



SREEKRISHNAPURAM V.T. BHATTATHIRIPAD COLLEGE

Aided and Affiliated to University of Calicut, NAAC Accredited with B+ Grade

Phone (Office) : 0466-2268285 | Email : principalvtbcollege@gmail.com



CRITERION - I CURRICULAR ASPECTS

1.3 Curriculum Enrichment



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Mannampatta P.O., Palakkad - 678 633

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1.3.1 Cross Cutting Issues Addressed in Transacting the Curriculum

LIST OF COURSES ADDRESSING ISSUES RELEVANT TO PROFESSIONAL ETHICS, GENDER, HUMAN VALUES, ENVIRONMENT AND ITS SUSTAINABILITY IN THE CURRICULUM

PROFESSIONAL ETHICS		
Department	Name of Course	Code
Commerce	Business Management	BCM1B01
Commerce	Corporate Governance and Business Ethics	MCM1C02
Economics	Export Marketing	EFT5B09
Management	Professional Business Skills	BBA3A12
Sanskrit	Arthasastram Dharmasastram Cha (Arthasastram And Dharmasastra)	SHT5B09
GENDER		
Department	Name of Course	Code
Economics	Introductory Economics Ii	ECO4(3)C01
BA History	Gender Studies	HIS6B13
Commerce	Gender Studies	AUD4E06
Economics	Audit Course Fourth Sem Co-Operation- Iv	EC04C02
HUMAN VALUES		
Department	Name of Course	Code
Commerce	Human Rights	AUD3E03
Economics	Economics of Growth And Development	ECO6B 14
Economics	Environmental Economics	ECO 6E 01



BA History	History of Human Rights	HIS6 B19
Sanskrit	Samskrtaśahityadhyayanam-I (Prose, Subhashitas and Basic Grammar)	SKT1A 07 (2)
Sanskrit	VAIDIKAVANGMAYAM (Veda, Upanisad, and Bhagavad Gita)	SKT 5B 07
ENVIRONMENT AND SUSTAINABILITY		
Department	Name of Course	Code
Commerce	ENVIRONMENTAL STUDIES	AUD1E01
Economics	ECONOMICS OF GROWTH AND DEVELOPMENT	ECO 6B 14
Economics	URBAN ECONOMICS	ECO 6B 18
History	KERALA HISTORY- 2	HIS6 B12
Sanskrit	SANSKRITI PARISTHITI PATHANAM (Cultural and Environmental Studies in Sanskrit)	SKT 6B 14
Economics	BEHAVIOURAL ECONOMICS	ECO 6B 17



COURSES RELATED TO PROFESSIONAL ETHICS



The University of Calicut has implemented professional ethics in the curriculum of various programs. The relevant courses and the course syllabus have been given below for further understanding.

BCMIB01 BUSINESS MANAGEMENT	
Lecture Hours per week: 6, Credits-4 Internal – 20, External – 80, Examination 2.5 Hours	
Objectives:	Page 9 of 76
<ul style="list-style-type: none"> → To understand the process of business management and its functions. 	
<ul style="list-style-type: none"> → To familiarize the students with current management practices → To understand the importance of ethics in business → To acquire knowledge and capability to develop ethical practices for effective management. 	
Module I	
Concepts of Management – Characteristics of management – Schools of management thought - Management and administration – Management by objectives – Management by participation – Management by exception – Management by motivation - Functions of management – Planning– Organizing - Departmentation – Delegation (25 Hours, 20 marks)	
Module II	
Functions of Management:- Motivation: – concept and importance – Contributions of McGregor, Maslow and Herzberg – Leadership – Concept and styles – Leadership traits - Communication – process and barriers – Control – concept - steps – tools – Coordination – Concept, Principles, Techniques. (20 Hours, 15 marks)	
Module III	
Business Ethics:- Ethics and Morality – Theories of ethics: Teleological theory – Deontological theory –Virtue theory – Types of ethics – Meaning and scope of business ethics - Characteristics – Objectives of Business Ethics - Factors influencing business ethics – Arguments for and against business ethics – Different views of business ethics - The Separatist View, The Unitarian View, The Integration View, Ethical issues in global business. (20 Hours, 20 marks)	
Module IV	
Corporate Social Responsibility (CSR): Meaning and definition - History of CSR activities – Concept of Corporate citizenship - Need and importance of CSR – Stakeholders of CSR – Steps in the implementation of CSR activities – CSR and business ethics - CSR and corporate governance – CSR initiatives in India. (18 hours, 15 marks)	
Module V	
Emerging concepts in management – Kaizen – TQM – TPM – MIS – ISO – Change management – Stress management – Fish bone (ISHIKAWA) Diagram – Holacracy - Rank & Yank - 20% time - Gamification - Flexi-working - Business eco system – Logistic management. (13 Hours, 10 marks)	



Semester I

MCM1C02 CORPORATE GOVERNANCE AND BUSINESS ETHICS

80 Hours

Credit:4

Objectives:

- To familiarise the students with the knowledge of corporate ethics
- To enable the students to understand the emerging trends in good governance practices.
- To create corporate financial reports in the global in the global and Indian context.

Module-I

Meaning and Definition of Corporate Governance- Evolution of Corporate Governance- Major Stakeholders of a Corporate Body and their goals- Communication mechanism of corporate organisation with stake holders-Objectives Corporate Governance- Principles of Corporate Governance.

