



MANONMANIAM SUNDARANAR UNIVERISTY,
TIRUNELVELI-12

SYLLABUS

UG - COURSES – AFFILIATED COLLEGES

Course Structure for B. A. History

(Choice Based Credit System)

(with effect from the academic year 2024-2025 onwards)



Semester-III				
Part	Subject Status	Subject Title	Subject Code	Credit
I	LANGUAGE	TAMIL/MALAYALAM/HINDI		3
II	ENGLISH	ENGLISH		3
III	CORE V	HISTORY OF INDIA - 1707 - 1857 CE		5
III	CORE VI	HISTORY OF TAMIL NADU SINCE 1801 CE		5
III	ELECTIVE 3	INDIAN POLITICAL THOUGHT		3
IV	SEC 4	ENTREPRENEURSHIP DEVELOPMENT		1
IV	EVS	ENVIRONMENTAL STUDIES		2
IV		NAAN MUTHALVAN Introduction to Polity		2



Total Marks: 100 Internal Exam: 25 marks + External Exam: 75 marks

A. Scheme for internal Assessment:

Maximum marks for written test: **20 marks**

3 internal tests, each of **1 hour** duration shall be conducted every semester.

To the average of the **best two** written examinations must be added the marks scored in. The **assignment** for 5 marks.

The break up for internal assessment shall be:

Written test- 20 marks; Assignment -5 marks Total - 25 marks

B. Scheme of External Examination

3 hrs. examination at the end of the semester

A – Part : 1 mark question two - from each unit

B – Part : 5 marks question one - from each unit

C – Part : 8 marks question one - from each unit

➤ **Conversion of Marks into Grade Points and Letter Grades**

S.No	Marks	Letter Grade	Grade point (GP)	Performance
1	90-100	O	10	Outstanding
2	80-89	A+	9	Excellent
3	70-79	A	8	Very Good
4	60-69	B+	7	Good
5	50-59	B	6	Above Average
6	40-49	C	5	Pass
7	0-39	RA	-	Reappear
8	0	AA	-	Absent

➤ **Cumulative Grade Point Average (CGPA)**

$$\text{CGPA} = \frac{\sum (\text{GP} \times \text{C})}{\sum \text{C}}$$

- **GP** = Grade point, **C** = Credit
- CGPA is calculated only for Part-III courses
- CGPA for a semester is awarded on cumulative basis

➤ **Classification**

- First Class with Distinction : CGPA $\geq 7.5^*$
- First Class : CGPA ≥ 6.0
- Second Class : CGPA ≥ 5.0 and < 6.0
- Third Class : CGPA < 5.0



Part I TAMIL தமிழக வரலாறும் பண்பாடும்

அலகு 1

தொல் பழங்கால வரலாறும் சங்ககால வரலாறும்

1. தொல் தமிழர்
2. பழைய கற்காலம்
3. புதிய கற்காலம்
4. உலோகக் காலம்
5. அகழ்வாராய்ச்சியில் தமிழும் தமிழரும் (கீழடி வரை)
6. திணை வாழ்வியல் (களவு வாழ்க்கை, கற்பு வாழ்க்கை, உணவு, அணிகலன்கள், வாணிகம், விளையாட்டுகள்)
7. கல்வியும் கலைகளும்
8. தமிழ் வளர்த்த சங்கம்
9. சங்க கால ஆட்சி முறை
10. அயல்நாட்டுத் தொடர்புகள்

அலகு 2

ஆட்சியர் வரலாறு

1. மூவேந்தர் வரலாறு
2. பல்லவர் வரலாறு
3. நாயக்கர் ஆட்சி
4. முகம்மதியர் ஆட்சி
5. மராட்டியர் ஆட்சி

அலகு 3

ஐரோப்பியர் கால வரலாறு

1. போர்த்துகீசியர்
2. டச்சுக்காரர்கள்
3. டேனிஸ்காரர்கள்
4. பிரெஞ்சுக்காரர்கள்
5. ஆங்கிலேயர்கள்
6. பாளையக்காரர்கள்
7. இந்தியா விடுதலை போராட்டத்தில் தமிழ்நாடு

