Census, Government of Kerala.
7. Gupta, Suraj B (2015) *Monetary Economics – Institutions, Theory and Policy*, S.Chand, New Delhi.
8. Shiva, Vandana (1990) *Violence of the Green Revolutions*.
9. Swaminathan, M.S. (2017) *50 Years of Green Revolution – An Anthology of Research Papers*, WS Professional.
10. Swaminathan, M.S (2010): *From Green Revolution to Evergreen Revolution – Indian Agriculture: Performance and Challenges*, Academic Foundation, New Delhi.
11. Scholten, Bruce A (2010) *India's White Revolution – Operation Flood, Food Aid and Development*, Imprint: I.B.Tauris: Publisher : I.B.Tauris & Co Ltd. Series.
12. Misra, J.K and V.K.Puri (2014) *Indian Economy: The Development Experience*, Himalaya Publishing House, Mumbai.
13. Acharya, Shankar and Rakesh Mohan (2010) (ed.), *India's Economy – Performance and Challenges*, Oxford University Press, New Delhi.
14. Prakash, B.A (2011) *Indian Economy since 1991: Economic Reforms and Performance*, Pearson Education, New Delhi.
15. Misra, J.K and V.K.Puri (2014) *Indian Economy: The Development Experience*, Himalaya Publishing House, Mumbai.
16. Kapila, Uma (2013) *Indian Economy since Independence*, Academic Foundation, New Delhi.
17. Prakash, B.A (2011) *Indian Economy since 1991: Economic Reforms and Performance*, Pearson Education, New Delhi.
18. Economic Survey 2014-15, Ministry of Finance, GoI.
19. Misra, J.K and V.K.Puri (2014) *Indian Economy: The Development Experience*, Himalaya Publishing House, Mumbai.
20. Uma Kapila (2013) *Indian Economy since Independence*, Academic Foundation, New Delhi.
21. Conference Proceedings of 83rd Annual Conference of the Indian Economic Association (IEA), in Jammu in 2000 – Second Generation of Reforms in India.
22. Rakesh Mohan (2011) *Growth with Financial Stability*, Oxford University Press, New Delhi.
23. Gupta, Suraj B (2015) *Monetary Economics – Institutions, Theory and Policy*, S.Chand, New Delhi.
24. Machi Raju.M.R (1999) *Indian Financial System*, Vikas Publishing House, New Delhi.
25. Krueger, Anne, O. (Ed) (2002) *Economic Policy Reforms and Indian Economy*, Oxford University Press, New Delhi.
26. Chakrabarthy, K.C (2012) *Indian Economy: Imperatives for Second Generation Reforms*, RBI Monthly Bulletin, October 2012.
27. Arya, P.P and B.P Tandon (2004) *Economic Reforms in India: From First to Second Generation and Beyond*, Deep & Deep Publications, New Delhi.
28. *Economic Surveys (2019-2020) and (2020-21)*, Ministry of Finance, GoI, New Delhi
29. Prakash, B.A (Ed.) (1999) *Kerala's Economic Development: Issues and Problems*, Sage Publication, New Delhi.
30. Prakash, B.A (Ed.) (2004) *Kerala's Economic Development: Performance and Prospects in the Post Liberalisation Period*, Sage Publication, New Delhi.
31. Planning Commission (2008): *Kerala Development Report*, Academic Foundation, New Delhi.
32. Parayil, Govindan (2000) (ed.) *Kerala: The Development Experience -Reflections on Sustainability and Replicability*, Zed Books, London.
33. Kerala State Planning Board, *Economic Reviews* (Various Issues - Years), Thiruvananthapuram.
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35. Oommen, M.A (1999) *Rethinking Development, Kerala's Development Experience* (in Two Volumes), Concept, New Delhi.

36. Khan, H.R (2011) *Infrastructuring Financing in India – Progress and Prospects*,
<http://www.bis.org/review/r120117c.pdf>

37. The World Bank (2006) *Financing Infrastructure : Addressing Constraints and Challenges*

Additional Readings.

1. Kurian, V (2005) *I too Had a Dream*, Lotus Collection, New Delhi.
2. Balashankar, R (2019) *Narendra Modi: CREATIVE DISRUPTOR: The Maker of New India*, Konark Publishers Pvt Ltd, New Delhi.
3. Kalyan Ray (2005) *Globalisation or Colonisation*, Deep & Deep Publications, New Delhi.

GENERIC ELECTIVES (GE - 2)
B21BB01GE
ENTREPRENEURSHIP AND STARTUPS
CREDITS: 2

Course Objectives:

1. To provide an understanding of entrepreneurship and startups,
2. To understand the scope of an entrepreneur, key areas of development, financial support of organisations, etc.
3. To impart knowledge on how to start new ventures.