15 Hours

Module-II

Theories and Models of Corporate Governance- Conceptual Framework of Corporate Governance- Legal framework of Corporate and administrative framework- regulatory framework of corporate governance in India- SEBI guidelines and clause 49- Reforms in the Companies Act-Secretarial Audit-Class action-NCLT- Insider trading- rating agencies- green governance- shareholders' activism- corporate governance in PSUs and banks- Legislative framework of corporate governance- an international perspective (UK, USA, Australia, China, Russia, South Africa)

20 Hours

Module-III

Various Committees on Corporate Governance- International- Blue riband Committee-Cadbury Committee- Greens burry Committee- Kings Committee- Securities and Exchange Commission Report-Indian; Birla Committee, Narayanamurthy Committee- JJ Irani Committee, Naresh Committee Report. Uday Kodak Committee Report Corporate Reporting Framework- Reporting of Remuneration- Service Contract of Directors- Financial Reporting of the activities of the company asper clause 49 of the Companies and SEBI Act. IFRS- Need- Importance- Significance-Use.

15 Hours

Module-IV

Elements of Corporate Governance- Board of Directors- Executive Directors- Independent Directors- Appointment, Remuneration- Powers, Duties and Responsibilities- Audit Committee- Composition Power and Responsibilities- Statutory Officers- Duties, Board Committees- Responsibilities and Powers- Board meetings- Whistleblowing and Corporate Governance- The Concept of Whistle blowing-Types of

whistle blowers- Whistle blower policy- the Whistle Blower Legislation across countries- Developments in India.

20 Hours

Module-V

Business Ethics- Meaning-scope-Importance-Dimensions-Role of ethics in business-Law ðics- Ethics and values-Important ethical principles in business-The new management philosophy-Ethics in business functional areas-integrity-Sales-HRM-Management of quality. Corporate excellence-corporate culture- Styles &values of management-managing cultural diversity in organisation- Building corporate image-knowledge workers &knowledge mgt.

10 Hours



Semester V

Course Category	Core Course 9
Course Title and Code	Export Marketing EFT5 B09
No. of Credits	4
No. of Contact Hours	5 Hours per week

EXPORT MARKETING

Preamble: This course is designed to familiarize the students with the nature and scope of international marketing as also the Four Ps of international marketing (Product, Price, promotion & place). To understand the students the various methods and procedures of costing and prices for exports. The course aims to teach the various market -mix and matrix. How products and markets are selected in international trade. After the course the students get an idea of international marketing. They are familiar with trade blocks and international institutions

ModuleI:

International Business – An over view – Why is International Business – Different modes of International Business - the impediments in the path of International Business – Cultures and Business.

ModuleII:

International marketing - Marketing analysis - four Ps in International Business (product, Price, Place, promotion) – Their strategies.

ModuleIII:

Regional Economies integration (trade blocks) - E - Commerce logistics.

ModuleIV:

Export Marketing Mix Product Adaptations – Export pricing

ModuleV:

Foreign Exchange Market – The Exchange Rate – Types – Exchange Rate Regimes - The balance of payment.



Common Course
BACHELOR OF BUSINESS ADMINISTRATION
BBA3A12- PROFESSIONAL BUSINESS SKILLS

Lecture Hours per week: 4

Credits: 4
External: 80,
Internal:20

Objectives:

To update and expand basic Informatics skills of the students.

To equip the students to effectively utilize the digital knowledge resources for their study.

Module I : Professionalism : Meaning -Definition – Characteristics - Traits and Qualities of a good professionals - Professionalism in business - Professional Skills: important soft skills for business success- Professionalism in Communication: Verbal Communication: Professional Presentation -- Different Presentation Postures- Written Communication: Email - Significance of Email in business – Email etiquette: format - rules – dos and don'ts - Technical Documentation: Standards – Types **(14 Hours)**

Module II ; E-Learning :Introduction of electronic learning - benefits and drawbacks of e-Learning - Online education - Digital age learners - Knowledge resources on internet - E-books, Audio, Video and other means for e-learning- Introduction to e-content development and tools - Online libraries – MOOCs - The e-Learning as a service Industry - major technologies used in e-learning- different approaches for e-Learning delivery - E-learning in India **(12 Hours)**

Module III : Business Data Analysis : Features of New Generation Computers – Concept of data analysis – Business Data Analysis – Data Analyst – Types of analysts - organisation and source of data, importance of data quality, dealing with missing or incomplete data- Social Networking Analysis – Big Data Analysis - Role of Data Scientist in Business & Society - Role of Artificial Intelligence and Intelligent Agents in e-business - Ethical and Legal considerations in Business Analytics **(18 Hours)**

Module IV : Socio_Cyber Informatics: IT and society - Digital Divide – Digital natives-Cyber space- New opportunities and threats - Cyber ethics - Cyber crimes -Types - Cyber Laws – Organisations related with cyber laws-Cyber addictions - Information overload - Health issues - e-waste and Green Computing –Recent E-governance initiatives in India **(10 Hours)**

Module V : Digital Marketing : Introduction to Digital marketing Environment –meaning & Concept – Need for digital marketing – Advantages and disadvantages of digital marketing -Trends in digital marketing- Types of digital marketing – Business models in digital marketing Business to Business (B2B), Business to Customer (B2C), Customer to Customer (C2C), Business to Employees (B2E), Business to Government (B2G) - Online advertising - types of online advertising, Top e-commerce websites around the world and its scenario in India, PPC (Pay Per Click) advertising – Search engine Analytics – search engine ads – social media channels and ads **(10 Hours)**



SKT 5 B 09

**BA DEGREE PROGRAMME SANSKRIT
(CBCSS-UG)
SEMESTER – V CORE COURSE –IX
॥अर्थशास्त्रम् धर्मशास्त्रम् च॥
(ARTHASASTRA AND DHARMA SASTRA)
(2020 Admission onwards)**

Credits: 4

Total Instructional hours: 90
Instructional Hours /week : 5

(Answer may be written in Sanskrit using Devanagari script)

Course outcome

- Understand the ancient judiciary and systems of political requirements through the textual study.
- Introduce the state craft in ancient India and management principles of various taxts.
- Evaluate the legal system of a society through a modern insight.
- Critically analyse the features of judiciary in modern perspectives.