அலகு 4

விடுதலைக்குப்பின் தமிழ்நாட்டு வரலாறு

1. மொழிப்போராட்டம்
2. சமூக மறுமலர்ச்சி
3. தொழில்நுட்ப வளர்ச்சி

அலகு 5

மொழிப்பயிற்சி

- நிறுத்தக் குறிகள்
- கலைச்சொற்கள்
- மொழிபெயர்ப்பு

Text Books

1. தமிழக வரலாறும் பண்பாடும் - கே. கே. பிள்ளை, உலகத் தமிழாராய்ச்சி நிறுவனம், சென்னை
2. தமிழர் நாகரீகம் பண்பாடும் - அ. தட்சிணாமூர்த்தி, யாழ் வெளியீடு, சென்னை
3. தமிழக வரலாறும் பண்பாடும் - வே.தி.செல்லம், மணிவாசகர் பதிப்பகம், சென்னை

Reference Books

1. தமிழக சமூகாய பண்பாட்டு கலை வரலாறு - கு சேதுராமன், என்.சி.பி.எச், சென்னை
2. தமிழர் கலையும் பண்பாடும் - அ.கா.பெருமாள், என்.சி.பி.எச், சென்னை
3. ஒரு பண்பாட்டின் பயணம்: சிந்து முதல் வைகை வரை - ஆர். பாலகிருஷ்ணன், ரோஜா முத்தையா ஆராய்ச்சி நூலகம், சென்னை



MALAYALAM - POETRY

UNIT I

This unit focus on significance of Malayalam Poetry and trends.

To familiarize the early stages of Malayalam poetry- Folklore heritage-Pattu-Bhakthi movement-Cherussey-Ezhutachan- Kunjan Nambiar-

Detailed study:

Jaritha Vilapam (Mahabharatam kilippattu) Ezhutachan

UNIT II

Romanticism –Asan- Ulloor – Vallathol

Detailed study:

1. Veena Poovu (First 7 slokas only)- Asan
2. Aa poomala- Changampuzha

UNIT III

Modernity in Malayalam poetry- First phase

Post Independent India and Modernization of Nation in Malayalam poetry

Detailed study

1. Yuga Parivarthanam- Vailoppilli Sreedhara Menon
2. Gandhiyum Godseyum- N .V.Krishna Warriar

UNIT IV

Modernity in Malayalam poetry- second phase

Detailed Study

1. Gajendra moksham _ Sugathakumari
2. Kozhi – Kadammanitta
3. Megharoopan – Aattoor Ravi Varma
4. Budhanum Attin kuttiyum – A. Ayyappan

UNIT V

This unit introduces the nature of samakalika kavitha It also evaluates s a m a k a l i k a kavitha,- the contemporary poetry originated after modern poetry- women, Dalit, environment and cyber issues.

Detailed study

1. Pattanbipuzhamanalil – P P Ramachandran
2. Malayalakavithakku oru Kathu- S. Joseph
3. Thoramazha – Rafeek Ahammad
4. Muttamadikkumbol – Anitha Thampi
5. Survey of India-B.M.Manoj

Recommended Text

Puthukavitha Ed by Dr.O.K.Santhosh.Madras University Publication (5 poems only)

- (a) pattambipuzhamanalil,
- (b) Malayala kavithakku oru kathu,
- (c) Muttamadikkumbol,
- (d) Thoramazha,
- (e) Survey of India

Reading List (Print and Online)

1. Aadhunika Malayala Sahitya Charithram prasthanangaliloode – Dr. K.M.George (Ed.)
2. Kairaliyute Kadha – N.Krishnapillai
3. Kavitha Sahitya Charithram – M.Leelavathi
4. Adrushyathayute Akhyanangal- Rajesh Chirapadu
5. Adhunikananthara Malayala Kavitha –C.R.Prasad
6. Pen kavitha malayalathil-Sheeba Divakaran,kerala bhasha institute.Thiruvananthapuram
7. Samakalika Malayala kavitha-M.B.Manoj,Samayam Classics. Kannoor
8. Varnnaraji Dr.M.Leelavathi



HINDI - Patra Lekhan aur Paribhashik Shabdavali

Unit I

Niji Patra Lekhan

- Niji Patra – Arth aur Bhed
- Pitaji/Mataji ke naam patra
- Mitra, Bhai aadi ke naam patra
- Paribhashik Shabdawali – 20 words