Course Outcomes:

1. Encourage students to see entrepreneurship as a desirable and practical career option and to develop the necessary skills and motivation.
2. Enables the student to learn about project design, evaluation, financing and implementation.
3. Motivate students to self-employ.

Course outline

Block 1: Concepts of Entrepreneur

Block 2: Startups

COURSE DETAILS

Block 1: Concepts of Entrepreneur:

Meaning - Definitions- Characteristics of entrepreneur -Types of entrepreneurs - Qualities of an entrepreneur- Role of entrepreneurs in the economic development - Women Entrepreneurs – Recent developments- Problems & Remedies, Entrepreneurship – Meaning – Definition - Entrepreneurial Development Programmes (EDP) - Objectives of EDP - Phases of EDP

Block 2: Startups

Meaning – Definition – Startup India Initiative – Journey of Evolution - Startup Portal and Startup India Hub-Startup Ecosystem-Unicorns Startups-Startup Recognition– Gem Workshops-Startup Management-Various Schemes offered by Government for the Promotion of Startups- Incubators - Startup Finance-Licensing- Exemptions for Startups- Startups in Kerala- Kerala Startup Mission-Process of registering a Startup in Kerala–Basic Start-Up Problems and Remedies.

Project appraisal - Project Report-Requirements of a good report - General Principles of a Good Report-Performance of a Project Report.

References

1. Dr. C.B. Gupta, Dr. N.P. Srinivasan, Entrepreneurship Development in India –, Sultan Chand and Sons. (All Modules)
2. P. Saravanavel, Kay, Ess, Pee, Kay, Entrepreneurial Development Principles, Policies and Programmes –(All Modules)

3. Peter F. Drucker, Innovation and Entrepreneurship. (Module I)
4. Sangram Keshari Mohanty, Fundamentals of entrepreneurship, New Delhi , PHI. (All Modules)
5. K. Swapna, John S. Moses and Y. Sarada, Startup Management, Himalaya Publishing House (All Modules)
6. Peter Thiel, Zero to One: Notes on Startups, or How to Build the Future — Crown Publishing Group, (Module II)
7. Deirdre Sartorelli, Startup Smart, A handbook for entrepreneurs – (Module II)
8. Vasanth Desai, Small Business Entrepreneurship, Himalaya Publishing House. (All Modules)
9. Renu Arora & S.K. Sood: Fundamentals of Entrepreneurship and Small Business. (Module I)
10. Abha Mathur, Entrepreneurship, Taxman Publishing (All Modules)

B21CA01GE
COMPUTER SYSTEMS AND INTERNET TECHNOLOGIES
CREDITS: 2

Course Outcomes:

- To understand the working of a computer
- To know about computer connectivity
- To make aware of cloud and wireless technologies
- To familiarise cyber etiquette

Course outline

Block 1: Computer System Fundamentals

Block 2: Internet Technologies

COURSE DETAILS

Block 1: Computer System Fundamentals

Unit 1: Fundamentals of Computers: types of computers, Software and hardware, Storage-HDD, SSD, Portable devices, mobile devices, selecting a system specification based on requirements

Unit 2: Operating System Concepts: components, common operating systems, RTOS, mobile OS, files and file system, BIOS and booting, remote connections

Unit 3: Choosing and installing operating system: Proprietary vs open source OS, Partitioning, installation and troubleshooting

Unit 4: System Security and Protection: malware, firewall, antivirus, phishing, clickjacking, spamming,

Unit 5: Managing Web and Email: password policies, captcha, two way authentication, browsing history, cookies and session management, ad and pop-up blocking practices; Email usage

Block II: Internet Technologies

Unit 1: Networking Concepts: networking hardware, connections-bandwidth, speed, interfaces, IP address and MAC address

Unit 2: Cloud Computing Concepts: types and services; applications of cloud computing- online data storage backup and recovery, Big-data analysis, Development and Testing, E-commerce application, cloud computing in education; IoT and wearable devices

Unit 3: Wireless and Mobile Technologies: Bluetooth, Wifi, Wi-max, Zigbee; Mobile communication- GPS, GPRS, GSM, 3G, 3.5G, Features of 4G & 4G LTE, VoLTE, 5G

Unit 4: Web Pages creation and hosting: web client, web servers, HTTP request-response, web page creation and web hosting

Unit 5: Cyber Literacy and Etiquette: search engine usage - Google Scholar; social media platforms - relevance and use; social media interaction; credibility and fact-checking in cyberspace

References:

1. Sinha, Pradeep K., and Priti Sinha. *Computer fundamentals*. BPB publications, 2010.
2. White, Ron, and Timothy Edward Downs. *How computers work*. Que, 1998.
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4. Buyya, Rajkumar, Christian Vecchiola, and S. Thamarai Selvi. *Mastering cloud computing: foundations and applications programming*. Newnes, 2013.
5. Anthony T. Velte, “*Cloud Computing: A Practical Approach*”, Tata McGraw Hill, 2009.
6. Kukushkin, Alexander. *Introduction to mobile network engineering: Gsm, 3g-wcdma, lte and the road to 5g* John Wiley & Sons, 2018.
7. Lin, Yi-Bang, and Imrich Chlamtac. *Wireless and mobile network architectures*. John Wiley & Sons, 2000.