Course outline

Module I **Instructional hours: 6, Maximum Marks: 6**
Introduction to Arthashastra of Kautilya and Smrti literature

Module II– **Instructional hours: 22, Maximum marks: 29**

Arthashastra of Kautilya – Vinayadhikaranam Segments 1 to 10

Module III– **Instructional hours: 23, Maximum marks: 30**

Arthashastra of Kautilya - Vinayadhikaranam Segments 11 to 18

Module IV **Instructional hours: 22, Maximum marks: 25**

Manusmrti Chapter VIII Verses 1 to 45

Module V **Instructional hours: 17, Maximum marks: 20**

Manusmrti Chapter VIII Verses 46 to 98



Essential reading

1. History of Sanskrit Literature by A.B Keith.

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2. Arthasastra of Kautilya Ed by T. Ganapathi Sastri.
3. Manusmrti-Ed. Ganganath Jha, Motilal Banarsidass, Delhi.

Additional Reading

1. Arthasastram – Malayalam Translation by K.V.M.
2. Yajnavalkyasmrti – Ed. T. Ganapathi Sastri, Munshiram Manoharlal Publishers, New Delhi.1992
3. Smrti, Political and Legal System – A Socio Economic Study – Prabhavathi Sinha- coples Publishing House, New Delhi 1982.

Mark Distribution

Total marks: 100

Internal Assessment: 20 + External Assessment: 80

Internal Assessment

Assignment: 20%,

Seminar: 20%,

Test Paper: 40%

Class room participation based on attendance 20%

Duration of Exam: 2½ hours.

Pattern of Questions**Section A :-**

Short answer type- carries 2 marks each -15 questions, Ceiling - 25.

Section B :-

Paragraph /Problem type- carries 5 marks each - 8 questions, Ceiling - 35.

Section C:-

Essay type- carries 10 marks (2 out of 4) 2x 10 = 20.



COURSES RELATED TO GENDER



The University of Calicut has implemented **gender related courses** in the curriculum of various programs. The relevant courses and the course syllabuses are the following.

SEMESTER III/IV	
Course Category	Complementary Course
Course Title and Code	Introductory Economics II ECO4(3) C01
No. of Credits	4
No. of Contact Hours	6 Hours per week

INTRODUCTORY ECONOMICS II

Module I: Money and Banking
 Definitions and functions of money- demand for and supply of money- Fischer's quantity theory of money- inflation and deflation (Only concepts, Types and Causes)- Role and functions of commercial banks and Central Bank-monetary policy and its instruments.

Module II: Public Finance
 Meaning and Significance- Public and private finance-Principle of Maximum Social Advantage- Public revenue- public expenditure-public debt- budget- Fiscal Policy-FRBM Act- Finance Commission- Terms of References and Recommendations of 14th and 15th Finance Commission.

Module III: Trade
 Internal and External Trade- balance of trade and balance of payments-foreign exchange rate, devaluation- revaluation-depreciation-appreciation.

Module IV: India as a Developing Economy
 Indian economy- growth and development under different policy regimes-Demographic trends and issues-education- health and malnutrition - Trends and policies on poverty, inequality and unemployment - Role of NITI Aayog.



HISS B13-GENDER STUDIES

Course Category: Core Course -13

No. of Credits: 4

No. of Contact Hours: 5 Hours per week

The syllabus primarily aims to introduce the area of gender studies to graduate students. The present course explains the socio-historical constructions of sexual differences in Indian society by emphasizing the plural backgrounds. The Course is designed in such a way that the students will be able to understand the concept of gender, how genderization takes place in society, how it creates inequalities, and how these inequalities become the basis for gender-based violence. It provides an outline of how gender norms can be altered for better human relationships in society. The course is designed to prepare students to challenge the conventional social norms about gender.

Course Outcomes

- CO 1. Explain conventional social norms about male-female dichotomy and can devise policies and strategies to foster gender equality and gender justice
- CO 2. Contribute to creative interventions that may result in a world with less inequality
- CO 3. Critically interrogate and actively engage in social processes related to the construction of gender
- CO 4. Analyse social and cultural phenomena through the lens of gender in a way that appreciates a range of disciplinary perspectives

Module 1: Key Terminologies and Concepts

- ▲ Conceptualising Gender; define gender and sex- sexuality and sexism- gender as social construction- concept of masculinity and femininity-gender discrimination
- ▲ Patriarchy and Matriarchy; concept and practice, Gerda Lerner, The Creation of patriarchy
- ▲ Origin and concept of feminism; black feminism-dalit feminism-eco feminism
- ▲ Judith Butler, Gender Performativity Theory

Essential readings

- Jane Pilcher and Susida Whitehan, *Fifty Key Concepts in Gender Studies*
- Judith Butler, *Gender Trouble: Feminism and Subversion of Identity*
- Kamla Bhasin, *What is Patriarchy?*



AUD4E06-Gender Studies

Audit Course for UG Programme in CBCSS

Semester IV

Credits -4

Aim

Aim of this course is to introduce the significance and relevance of gender studies

Objectives

- To provide the relevance and significance of the ideas of gender equality and gender justice in our society
- To develop an understanding about the basic concepts of gender studies
- To provide a historical background of women's movements and its relevance
- To understand the major debates around gendered ways of violence and to introduce gender perspectives on popular culture