Unit II

Samajik Patra Lekhan

- Samajik Patra – Arth aur Bhed
- Aavedan Patra – Noukri, Chutti aadi
- Dak Adhikari ke naam patra
- Paribhashik shabdawali – 20 words

Unit III

Vyavasayik Patra Lekhan

- Vyavasayik Patra – Arth aur Bhed
- Prakashak ke naam patra
- Shikayathi
- Paribhashik shabdawali – 20 words

Unit IV

- Samanya Parichay
- Sarkari Patra
- Ardh-Sarkari Patra
- Gyapan, Paripatra
- Anusmarak
- Paribhashik Shabdawali – 20 words

Unit V

- Precis Writing And Applied Grammar (Ling, Vachan and Karak)

Reference Books

1. Viyavaharik Hindi, Hindi Prachar press, T.Nagar, Madras-600 017
2. Alekhan aur Tippan – Prof. Viraj
3. Alekhan - Kichlu

Related Online Contents (MOOCs, SWAYAM, NPTEL, YouTube, Websites, etc.)

1. <https://youtu.be/-kUPGG0B4tU>
2. <https://www.youtube.com/watch?v=xk14MNb1r7k>



GENERAL ENGLISH

Unit I ACTIVE LISTENING

Short Story

- 1.1 In a Grove – Akutagawa Ryunosuke Translated from Japanese by Takashi Kojima
- 1.2 The Gift of the Magi – O' Henry

Prose

- 1.3 Listening – Robin Sharma
- 1.4 Nobel Prize Acceptance Speech – Wangari Maathai

Unit II INTERPERSONAL RELATIONSHIPS

Prose

- 2.1 Telephone Conversation – Wole Soyinka
- 2.2 Of Friendship – Francis Bacon

Song on (Motivational/ Narrative)

- 2.3 Ulysses – Alfred Lord Tennyson
- 2.4 And Still I Rise – Maya Angelou

Unit III COPING WITH STRESS

Poem

- 3.1 Leisure – W.H. Davies
- 3.2 Anxiety Monster – Rhona Mc Ferran

Readers Theatre

- 3.3 The Forty Fortunes: A Tale of Iran
- 3.4 Where there is a Will – Mahesh Dattani

Unit IV Grammar

- 4.1 Phrasal Verbs & Idioms
- 4.2 Modals and Auxiliaries
- 4.3 Verb Phrases – Gerund, Participle, Infinitive

Unit V Composition/ Writing Skills

- 5.1 Official Correspondence – Leave Letter, Letter of Application, Permission Letter
- 5.2 Drafting Invitations
- 5.3 Brochures for Programmes and Events

Text Books (Latest Editions)

- 1. Wangari Maathai – Nobel Lecture. Nobel Prize Outreach AB 2023. Jul 2023.
- 2. Mahesh Dattani, Where there is a Will. Penguin, 2013.
- 3. Martin Hewings, Advanced English Grammar, Cambridge University Press, 2000
- 4. Essential English Grammar by Raymond Murphy

Web Resources

- 1. WangariMaathai – Nobel Lecture. Nobel Prize Outreach AB 2023. Mon. 17 Jul 2023.
<https://www.nobelprize.org/prizes/peace/2004/maathai/lecture/>
- 2. Telephone Conversation - Wole Soyinka https://www.k-state.edu/english/westmank/spring_00/SOYINKA.html
- 3. Anxiety Monster-RhonaMcFerran www.poetrysoup.com



HISTORY OF INDIA – 1707 – 1857 CE

Learning Objectives

The learning objectives are to impart:

- Impart knowledge about the causes for the advent of the Europeans in India
- Understand the consequences of the British-French rivalry and beginning of the British supremacy
- Create awareness about the various strategies formulated by the British to capture power princely states
- Understand about British state and revenue administration and its consequences
- Acquire knowledge about Indian response to the British rule viz. peasant movements, Poligar rebellion, 1857 Revolt etc.

