

சென்னைப் பல்கலைக்கழகம்
University of Madras

Part-I

பொதுத் தமிழ் - பாடத்திட்டம்

General Tamil - Syllabus

4 பருவங்கள் (நான்காம் பருவம்)

(B.A., B.Sc., B.Com., BCA., BBA)

2023-24

பொதுத்தமிழ் -4
தமிழும் அறிவியலும்
இரண்டாம் ஆண்டு - நான்காம் பருவம்

Course Code	Course Name	category	L	T	P	S	Credits	Ins.Hrs	CIA	Externa	Total
200L4AU	பொதுத்தமிழ் -4 தமிழும் அறிவியலும்	Supportive	Y	-	-	-	3	6	25	75	100

Learning Objectives

- தாய்மொழி வழியாக அறிவியல் பற்றிய சிந்தனைகளை வளர்த்தல்.
- அறிவியல் கலைச் சொல்லாக்கம் பற்றிப் பயிற்றுவித்தல்.
- மாணவர்களுக்கு அறிவியல் பார்வையை ஏற்படுத்துதல்.
- தமிழில் அறிவியல் படைப்பிலக்கியங்களை உருவாக்கத் தூண்டுதல்
- தமிழ் இலக்கியம் சார்ந்த போட்டித் தேர்வுகளுக்கு ஏற்ப கற்பித்தல் நடைமுறைகளை மேற்கொள்ளுதல்

Expected Course Outcomes

On the Successful completion of the Course, Students will be able to

இப்பாடத்தைக் கற்பதால் பின்வரும் பயன்களை மாணவர் அடைவர்

CO 1	தாய்மொழி வழியாக அறிவியல் பற்றிச் சிந்திக்கும் திறன் பெற்றிருப்பர்.	K4
CO 2	அறிவியல் கலைச் சொல்லாக்கம் பற்றிய விதிகள், நுணுக்கங்களைத் தெரிந்திருப்பர்.	K5, K6
CO 3	அறிவியல் தமிழ் வளர்ச்சியில் மொழிபெயர்ப்பின் பங்கு குறித்து அறிந்திருப்பர்.	K3
CO 4	மொழியறிவோடு சிந்தனைத்திறனைப் பெறுவர்	K3
CO 5	மொழிப்பயிற்சிக்குத் தேவையான இலக்கணங்களைக் கற்பர்.	K2

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

அலகு-1	தமிழரின் அறிவியல் சிந்தனைகள்
	<ul style="list-style-type: none"> • அறிவியலும் மனித வாழ்வும் • ஐந்திணைப் பகுப்பும் சூழலியலும் • தொழில்நுட்ப மேலாண்மை • நீர் நில மேலாண்மை

அலகு-2	பழந்தமிழ் இலக்கியங்களில் அறிவியல் சிந்தனைகள்
	<ol style="list-style-type: none"> 1. நிலவியல் 2. உலோகவியல் 3. வானவியல் 4. உயிரியல் 5. உளவியல்