Course - Outcomes

1. It helps the student to acquire knowledge about the importance of gender equality and women's rights
2. It helps the student to develop gender sensitivity through an analysis of contemporary social issues at the global, national and local levels
3. It helps the student to familiarise with analysing the popular culture and media with a gender perspective
4. It equips the student to acquire knowledge about the various organs, conventions, constitutional provisions and redressal systems to combat gender discrimination

Module I

Introducing the concepts of sex and gender, gender division of labour, patriarchy, sexualities and sexual orientations, gender stereotypes, masculinities, intersectionalities of race, class, caste and gender in family and society

Suggested Readings

1. *50 Key concepts in Gender Studies*, Jane Pilcher and Imelda Whelehan, Sage Publications, 2005.
2. *Understanding Gender*, Kamala Bhasin, Women Unlimited, New Delhi, 2003.
3. *What is Patriarchy?* Kamala Bhasin, Women Unlimited, New Delhi, 2003.
4. *ജനകീയ ലിംഗവിമുക്തതയ്ക്കുള്ള ഒരു ചിന്താവിമർശനം: ജനകീയ ലിംഗവിമുക്തതയ്ക്കുള്ള ഒരു ചിന്താവിമർശനം*
5. *Exploring Masculinity*, Kamala Bhasin, Women Unlimited, New Delhi, 2003.

Module II



Women's Experiences in family & work, community, public sphere kinship structures, various forms of violence against women – female foeticide, infanticide, dowry, domestic violence, sexual assaults, rape, sexual harassment at workplace, honour killings – Government mechanisms to combat Violence against women in India

1. *An overview of the status of women in India:* Neera Desai and Maithreyi Krishnaraj, P 296-319, *Class, Caste, Gender- Readings in Indian Government and Politics-5*, Ed. Manoranjan Mohanty, Sage Publications, New Delhi, 2004
2. *'Towards Equality'*, Report of the Committee on the Status of Women in India, 1975
3. മനുഷ്യർക്കെതിരെ പരുഷതയുടെ ഭരണശാസ്ത്രങ്ങൾ ?, കേരളത്തിൽ പരുഷതയുടെ ഭരണശാസ്ത്രങ്ങൾ ? ഡോ. ജോൺ . ബ്രൂമി കോൽ ഡയറക്ടറുടെ സൂചനകൾ , മനോരമപാലം

Module III

Historical Roots of Women's Movements in India and global – Right to vote –Women's Question and social reform in 19th early 20th Century in India and Kerala –Women in National Movement – Left Movement- The Contemporary Women's Movements in India – Queer movements – International human rights instruments & UN conventions on gender rights, Indian Constitutional guarantees of equality and citizenship rights – gender in higher education

1. *History of Doing*, Radha Kumar, Kali for Women, New Delhi
2. *Mapping of Women's Movement*, Threfall. M. (Ed.). Verso, London
3. *Women, Ecology and Culture:* Gabriele Dietrich, P. 72- 95, *Gender and Politics in India*, Kali for Women
4. മനുഷ്യർക്കെതിരെ പരുഷതയുടെ ഭരണശാസ്ത്രങ്ങൾ , മനുഷ്യർക്കെതിരെ പരുഷതയുടെ ഭരണശാസ്ത്രങ്ങൾ പഠനങ്ങൾ
5. Saksham Report on Measures for Ensuring the Safety of Women and Programmes for Gender Sensitisation on Campuses, 2013, https://www.ugc.ac.in/pdfnews/5873997_saksham-book.pdf

Module IV

Gender perspectives on popular culture, discourse and practices of cinema, television, popular music, magazines and advertisements, representations of women and gender/sexual minorities in media, gendered dimensions of social media – analysis of gender in news – print, television, web and women's media initiatives.

Suggested Readings

1. *Whose News: The Media and Women's Issues*, Ammu Joseph & Kalpana Sharma (Ed), Sage Publishing, 2006
2. *Films and Feminism - Essays in Indian Cinema* - Jasbir Jain and Sudha Rai (Ed.), Rawat Publications.

Suggested Activities

1. Analysis of popular films – films for analysis: (1) *The Great Indian Kitchen* (Malayalam), *Thappad* (Hindi)



COURSES RELATED TO HUMAN VALUES



The University of Calicut has implemented **human values** and related courses in the syllabus of various programs. The relevant courses and the course syllabus have been given below for further understanding.

**IIIrd SEMESTER CBCSS UG
(2019 admission onwards)
ABILITY ENHANCEMENT COURSE/ AUDIT COURSE
AUD3E03- HUMAN RIGHTS
CREDITS :4**

Course outcomes

1. Understand the importance and different approaches to Human rights
2. Understand the different mechanisms of United Nations to ensure and protect the Human Rights
3. Understand the different Constitutional provisions and legislations to protect Human Rights in India
4. Analyse the functions of NHRC, Judiciary and PIL for protecting Human Rights in India
5. Examine the challenges to Human Rights of different vulnerable sections

MODULE -I

HUMAN RIGHTS; Meaning, Evolution and Importance

Approaches; Western, Marxian, Feminist and Third World

MODULE - II

U N O AND HUMAN RIGHTS

- (a) Universal Declaration of Human Rights
- (b) International Covenants on Civil and Political Rights (ICCPR),
International Covenant on Social Economic and Cultural Rights (ICSECR)



(c) The Office of the United Nations High Commissioners for Human Rights (UNHCHR)

MODULE- II

HUMAN RIGHTS IN INDIA

(a) Constitutional Provisions- Fundamental Rights, Directive Principles of State Policy