Unit- I

European Penetration into India: Early European Settlements -The Portuguese - The Dutch - The English and the French - Golden Firman - Dastaks

Unit- II

The Struggle for Supremacy: Anglo – French Rivalry- Carnatic Wars– Robert Clive –Dupleix -Battle of Plassey – Battle of Buxar - Treaty of Allahabad - Later Mughals.

Unit- III

British Expansion in India: Ring Fence policy – Policy of Subordinate Alliance – Policy of Lapse and Annexations by conquests – Anglo - Mysore wars - Anglo Maratha wars – First Anglo Afghan war – Anglo - Burmese wars – Anglo - Sikh conflicts

Unit- IV

British Colonial Administration: Early Administrative Structure – Regulating Act - Pitt's India Act – Charter Acts - Economic Impact of British Colonial Rule – Land Revenue Administration –Permanent Land Revenue Settlement- Ryotwari System - Mahalwari System - Commercialisation of Agriculture - Railways – Roadways - Telegraph and Postal services – Famine Commissions.

Unit- V

Indian Response to British Rule: Early Peasant movement and Tribal Uprisings – KolUprising - Moplah Uprisings – Bhil Uprisings – Santhal Uprisings - Poligar Uprisings – Puli Thevan – Velu Nachaiyar – Kattabomman – Maruthu Brothers - Vellore Mutiny – The Great Revolt of 1857 – Jhansi Rani.

LEARNING RESOURCES

Recommended Books

1. Sir Syed Ahmad Khan, The Indian Revolt, Medical Hall Press, Benares, 1873.
2. Bipan Chandra, History of Modern India, Orient Blackswan, New Delhi 2019



3. Bipan Chandra, et al., India's Struggle for Independence, Penguin Books, New Delhi, 2016.
4. Desai A.R, Social Background of Indian Nationalism, Popular Prakasham, Bombay, 1976.
5. Grover B.L, A New Look on Modern Indian History, S. Chand & Co, Delhi, 1977.

References

1. Lucy Southerland, The East India Company in the 18th Century Politics, Oxford, 1952.
2. Percival Spear, A History of India, Volume 2, Penguin Books, Great Britain, 1976.
3. Phillips C.H, East India Company, Routledge, London, 1961.
4. Ramachandran C. East India Company and the South Indian Economy, New Era Publications, Madras, 1980.
5. Roberts P.E, History of British India, Oxford University Press, Oxford, 1921.
6. Sailendranath Sen, An Advanced History of Modern India, Macmillan Publishers, 2020

Web Resources

1. <http://www.nationalarchives.nic.in>

HISTORY OF TAMIL NADU SINCE 1801 CE

Learning Objectives

The learning objectives are to impart:

- Understanding about the colonial administration and early resistance in Tamil Nadu
- Appreciation of the social movements in Tamil Nadu like the Temple Entry movement and Self-Respect movement
- Knowledge about contribution of Tamil Nadu towards Freedom movement
- Ability to comprehend the contributions of the Congress, DMK and ADMK governments
- Awareness about the various issues present in Tamil Nadu

UNIT I

Early Resistance to British Rule – South Indian Rebellion - Vellore Mutiny - Tamil Nadu under the Europeans – Socio - Economic Activities.

UNIT II

Nationalism in Tamil Nadu - Madras Native Association – Madras Mahajana Sabha – Swadeshi Movement – V.O. Chidambaram Pillai - Home Rule Movement – Non-Cooperation Movement – Civil Disobedience Movement – Impact of Gandhi's visit to Tamil Nadu - Congress Ministry – Quit India Movement.

UNIT III

Political and Social Awakening - Dravidian Association – Non - Brahmin Movement -



Justice Party Government – Social Justice Measures (Communal G.O.s) – Periyar's Self Respect Movement – Formation of Dravidar Kazhagam – Women Empowerment.

UNIT IV

Government after Independence - Rajaji Ministry – Kamaraj Ministry – Mid - day Meals Scheme – Industrialisation – Agriculture and Irrigation Reforms – Kamaraj Plan – Bhaktavatsalam – Anti - Hindi Agitation.

UNIT V

Formation of Dravida Munnetra Kazhagam – C.N. Annadurai - Women Welfare – Agriculture and Industrial development- Renaming Madras State as Tamil Nadu - Karunanidhi's Administration - Birth of AIADMK - M.G. Ramachandran - Nutritious Meal Scheme - J. Jayalalitha – Integration of Tamil Districts – River Water Disputes – Reservation Policy.