அலகு-3	இடைக்கால இலக்கியங்களில் அறிவியல் சிந்தனைகள்
	<ol style="list-style-type: none"> 1. காப்பியங்களில் அறிவியல் 2. சிற்றிலக்கியங்களில் அறிவியல் 3. உரைநூல்களில் அறிவியல்
அலகு-4	இணையத் தமிழ்
	<ol style="list-style-type: none"> 1. இணையத் தமிழ் பயன்பாடு - அறிமுகம் 2. இணையத்தமிழ்க் கல்விக்கழகம் 3. இணைய நூலகம் 4. செயற்கை நுண்ணறிவியல் 5. தமிழ்நாட்டு அறிவியல் ஆளுமைகள்
அலகு-5	கடிதம் எழுதுதலும் கட்டுரை எழுதுதலும்
	<ul style="list-style-type: none"> • உறவு முறைக் கடிதப் பயிற்சி • அலுவலகக் கடிதப் பயிற்சி • விண்ணப்பப் படிவம் எழுதும் பயிற்சி • தன் விவரப் படிவம் எழுதும் பயிற்சி • கருத்து விளக்கக் கட்டுரைகள் எழுதும் பயிற்சி • பத்திரிகைகளுக்குக் கட்டுரை எழுதும் பயிற்சி
Text books	
	<ul style="list-style-type: none"> • அறிவியல் தமிழ் இன்றைய நிலை - இராதா செல்லப்பன், உலகத் தமிழாராய்ச்சி நிறுவனம், சென்னை. • மணவை முஸ்தபா, தமிழில் அறிவியல் படைப்பிலக்கியம், மணவை பப்ளிகேஷன், சென்னை. • கலைச்சொல்லாக்கம் - மங்கை, ரங்கராசபுரம், சென்னை .
Reference Books	
	<ol style="list-style-type: none"> 1. தமிழர் வேளாண்மை மரபுகள் - இல).செ.கந்தசாமி • 2. சங்க இலக்கியத்தில் வேளாண் சமுதாயம், பெ.மாதையன், நியூ செஞ்சுரி புக் ஹவுஸ் 3. தமிழில் அறிவியல் இதழ்கள்சாமுவேல்- ரா.பார்வேந்தன் ஃபிஷ்கிறீன் பதிப்பகம், கோவை 4. அறிவியல் தமிழ் - பதிப்பாசிரியர் இராதா செல்லப்பன், பாரதிதாசன் பல்கலைக்கழகம், திருச்சிராப்பள்ளி. 5. இணையத் தமிழ் வரலாறு, மு.பொன்னவைக்கோ, பாரதிதாசன் பல்கலைக்கழகம் 6. இணையத் தமிழ், சந்திரிகா சுப்பிரமணியம் - சந்திரோதயம் பதிப்பகம் 7. இணையமும் இனிய தமிழும் - துரை. மணியரசன், இசை பதிப்பகம் 8. கணினித் தமிழ், இல. சுந்தரம் - விகடன் பிரசுரம் 9. மாண்புமிகு மண், பாமயன், வம்சி புக்ஸ்

10. தமிழ் இலக்கியத்தில் அறிவியல் சிந்தனைகள் வானதி பதிப்பகம், சென்னை

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

Web Sources

- <https://www.chennaiLibrary.com/>
- <https://www.sirukathaigal.com>
- <https://www.tamilvirtualuniversity.org>
- <https://www.noolulagam.com>
- <https://www.katuraitamilblogspot.com>

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PSO 1	PSO 2	1.
CLO1	3	2	3	3	3	2	2	2	3	2	3	2	
CLO2	3	3	2	2	2	3	2	3	3	2	2	2	
CLO3	3	2	3	3	2	2	2	3	2	3	3	2	
CLO4		3	3	2	2	2	3	2	3	2	3	3	
CLO5	3	3	2	2	2	3	3	2	2	2	3	3	