(b) Some important Legislations

1) Protection of Civil Rights Act-1955

2) Prevention of Atrocities (SC and ST) Act 1989

3) Sexual Harassment of Women at workplace (Prevention, Prohibition and Redressal) Act, 2013

4) The Rights of Persons with Disabilities Act-2016

5) Right to information Act 2005

(c) Agencies Protecting Human Rights ; Judiciary, Public Interest Litigation, National Human Rights Commission and Media

MODULE- IV

CHALLENGES TO HUMAN RIGHTS

Human Rights Violations against Women, Children, Other marginalised sections like Minorities, Dalits, Adivasis and Women, Refugees

BOOKS AND REFERENCES

- 1 Andrew Clapham, Human Rights: A Very Short Introduction, Oxford University Press, New York, 2007
- 2 Darren J O Byrne, (ed), Human Rights: An Introduction, Pearson, New Delhi, 2004
- 3 Chiranjeevi Nirmal, Human Rights in India, Oxford University Press, New Delhi, 1997.
- 4 Pavithran K S, (ed), Human Rights in India: Discourse and Contentions, Gyan books, New Delhi, 2018
- 5 Ujwal Kumar Singh, (ed), Human Rights and peace: Ideas, Laws, Institutions and Movements, Sage, New Delhi, 2009



- 6 Upendra Bax,; The RIGHT to be Human Lasncer International New Delhi, 1987.
- 7 Johari J.C Human Rights and New World Order Anmol Publications , New Delhi, 0998

Module I: Development and Underdevelopment- An Overview

Background and beginning of 'Development Economics' in the post-world war era, its elements Defining economic development - Alternative measures of development –PQLI, HDI and its extensions, Development and growth- income as a measure of growth - Human development- Sens capability approach, development as freedom, Structural features of underdeveloped economies-International variations – development gap- Underdevelopment as a low level equilibrium in a multiple equilibrium situation – low level equilibrium trap

Module II: Perceptions about Development and Underdevelopment

Vicious circle of poverty- Rostow's stages of growth-big push, balanced and unbalanced growth, Low

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Module V: Kerala's Economic Development

Growth and Structure- Primary, Secondary and Tertiary Sectors-Economic Development Vs Social Development-Poverty Profile of Kerala- Indicators of Human Development: PQLI and HDI- Demographic Transition of Kerala- Trends in Employment and Unemployment in Kerala- Sustainability of -Kerala Model of Developmentll with a Special Mention on Recent Sen-Bhagawati Debate- Decentralised Planning and Development of Kerala- Land Reforms in Kerala- Migration: Concepts in Migration- Emigration to the Gulf- Remittance and its Impact on the Economy of Kerala- Return Migration: Causes, Problems and Policies.

Suggested Additional Activities.

1. Find out the history of emigration fromKerala.
2. Foreign remittance is the backbone of Kerala's socio-economic development". Discuss.
3. What is Nitaqat and Saudization? In what ways it is harmful to the economy of Kerala.
4. Find out the reasons for the existing controversy in poverty estimation.
5. Observe the functioning of „ayalkoottams" (SHGs) in your locality and write how far it issuccessful in empowering women.

References:

1. 1.Economic development in India-Problems and Prospects, N.P.Abdul (Ed),
2. Regal Publications, New Delhi
3. 2.Indian Economy, Gopalji Gupta, PEARSON, New Delhi.
4. 3.Ahulwalia, I.J. and I.M.D. Little (Eds) (1999), *India's Economic Reforms and*
5. *Development*, (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.

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I. ECO6 E01, Environmental Economics

Course Category: Elective Course
Course Title and Code: Environmental Economics, ECO6 E01
No. of Credits: 2
No. of Contact Hours: 54

Learning Objectives and Outcomes

The paper intends to develop a vision and achieve a mission of attaining a sustainable society by studying the subject of environmental economics. The study of Environmental Economics calls for a detailed understanding of various environmental factors, their influence in the economy and environment. The main objective of teaching this paper is to make the students realize the causes and consequences of environmental problems in the contemporary world. After the completion of the course, student will equip an in-depth understanding of the inter-relationship between the economy and environment.

SYLLABUS

Module I Introduction and Theoretical Discourse of Environmental Economics

Definition and Scope of Environmental Economics - Why study Environmental Economics? - Interlinkages between Economy and Environment - Environment versus Economic development. Basic theory of Environmental Economics: Market failures and Externalities - Meaning of Market failure - Meaning and conditions of Pareto optimality - Positive and negative externalities in consumption and production - Measurement of externalities - Concept of Social welfare economics.

Module II Major Environmental Problems in India

Environmental Pollution - water, air, noise, solid waste, plastic, nuclear waste, e-waste - sand mining- Impact of climate change on human development - Climate change and health consequences - Global warming, Green house effect, Ozone depletion - Urbanization and its impact on environment-- Population and Urbanization: its impact on environment.



BEHAVIORAL ECONOMICS

At the end of this course students are expected to have the following course outcome.