LEARNING RESOURCES

Recommended Books

1. A.Ramaswamy, TharkalaThamizhnattuVaralaru, New Century Book House, Chennai, 2018 (In Tamil)
2. G.Venkatesan, History of Modern Tamil Nadu 1600-2011, VC Publications, Rajapalayam
3. K.Rajayyan, History of Tamil Nadu, 1565 to 1982, Raj Publishers, 1982
4. K.Rajayyan, Tamil Nadu: A Real History, EthirVeliyeedu, Pollachi, 2015
5. Ma. Po. Civananam, History of Freedom Movement in Tamil Nadu, Tamil University, 1988
6. N.Subramanian, History of Tamil Nadu, 1336 to 1984, Koodal Publications, 1976
7. Noboru Karashima, ed., A Concise History of South India: Issues and Interpretations, OUP, New Delhi, 2014
8. S.Narayan, The Dravidian Years: Politics and Welfare in Tamil Nadu, Oxford University Press, New Delhi, 2018

References

1. A.R. Venkatachalapahty, Tamil Characters: Personalities, Politics, Culture, Pan MacMillan, 2019
2. A.S. Panneerselvam, Karunanidhi: A Life, Penguin Random House India Pvt. Ltd., 2021
3. Anita Diehl, E.V. Ramaswami Naicker - Periyar: A Study of the Influence of a Personality in Contemporary South India, B.I. Publications, Bombay, 1978
4. Eugene F. Irschick, Politics and Social Conflict in South India: The Non-Brahman Movement and Tamil Separatism, 1916-1929, University of California Press, California, 1969
5. K. NambiArooran, Tamil Renaissance and Dravidian Nationalism 1905-1944, Koodal



6. M. Naganathan, Tamil Nadu Economy: Trends & Prospects, University of Madras, Chennai, 2002
7. M.S.S. Pandian, (David E. Ludden and S. Ananthi, eds.), The Strangeness of Tamil Nadu: Contemporary History and Political Culture in South India, Permanent Black, 2019
8. M.S.S. Pandian, Brahmin and Non-Brahmin: Genealogies of the Tamil Political Present, Permanent Black, New Delhi, 2016
9. M.S.S. Pandian, The Image Trap: M.G. Ramachandran in Film and Politics, Sage Pub., New Delhi, 1992
10. Na. Velucami, Dr.Kalaignar M. Karunanidhi: A Study, Tamizhcholai, 2006
11. P. Rajaraman, The Justice Party – A Historical Perspective, 1916-1937, Poompozhi Publishers, Madras, 1988
12. P.C. Ganesan, C.N. Annadurai, Publications Division, New Delhi, Publishers, Madurai, 1980
13. Rajmohan Gandhi, Rajaji: A Life, Penguin India, New Delhi, 2010
14. Robert L. Hardgrave Jr., The Dravidian Movement, Popular Prakashan, Bombay, 1965
15. T. Stalin Gunasekaran, The Role of Tamil Nadu in Freedom Struggle, Nivethitha Pathippagam, 2000 (In Tamil)
16. V. Gita and S.V. Rajdurai, Towards a Non-Brahmin Millennium: From Iyothethass to Periyar, Samya, 1998
17. V.K. Narasimhan, Kamaraj: A Study, National Book Trust, New Delhi, 2007
18. Vijaya Ramaswamy, Historical Dictionary of the Tamils, Rowman & Littlefield, Maryland, USA, 2017

Web Resources

1. <https://archive.org/details/acldpl00000795a1498>
2. www.britannica.com/tamilnadu-india

INDIAN POLITICAL THOUGHT

Learning Objectives

The learning objectives are to impart:

- Knowledge about Ancient political thinkers Kautilya and Kalhana
- Understanding Barani's idea of a Good ruler and Abul Fazal's Governance and Administration
- The ideas of Raja Ram Mohan Roy, Ranade, Gokhale and Mahatma Gandhi
- Ideas of Radical thinkers such as Tilak, Subramania Bharathi, V.O. Chidambaram Pillai and Aurobindo Ghosh
- Ideas of Egalitarian thinkers like Periyar and Ambedkar

UNIT I

Ancient Thinkers –Thiruvalluvar – Kautilya – Arthasasthra – Kalhana-Rajatarangini.