B21CM01GE
BANKING
CREDITS: 2

Course Objectives:

1. To familiarise the learners with banking and different types of banks.
2. To enable the learners to acquire knowledge about the Indian banking system and development banks.
3. To familiarise the learners with e-banking and e-banking services.
4. To provide learners with knowledge on core banking, e-banking security and electronic signature.

Course Outcomes:

After completing the Course, the learners shall be able to:

1. Avail the various schemes and programmes by the developments banks in India
2. Use the e-banking service that the banks provide.

Course outline

Block - 1 Banking Theory

Block- 2 E-Banking

COURSE DETAILS

Block 1: Banking Theory

Unit-1: Introduction to Banking

Evolution of banks- Meaning- Definition of Banks and Banking- Features of banks-Importance of banks- Relationship between Banker and Customer

Unit-2: Types of Banks and Banking

Introduction-Commercial Banks-Industrial Banks-Agricultural Banks-Exchange Banks-Saving Banks-Central/National Banks-Types of Banking-Branch-Unit-Group-Chain-Deposit Banking

Unit-3: Indian Banking System

Introduction to Indian Banking System-Organised and Unorganised Banks-Commercial Banks-Types of Commercial Banks-Cooperative Banks-Functions of Commercial Banks-Mergers in banks

Unit-4: Development Banks

Unit-5: Central Banks

Central bank system-Central banks in different countries –Central bank of India- Introduction to RBI- Role of RBI- General policies of RBI- Management-Objectives of RBI-Functions of RBI

Block 2: E-Banking

Unit-1: Introduction to E-Banking

Concept of E-Banking- Features- Challenges of E-Banking-Traditional banking v/s E-banking- Impact of IT on Banking-RBI Guidelines for E-Banking

Unit-2: E-Banking Services

Introduction-Meaning-ATM-Credit Card-Debit Card-SmartCard-CDM-POS-Telebanking- E-Cheque- E-cheque and truncated cheque-ECS-CIBIL Score- CORE Banking

Unit-3: CORE Banking

EFT-RTGS-NEFT-IFSC-E-Purse-Virtual Banking-SWIFT-UPI-Mobile Banking- Internet banking

Unit-4: E-Banking Security

Introduction-Need of Security-Security Concepts-Security Attacks-Cyber Crimes

Unit-5:Electronic signature

Meaning of e-signature - Definition of e-signature - Advantages-Disadvantages- Uses of e-signature- Working of e-signature- Application of e-signature in banks- Digital signature v/s e-signature

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B21HS01GE
MODERNIZATION OF KERALA
CREDITS: 2

Course Objectives:

The course aims:

1. To trace the historical backdrop of the formation of modern Kerala.
2. To evaluate the nature of the social reform movement in Kerala.

Course Outcomes:

The course would enable the learners:

1. To learn about the role of reform movements in transforming traditional society into a modern one.
2. To understand the character of Kerala renaissance and identify how it revolutionised the social fabric of Kerala.

Course outline

Block 1: Towards Modernity

Block 2: Socio-Religious Reform Movements

COURSE DETAILS

BLOCK 1: TOWARDS MODERNITY

- Unit 1: Prelude to Social Reform
- Unit 2: Colonial Administration- Modernity
- Unit 3: Missionary intervention
LMS-CMS-BEM- Channar agitation
- Unit 4: Print and Early Newspapers
- Unit 5: Western Education - Early Educational efforts
- Unit 6: Malayalam Literature and New Social Consciousness

BLOCK 2: SOCIO-RELIGIOUS REFORM MOVEMENTS

- Unit: 1: Vaikunda Swamy and Samatva Samajam
- Unit 2: Sree Narayana Guru and SNDP Yoga
- Unit 3: Ayyankali and SJP Yogam- Poikayil Appachan and PRDS
- Unit 4: V.T.Bhattathiripad and Yoga Kshema Sabha
- Unit 5: Makthi Tangal, Vakkam Moulavi and Aikya Sangam
- Unit 6: Chattampi Swamikal, Mannath Padmanabhan and NSS
- Unit 7: Women question in the Social-reform Movements in Kerala

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B21PH01GE
INTRODUCTION TO THE PHILOSOPHY OF SREENARAYANAGURU
CREDITS: 2

Course Objectives:

- This paper aims to provide an exposition of Sree Narayanaguru's philosophy based on Vedanta.
- To understand Sree Narayanaguru as a mystic, philosopher and social reformer.
- To understand Guru's contributions to social reformation and educational empowerment.
- To provide an outlook of practical approaches of Guru on social matters.