No.	Course outcomes	Cognitive Level
CO 1	Students understand the economic decision making process and role of psychology	Understanding
CO 2	Evaluate the importance of psychology in behavioural economics	Evaluating
CO 3	Understand the role of choice in theoretical formulations	Understanding
CO 4	Critically discuss the behavioural concepts in real situations and game theory	Discussing and analysing

Module I:

Introduction to Behavioral Economics Origins of Behavioral Economics, Decision-making under Neo-classical economic framework - rationality, optimization Role of Intuition, Emotions, Beliefs in decision making Bounded Rationality Judgment under Risk & Uncertainty : Heuristics & Biases Heuristics : Representativeness, Substitution, Availability, Affect, Anchoring, framing Biases: Cognitive and emotional biases

Module II:

Choice Under Risk & Uncertainty Expected Utility Prospect Theory – Reference Points – Risk Concept and Understanding – Loss Aversion – Shape of Utility Function – Decision Weighting – Probabilistic Judgment. Mental Accounting Framing Mental Accounts Fungibility & Labels Hedonic Editing

Module III:

Inter-temporal Choice, Temporal Choice, Construal Level Theory, Valuation of Delayed Consumption Preferences for Sequences of Outcomes, Hyperbolic Discounting, Preference Reversal

Module IV:

Behavioral Game Theory Social preferences: Fairness, trust, cooperation, reciprocity, Norms Limited



SKT 1A 07 (2)

BCom DEGREE PROGRAMME SANSKRIT
(CBCSS-UG)
SEMESTER -I COMMON COURSE-VII
संस्कृतसाहित्याध्ययनम्-I
(PROSE, SUBHASHITAS AND BASIC GRAMMAR)
(2020 admission onwards)

Texts: Panchatantra, Subhashitasahasri and Siddharupa

Credits: 4

Total instructional hours: 90
Instructional hours / week: 5

(Answers may be written in Sanskrit, English or Malayalam
In writing Sanskrit, Devanagari script should be used)

Course outcome

- ❖ Understand the world of poetry, popular tales and fables in Sanskrit literature.
- ❖ Familiarize the basic grammatical peculiarities of Sanskrit language through simple stories.
- ❖ Evaluate the contents so as to develop the capacity of critical thinking.
- ❖ Get transformed into a better human.

Module-I

Instructional hours: 25, Marks 29

Essential reading -selected five stories from Panchatantra,

Khemraj Sri Krishnadas, Bombay, 1910.

A brief introduction to the popular tales and fable in Sanskrit literature with special reference to Panchatantra, Hitopadesha, Kathasaritsagara etc.

- a. Kathamukham (from the introductory portion of Pancatntra.)
- b. Dharmabuddhi Papabudhi katha (19th Story from Mitrabheda)

Module -II

Instructional hours: 35, Marks 36

- c. Lobhavishtachakradhara katha (2nd Story of Apariksitakarakm)
- d. Chandrabhupati katha (9th story of Apariksitakaraka)
- e. Brahmanakarkatakatha (Last story of Apariksitakaraka)

Module – III

Instructional hours: 10, Marks 29

Selected 20 verses from Subhashitasahasri (appended herewith) by D. Sreeman Namboodiri, Kerala Sahitya Academy, Thrissur

Module-IV

Instructional hours: 20, Marks 16

Declensions of *bala*, *lata*, *vanam*, *asmad* and *yushmad* sabdas

Conjugation of *bhu dhatu* in *lat*, *lang*, *lit*, *lot*, *lri*



Essential reading: -

Siddharupa- Published by R.S. Vadhyar & Sons, Kalpathy, Palakkad

Additional Reading: -

1. Hitopadesha of Narayana, M.R Kale, Ed. with Translation, Motilal Banarsidass Publications, 2015.
2. Kathasaritsagara of Somadeva.
3. Brhatkathamajari of Kshemendra.

Mark Distribution

Total marks: 100

Internal Assessment: 20 + External Assessment: 80

Internal Assessment

Assignment: 20%,

Seminar: 20%,

Test Paper: 40%

Class room participation based on attendance 20%

Duration of Exam: 2½ hours.

Pattern of Questions

Section A: -

Short answer type- carries 2 marks each -15 questions, Ceiling - 25.

Section B: -

Paragraph /Problem type- carries 5 marks each - 8 questions, Ceiling - 35.

Section C: -

Essay type- carries 10 marks (2 out of 4) $2 \times 10 = 20$.

Distribution of questions from each module

Sections and question numbers	Maximum numbers of questions	Maximum marks for each question	Total Marks	Modules	Distribution of questions
A (1-15)	15	2	Ceiling up to 25	Module 1	2
				Module 2	3
				Module 3	7
				Module 4	3



SKT 5B 07

BA DEGREE PROGRAMME-SANSKRIT
(CBCSS- UG)
SEMESTER -V CORE COURSE- VII

॥वैदिकवाङ्मयम्॥

VAIDIKAVANGMAYAM
(VEDA, UPANISAD AND BHAGAVAD GITA)
(2020 Admission onwards)

Credits: 5

Total Instructional hours: 108

Instructional Hours /week: 6

(Answer may be written in Sanskrit using Devanagari script)

Course outcome

- Introduce the textual study of Vedic literature.
- Evaluate the cultural diversity of ancient India through the Vedic literature.



- Attain specific knowledge in Vedic texts Upanishads so as to understand the text in deep level.
- Enable the student to improve their knowledge of Vedic literature as a whole.
- Critically avail the knowledge of the philosophical principles of Bhagavad Gita

Course outline.

Module I

Instructional Hours:7 Marks:15

Introduction to Vedas Upanishads and Bhagavatgita, their date, language, religion, characteristics and culture.

Module II

Instructional Hours:35, Marks:30

Rigvedic hymns of Agni, Kitava, Samvada or Aikamatyasukta (Rgveda – 10.191) and selected mantras from Vivahasukta.

Module III

Instructional Hours: 30. Marks: 40

Chandogyopanisat VI chapter.

Module IV

Instructional Hours: 18 Marks: 25

Bhagavatgita chapter 15 with Sankarabhasya.