UNIT II

Medieval Thinkers -Ziyouddin Barani - Ideal Polity- Abul Fazl- Views on Governance and Administration.



UNIT III

Modern Thinkers - Rajaram Mohan Roy – M.G. Ranade – G.K. Gokhale – Mahatma Gandhi

UNIT IV

Radical Thinkers - Bal Gangadhar Tilak - Subramania Bharathi – V.O. Chidambaram – Aurobindo Ghosh .

UNIT V

Egalitarian Thinkers- E.V.R. Periyar - B.R. Ambedkar.

Socialist Thinkers: Ram Manohar Lohia - Jayaprakash Narayanan

LEARNING RESOURCES**Recommended Books**

1. Vishnubhagwan, Indian Political Thinkers, Atma Ram & Sons, New Delhi, 1999
2. Guha, Ramachandra Guha, Makers of Modern India, Penguin India, New Delhi, 2012.
3. V.P. Varma, Modern Indian Political Thought, Vol. II, Laxmi Narain Agarwal, Agra, 2020

References

1. Bidyut Chakrabarty, et. al., Modern Indian Political Thought: Text and Context, Sage Pub., New Delhi, 2009
2. M. Sharma, Political Theory and Thought, Anmol Publisher, New Delhi, 2004
3. V.R. Mehta, Foundations of Indian Political Thought, Taylor & Francis Exclusive, CBS Publishers & Distributors Pvt. Ltd., New Delhi, 2022

Web Resources

1. <https://archive.org/details/in.gov.ignca.18749/page/n13/mode/2up>

ENTREPRENEURSHIP DEVELOPMENT**Learning Objectives**

The learning objectives are to impart:

- Knowledge of traits of entrepreneurs and rural entrepreneurship
- Knowledge of starting a small industry and government subsidies
- Quality control and assurance techniques
- Understanding of elements of marketing
- Understanding of human behaviour and stress management

UNIT I

Entrepreneur: Traits and Functions – Innovation – Entrepreneurship motivation – Rural Entrepreneurship

UNIT II

Steps for starting a small industry: Identification of Business opportunity – Selection of Product – Government Subsidies and Incentives



UNIT III

Quality Assurance and Testing of Product – Total Quality Management – Quality Control and Assurance Techniques

UNIT IV

Elements of Marketing: Market Strategy – Packing and Advertisement – After Sales Service

UNIT V

Management of Self and understanding Human Behaviour – Stress Management – Social Responsibility and Business Ethics

LEARNING RESOURCES

Recommended Books

1. P.C. Jain, A Handbook for New Entrepreneurs, Entrepreneurship Development Institute of India, OUP, New Delhi, 1998
2. S. Anil Kumar, et. al., Entrepreneurship Development, New Age Intl. Pvt. Ltd. Pub., New Delhi, 2003
3. S.S. Khanka, Entrepreneurial Development, S. Chand & Co. Ltd., New Delhi, 2020
4. Sangeeta Sharma, Entrepreneurship Development, PHI Learning Pvt. Ltd., Delhi, 2021

References

1. Jay Narayan Vyas, Planning an Industrial Unit, N.K. Vyas Family Trust, 1982
2. Udai Pareek and T. Venkateswara Rao, Developing Entrepreneurship: A Handbook, Learning Systems, New Delhi, 1978

Web Resources

1. <http://www.startupindia.gov.in>

NAAN MUDHALVAN INTRODUCTION TO POLITICAL SCIENCE

Learning Objectives

The learning objectives are to impart:

- Understanding of the role of the centre and states.
- Compare and contrast the role of citizens
- Knowing the forms of the Government.
- Understanding the positions of the executives.
- Identifying the role of the political parties.

Unit I

State and its elements – relationship between Government and Society – Organs of Government – Legislative, Executive and Judiciary.



Unit II

Citizenship – meaning – rights of the citizen – Duties of Citizen – Fundamental rights – How rights are safeguarded.

Unit III

Forms of Government – Unitary and Federal - Types of Constitutions – Written and Unwritten Flexible and rigid.