Course outline

Block 1: Vedanta as Background of Guru's Philosophy

Block 2: Guru and Social Reformation

COURSE DETAILS

Block 1: Vedanta as Background of Guru's Philosophy

Unit 1. Introduction to Vedanta

Unit 2. Revalued Advaita philosophy of Sreenarayanaguru

Unit 3. Reason and mysticism in Guru's philosophy

Unit 4. Guru's vision on oneness: one caste, one religion, one God for mankind

Block 2: Guru and Social Reformation

Unit 1. Liberation through education

Unit 2. Abolition of social evils

Unit 3. Guru on gender equality and women empowerment

Unit 4. Guru's vision of Unity through social organizations

References:

English

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Malayalam

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GENERIC ELECTIVE

B23PY01GE

Essentials of Psychology

Credits: 2

Course Objective:

The course aims to provide the learners with an understanding of the evolution of psychology as a distinct academic discipline and its nature and scope.

Course Outcomes:

The course will enable the learners to:

CSO1: Understand the basics of psychology and its relevance in the Indian context.

CSO2: Appreciate psychology's diverse branches and explicate the contemporary debates.

Course Outline:

Block 1: Introduction to Psychology

Block 2: Frontiers of Psychology

Course Details:

Block 1: Introduction to Psychology

Unit 1: What is Psychology?

Definition; Scope; Historical Overview; Major Theoretical Perspectives

Unit 2: Psychology in the Indian Context

Origin and Modern History; Indian Healing Tradition; Current Trends and Debates; Legal and Regulatory Framework

Block 2: Frontiers of Psychology

Unit 1: Branches and Practice

Pure and Applied Branches; Role of a Psychologist; Key Studies; Ethical Considerations

Unit 2: Contemporary Debates in Psychology

Persistent Questions in Psychology; De-colonising Psychology; Reconceptualising Paradigms of Mental

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B21SO01GE
INTRODUCTION TO SOCIOLOGY
Credits: 2

Course Objectives:

The course intends to familiarise the learners about the emergence of Sociology as a distinct social science discipline and introduce the basic concepts of Sociology

Course Outcomes:

1. Comprehends the origin and scope of Sociology
2. Familiarise the basic concepts in Sociology
3. Analyses the significance of social institutions and social groups in society.

Course outline

Block 1: Understanding Sociology

Block 2: Basic Concepts in Sociology

COURSE DETAILS

Block 1: Understanding Sociology

Unit 1: Socio – Political background of the emergence of Sociology – Scientific Revolution, Twin Revolution, Enlightenment and Renaissance.

Unit 2: Sociology – Definition, Nature and Scope

Unit 3: Sociological Imagination, Sociology and Common Sense

Block 2: Basic Concepts in Sociology

Unit 1: Society, Community, Association and Organisation - Definition and Characteristics

Unit 2: Social Institutions – Family, Marriage, Religion - Meaning, Definition and Characteristics.

Unit 3: Social Groups - Definition and Characteristics, Role and Status - Meaning and Nature

References:

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GENERIC ELECTIVE
B23PS01GE
INTRODUCTION TO POLITICAL SCIENCE

Course Objective

This course provides learners with a foundational understanding of Political Science by introducing them to its basic concepts and essential principles. Learners will explore the meaning, nature, and scope of Political Science, tracing its evolution and growth as a discipline. The course will also examine various traditional and modern approaches to studying Political Science.

Course Learning Outcomes

- Learners will be able to understand and articulate the meaning, nature, and scope of Political Science, as well as its evolution and various approaches.
- Learners will be able to define and differentiate the concepts of liberty, including its various kinds and safeguards.
- Learners will be able to comprehend and analyze the significance and types of equality and justice, with a special emphasis on social justice.

Course Outline

Block 1 Political Science: An Introduction

Block II Basic Concepts in Political Science

Block 1 Political Science: An Introduction

Unit 1: Political Science: Meaning, Nature and Scope

Unit 2: Evolution and Growth of the Discipline

Unit 3: Approaches to the Study of Political Science- Traditional, Modern and Contemporary

Block II Basic Concepts in Political Science

Unit 1: Liberty – Definition, Kinds of liberty, Safeguards of liberty

Unit 2: Equality – Meaning and Significance – Types of Equality

Unit 3: Justice – Meaning and Significance – Social Justice

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