Essential Reading

1. A Short History of Sanskrit Literature by T.K Ramachandra Iyer
2. Rigveda Sayanabhasya
3. Chandogyopanisad-Chapter VI
4. Bhagavatgita with Sankarabhasya

Additional Reading

1. Rgveda- Malayalam Translation by Vallathole Narayana Menon
2. SamskritaShityaCharitram, K.C. Pillai, D.C. Books, Kottayam.
3. History of Vedic Literature- S.N. Sharma, Chawkhama Sanskrit Series, Varanasi.
4. Chandogyopanisad with Sankarabhasya.

Mark Distribution

Total marks: 100

Internal Assessment: 20 + External Assessment: 80

Internal Assessment

Assignment: 20%,



Seminar: 20%,
 Test Paper: 40%
 Class room participation based on attendance 20%
Duration of Exam: 2½ hours.

Pattern of Questions

Section A: -
 Short answer type- carries 2 marks each -15 questions, Ceiling - 25.
Section B: -
 Paragraph /Problem type- carries 5 marks each - 8 questions, Ceiling - 35.
Section C: -
 Essay type- carries 10 marks (2 out of 4) 2x 10 = 20.

Distribution of Questions from different modules

Sections & Question Numbers	Maximum No. of Questions	Maximum Marks for each question	Total marks	Modules	Distribution of Questions
I (1 to 15)	15	2	Ceiling up to 25	Mod. I	3
				Mod. II	5
				Mod. III	4
				Mod. IV	3
II (16 to 23)	8	5	Ceiling up to 35	Mod. II	3
				Mod. III	3
				Mod. IV	2
III (24 to 27)	4	10	10x2=20	Mod. II	1
				Mod. III	2
				Mod. IV	1

SELECTED HYMNS FROM VIVAHASUKTA of Rgveda- 10th Mandala, Sukta-85

१. इह प्रियं प्रजया ते समृद्ध्यतामस्मिन् गृहे गार्हपत्याय जागृहि ।
 एना पत्या तन्वं संसृजस्वाधा जित्री विदथमावदाथः ॥



COURSES RELATED TO ENVIRONMENT AND SUSTAINABILITY



The University of Calicut has incorporated courses encouraging environment and sustainability in the curriculum of various programs. The relevant courses and the course syllabus have been given below for further understanding.

Course: B Com

Title of the Paper: Environmental Studies (1st Semester)

Module 1:

Introduction – Environment in the Indian context: Concept of an ecosystem, Multidisciplinary nature of environmental studies. Components of environment- Atmosphere, hydrosphere, lithosphere and biosphere. Definition, scope and importance. Concept of sustainability and sustainable development.

Module 2: Natural Resources : Renewable and non-renewable resources : Natural resources and associated problems. a) Forest resources : Use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people. b) Water resources : Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. c) Mineral resources : Use and exploitation, environmental effects of extracting and using mineral resources, case studies. d) Food resources : World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies. e) Energy resources : Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. Case studies. f) Land resources : Land as a resource, land degradation, man induced landslides, soil erosion and desertification. • Role of an individual in conservation of natural resources. •Carbon footprint Water conservation, rain water harvesting, watershed management

Module 3: Structure and function of an ecosystem. • Producers, consumers and decomposers. • Energy flow in the ecosystem. • Ecological succession. • Food chains, food webs and ecological pyramids. • Introduction, types, characteristic features, structure and function of the following ecosystem :- a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

Module 4: Biodiversity and its conservation • Introduction – Definition : genetic, species and ecosystem diversity. • Biogeographical classification of India • Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values • Biodiversity at global, National and local levels. • Hot-spots of biodiversity. • Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts. • Endangered and endemic species of India • Conservation of biodiversity :

Module 5: Environmental Pollution Definition • Cause, effects and control measures of :- a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution e. Noise pollution f. Thermal pollution g. Nuclear hazards • Solid waste Management : Causes, effects and control measures of urban and industrial wastes. • Role of an individual in prevention of pollution.

Module 6: Environmental Policies and practices: Climate change, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents.



Semester VI

Course Category	Core Course 14
Course Title and Code	Economics of Growth and Development ECO6 B14
No. of Credits	4
No. of Contact Hours	5 Hours per week

ECONOMICS OF GROWTH AND DEVELOPMENT

Preamble: This course is designed to introduce students to the exciting and challenging subject of economics of growth and development, which draws from several branches of economics. It intends to provide the theoretical framework for growth and development discourses under different schools of economic thoughts and also into better insights and knowledge on issues and challenges on economic development. It also aims to equip students with the ability to analyze the factors affecting the long run economic growth, both from a positive and negative sense.. After completing this course the student should also be able use theories of growth and development to analyze the problems of the developing world. The students are expected to develop an interrelated to approach to resource use.

Module I: Development and Underdevelopment- An Overview

Background and beginning of 'Development Economics' in the post-world war era, its elements Defining economic development - Alternative measures of development -PQLI, HDI and its extensions, Development and growth- income as a measure of growth - Human development- Sens capability approach, development as freedom, Structural features of underdeveloped economies-International variations - development gap- Underdevelopment as a low level equilibrium in a multiple equilibrium situation - low level equilibrium trap

Module II:Perceptions about Development and Underdevelopment

Vicious circle of poverty- Rostow's stages of growth-big push, balanced and unbalanced growth, Low level equilibrium models, Critical Minimum effort thesis- Dual economy models- Lewis model and its extensions, Harris- Todaro migration model - Poverty and Inequality: Definitions, Measures and Mechanisms - Concept of poverty and its measures - Inequality meaning - axioms - commonly used inequality measures, Kuznets curve - Impact of poverty and inequality on process of development.