Unit IV

Executives – Parliamentary and Presidential – Legislature – Unicameral – Bicameral – Judiciary – Judicial review – Rule of Law and Administrative Law.

Unit V

Separation of Powers – Pressure groups – Political parties – Single Party, Bi-party and Multi-party systems

Reference Books:

1. V. D. Mahajan, Select Modern Constitutions, S. Chand and Co, New Delhi, 1975.
2. A. C. Kapur, Select Constitutions, S. Chand and Co, New Delhi, 1975
3. Hiermer Finer, The Theory and Practices of Modern Government, Surjeet Publications, New Delhi, 1977.

ENVIRONMENTAL STUDIES

Course Objectives:

The main objectives of this course are:

- Enable the students to be aware of our natural resources, ecosystems and their linkages to society, livelihood, environment and conservation.

Unit I**Multidisciplinary Nature of Environmental Studies and Natural Resources:**

Concept of Renewable and non-renewable resource, Natural resources and associated problems: Forest resources: Deforestation, Timber extraction, mining, dams and their effects. Water resources: Over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources. Land resources: Land degradation, man induced landslides, soil erosion and desertification.

UNIT II

Ecosystem: Concept of an Ecosystem, Structure and Functions of Ecosystem, Energy flow in the Ecosystem; Ecological Succession, Food Chains, Food webs and Ecological Pyramids, Characteristic Features of the following Ecosystem: Forest



Ecosystem, Grassland Ecosystem and Desert Ecosystem, Aquatic Ecosystem (Ponds, Streams, Lakes, Rivers and Ocean Estuaries)

UNIT III

Biodiversity and its Conservation: Definition, levels and values of biodiversity; Threats to biodiversity- habitat loss, poaching of wildlife, man-wildlife conflicts, IUCN categories of threat; Terrestrial and marine hotspots of biodiversity in India; Conservation of Biodiversity - In-situ and Ex-situ conservation; Conservation schemes :Gir lion sanctuary project, Project tiger, Project elephant, Conservation of sea turtles in India. Ecotourism

UNIT IV

Environment Pollution: Types, causes, effects, and control - Air, Water, Soil and Noise pollution. Nuclear hazards and human health risks. Solid waste management: Control measure of urban and industrial waste. Climate change global warming, ozone layer depletion, acid rain, and impacts on human communities and agriculture

UNIT V

Social Issues and the Environment: Sustainable Development, Water Conservation, Resettlement and rehabilitation of people. Disaster Management: Floods, earthquake, cyclone and landslides. Consumerism and waste products; Environment Protection Act; Air and water (Prevention and control of Pollution) Act; Wild life protection Act; Forest conservation Act; Environmental movements (Chipko, Silent valley, Bishnois of Rajasthan). Environmental ethics. Environmental communication and public awareness.

Reading list

1. Erach Bharucha, 2021, Textbook of Environmental Studies for Undergraduate Courses, Third Edition, Orient blackswan Pvt. Ltd., Hyderabad.
2. V.K. Ahluwalia, Environmental Studies (Second Edition), Ane books India, T-Nagar, Chennai.
3. Y.K. Singh, 2006, Environmental science, New Age International (P) Ltd., Publishers, New Delhi.
4. S. P. Misra, 2023, Essential Environmental Studies, 4th Edn, Ane Books Pvt. Ltd., New Delhi.
5. G.S. Vijayalakshmi, A.G.Murugesan and N.Sukumaran, 2006, Basics of Environmental Science, Manonmaniam Sundaranar University Publications, Tirunelveli.

Recommended texts

1. N.Arumugam and V. Kumaresan, 2014, Environmental studies, 4th edition, Saras Publication, Nagercoil, TamilNadu.
2. M.Basu, and S. Xavier, 2016, Fundamentals of Environmental Studies, Cambridge University Press.
3. A.K. Mitra and R. Chakraborty, 2016, Introduction to Environmental Studies, Book Syndicate.



4. J.S. Singh, S.P.Singh, and S.R. Gupta, 2014, Ecology, Environmental Science and Conservation. S. Chand Publishing, New Delhi.
4. B. C. Rai, The World Constitutions, Universal Publications, New Delhi, 1971.