Module III:Facts about economic growth

Neoclassical growth model- Solow model of growth- Production function, investment function, capital accumulation and steady state.Dynamics of the model-change in saving rate, population growth, Technological progress.Convergence in the Solow model. Endogenous growth theory-AK model.

Module IV:Development and environment.

Sustainable development. The environmental Kuznets curve. Global warming.Limits to growth-Earth summit.

References:

- 1) Charles I Jones & Dietrich Vollbrecht (2013) – Introduction to economic growth, 3rd edition, W W Norton &Co
- 2) David N Weil (2012) – Economic growth, 3rdedition , Pearson.
- 3) A P Thirlwall (2011) – Economics of Development, 9th edition, Palgrave.
- 4) Todaro & Smith (2017) – Economic Development, 12th edition, Pearson.
- 5) Subrata Ghatak (2003) – Introduction to development economics, 4th edition, Routledge.
- 6) Debraj Ray (1999) – Development economics, 1st edition, OUP.
- 7) Hendrik Van Den Berg (2016) - Economic growth and development, 3rd edition, World scientific publishing Co.
- 8) E Wayne Nafziger (2005) – Economic Development, 4th edition, Cambridge University Press.



Semester VI

Course Category	Elective Course
Course Title and Code	Urban Economics ECO6 B18
No. of Credits	3
No. of Contact Hours	3 Hours per week

URBAN ECONOMICS

Preamble: Why do most people prefer to live in cities? What happens when they live in cities? What problem do they face in cities? Generally, development of cities occurs with development of industrial townships. However, urbanization becomes a problem, since there is a shortage of space, lack of amenities, and traffic congestion. This course will teach students about urban economics, models of development and planning, urban growth, Land uses, Housing, Public urban transport, Slums, urban environment problems and It will also equip the student with the basic theoretical premises and analytical tools that are used in urban economics. After completing this course, the student will be able to analyse the current policy issues and programmes on urban economic growth, development and urbanization in India

Module I:

Definition and Scope of Urban Economics -The Process of Urbanization-Definition of Urban Area-causes of urbanization- Models of Urban Development and Planning- The Urban Economy and Development Strategy - The Economics of Urban Growth - Models of Urban Growth - The Frontiers of Urban Growth -The Economics of Intra-urban Location Decisions- Residential and industrial locations- Semi urban areas- special townships- Features of Urbanization in Developing Countries.

Module II:

Urban local Government- Types of local bodies and Governance- Cantonment Boards- Special Areas Improvement Trust: Functions, Problems and limitations- Slums Areas: Locations and Problems - slum development policy- Urban Poverty: Problems, Measures, and Policies- the Nature of Urban Poverty- The Causes of Poverty- Urban Crime and management

Module III:

Urban labour markets –Developed and developing economies –Informal sector –Segmentation and hierarchy –Dualism –Impact of globalization. – Urbanization without labour absorption in India.

Module IV:

Urbanization in India –Growth of Urban Population- Urban Development Policy in India- Policies and Programmes under the Plans-Jawaharlal Nehru National Urban Renewal Mission (JNNURM).



HEM 312- KERALA HISTORY- 2

Course Category: Core Course / Q
No. of Credits: 4
No. of Contact: 5 Hours per week

Kerala Research Methodology

Objectives of the Course

- To enable the students to understand the circumstances for the colonial intervention in Kerala
- To introduce the students the rising movements of early nationalist movements against foreign domination in Kerala
- To enable the students to understand the role of individuals, institutions and popular movements in transforming the Kerala society.
- To enable the students to critically analyse the socio-political system in modern Kerala history.

Course Outcomes

- CO 1. Identify the real cause of the colonial intervention in Kerala
- CO 2. Trace the historical roots of progressive contemporary Kerala.
- CO 3. Analyse critically the role of leaders and movements in the transformation of modern Kerala
- CO 4. Familiarise with Kerala Model of Development and engage in the rebuilding process of Kerala economy
- CO 5. Understand the issues in contemporary Kerala so as to be responsive to the same.

Module 1: Course of British Intervention

1793 - 1947

- Malabar in Transition: Joint Commission Reports and Revenue Settlements- Malabar under Native Proprietary - revenue and judicial reforms- Civil and Criminal Procedure Code.



SKT 6B 14

BA DEGREE PROGRAMME SANSKRIT
(CBCSS-UG)
SEMESTER VI CORE COURSE- XII

॥ संस्कृति-परिस्थितिपठनम् ॥
(CULTURAL AND ENVIRONMENTAL STUDIES IN SANSKRIT)
(2020 Admission onwards)

Credits: 4

Total Instructional hours: 90
Instructional hours /week: 5

(Answers should be written either in Sanskrit or in English.
Writing in Sanskrit Devanagari script should be used.)

Course Outcome

- Re-integrating Indian culture in the light of modern knowledge.
- Understanding ancient environmental science
- Comparing environmental awareness of the modern and the ancient society
- Understanding and appreciating currents of world thought.

75

- Analyzing the ancient Indian environmental principles through literature.

Course Outline

Module I **Instructional hours: 15, Marks: 19**
Indian Culture - Indus Valley, Harappan Culture, Vedic Culture.

Module II **Instructional hours: 40, Marks: 54**
Kusumalatadyaya (29th Chapter) in Brhatsambhita of Varahamihira

Module III **Instructional hours: 35, Marks: 37**
Vrksayurvedadyaya (55th Chapter) in Brhatsambhita of Varahamihira (first 15 verses)



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PRINCIPAL
Sreekrishnapuram VI Bhattathiripad College
Mannampatta, Palakkad - 678633