Strong -3,Medium-2,Low-

UNIVERSITY OF MADRAS

FOUNDATION COURSE: ENGLISH

SYLLABUS WITH EFFECT FROM 2023-2024

SECOND YEAR - SEMESTER IV

PAPER II –GENERAL ENGLISH

Subject Code	Category	L	T	P	S	Credits	Inst. Hours	Marks		
								CIA	External	Total
200L4ZU	Part II	Y	Y	-	-	3	6	25	75	100
Learning Objectives										
LO1	To help learners imbibe goal-setting attitude.									
LO2	To enable them to understand the value of integrity.									
LO3	To help them deal with emotions.									
LO4	To teach the learners to frame sentences using tenses.									
LO5	To enhance reporting skills.									
Unit No.	Unit Title & Text							No. of Periods for the Unit		
I	GOAL SETTING (UNICEF) Life Story 1.1 From Chinese Cinderella – Adeline Yen Mah 1.2 Why I Write - George Orwell Short Essay 1.3 On Personal Mastery – Robin Sharma 1.4 On the Love of Life – William Hazlitt							20		
II	INTEGRITY Short Story 2.1 The Taxi Driver – K.S. Duggal 2.2 Kabuliwala - Rabindranath Tagore 2.3 A Retrieved Reformation – O Henry Extract from a play 2.4 The Quality of Mercy (Trial Scene from the Merchant of Venice - Shakespeare)							20		
III	COPING WITH EMOTIONS Poem 3.1 Pride – Dahlia Ravikovitch 3.2 Phenomenal Woman – Maya Angelou Reader’s Theatre 3.3 The Giant’s Wife A Tall Tale of Ireland – William Carleton 3.4 The Princess and the God : A Tale of Ancient India							20		

UNIVERSITY OF MADRAS

FOUNDATION COURSE: ENGLISH

SYLLABUS WITH EFFECT FROM 2023-2024

IV	Language Competency Sentences 4.1 Simple Sentences 4.2 Compound Sentences 4.3 Complex Sentences Direct and Indirect Speech	15
V	Report Writing 5.1 Narrative Report 5.2 Newspaper Report Drafting Speeches 5.3 Welcome Address 5.4 Vote of Thanks	15

Course Outcomes

Course Outcomes	On completion of this course, students will	
CO1	Determine their goals	PO1,PO7
CO2	Identify the value of integrity.	PO1,PO2,PO10
CO3	Deal with emotions.	PO4,PO6,PO9
CO4	Frame grammatically correct sentences	PO4,PO5,PO6
CO5	Write cohesive reports.	PO3,PO8

Text Books (Latest Editions)

1	Oxford Practice Grammar , John Eastwood, Oxford University Press
2	Cambridge Grammar of English , Ronald Carter and Michael McCarthy
3.	George Orwell Essays, Penguin Classics

Web Resources

1	http://www.gradesaver.com/George-orwell-essays/study/summary
2	O' Henry. A Retrieved Reformation. https://americanenglish.state.gov/files/ae/resource_files/a-retrieved-reformation.pdf
3	Maya Angelou. Phenomenal Woman. https://www.poetryfoundation.org/poems/48985/phenomenal-woman
4	The Quality of Mercy, https://poemanalysis.com
5	https://www.oxfordscholarlyeditions.com/display/10.1093/actrade/9780199235742.book.1/actrade-9780199235742-div1-106-William-Hazlitt

UNIVERSITY OF MADRAS

FOUNDATION COURSE: ENGLISH

SYLLABUS WITH EFFECT FROM 2023-2024

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	3	3	3	3	3	3	2	3	2
CO2	2	3	3	3	2	3	3	2	2	2
CO3	3	3	3	2	3	3	3	2	3	2
CO4	3	3	3	3	3	3	3	2	2	2
CO5	3	2	3	3	3	3	3	2	2	3

3 – Strong, 2 – Medium , 1 – Low

Mapping with Programme Specific Outcomes:

CO /PO	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	3	3	3	3
CO4	3	3	3	3
CO5	3	3	3	3
Weightage	15	15	15	15
Weighted percentage of Course Contribution to Pos	3.0	3.0	3.0	3.0

UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN HISTORICAL STUDIES
SYLLABUS WITH EFFECT FROM 2023-2024

SECOND YEAR – SEMESTER- IV

CORE VII – HISTORY OF MODERN INDIA 1707 - 1857 CE

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
206C4A	HISTORY OF MODERN INDIA 1707 - 1857 CE	Core					5	5	25	75	100
Course Objectives											
C1	To learn about the formation, expansion and consolidation of the Mughal Empire.										
C2	To examine various processes in the Mughal Empire and their role in shaping state and society in India.										
C3	To understand the transformations in the administration of Colonial India.										
C4	To Understand the Policies adopted by the British Government										
C5	To understand the causes and impact of the Great Revolt										
UNIT	DETAILS										No. of Hours
I	Later Mughals – Disintegration of the Mughal Empire – Rise of the Peshwas: Balaji Vishwanath – Balaji Baji Rao – Invasion of Nadir Shah – Third Battle of Panipat – Administration of Peshwas.										15
II	Advent of the Europeans – Anglo-French Rivalry in the Carnatic – Establishment of British Power in Bengal – Battle of Plassey – Battle of Buxar – Robert Clive – Dual Government.										15
III	Lord Warren Hastings and Administrative Reforms – Lord Cornwallis Reforms – Permanent Revenue Settlement – Lord Wellesley – Subsidiary Alliance System – Anglo-Mysore Wars.										15
IV	Lord Minto I – Career and Achievements of Ranjit Singh – Lord Hastings and his Reforms – Anglo-Maratha Wars – Lord William Bentick – Administrative and Social Reforms – Lord Metcalfe – Lord Auckland – Lord Ellenborough – Lord Hardinge.										15
V	Lord Dalhousie – Doctrine of Lapse – Annexation Policy – Anglo-Sikh Wars – Reforms of Lord Dalhousie – Great Revolt of 1857: Causes, Course and Results.										15
	Total										75
Course Outcomes									Programme Outcomes		
CO	On completion of this course, students will										
1	Provides an overview of the main trends and developments in India during the Mughal period.									PO1, PO2, PO5	
2	To make the students understand the knowledge of socio-economic and political history, focusing on the continuity and change from the Hindu to the Muslim period.									PO2, PO3	
3	The course acquainted the students with the British policy, stressing on the positive and negative effects.									PO1, PO2	

UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN HISTORICAL STUDIES
SYLLABUS WITH EFFECT FROM 2023-2024

4	Students have acquainted with the Administration of the British	PO1, PO2
5	Students have understood of the Great Revolt and its impact	PO1,PO2,P03

Text Book	
1	Ishwari Prasad, History of Medieval India, Brill, London, 1960.
2	Sathianathaier, History of India, Vol. – III, S. Viswanathan & Co., Chennai, 1999.
3	Sharma L.P., History of Modern India, Konark Publishers Pvt Ltd., 2008.
4	Srivastava, A.L. History of India 1000 to 1707, Shivalal Agarwal Publication, Agra, 1976.
5	Srivastava. A.L., History of Modern India, Orient Black Swan, Delhi, 1985.
6	Koch, E., Mughal Art and Imperial Ideology, Oxford University Press, New Delhi, 2002.
7	Mahajan V.D and Savithri Mahajan, British Rule in India and After, S. Chand & CompanyLtd New Delhi, 2005.
8	Mehta., Advanced Study in the History of Medieval India, Vol II & III, New Delhi, 2006.
9	Richards, J.F. The Mughal Empire: The New Cambridge History of India, Vol. I, CambridgeUniversity Press, Cambridge, 2007.
10	Habib, Irfan, The Agrarian System of Mughal India 1556-1707, Revised Edition, OxfordUniversity Press, New Delhi, 1999.

Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	2	2	2	2	3	2	3
Weightage	14	14	14	14	13	15	13	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.6	3.00	2.6	3.00

S-Strong-3 M-Medium-2 L-Low-1

UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN HISTORICAL STUDIES
SYLLABUS WITH EFFECT FROM 2023-2024

FIRST YEAR – SEMESTER- II

CORE VIII - CONSTITUTIONAL HISTORY OF INDIA, 1773-1947

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks			
									CIA	External	Total	
206C4B	CONSTITUTIONAL HISTORY OF INDIA,1773-1947	Core					5	5	25	75	100	
Course Objectives												
C1	Study the evolution of the law in colonial India											
C2	To know difference between the Regulation and the Acts and Bills											
C3	Understand the evolution of institutions of law making											
C4	To understand importance of the Freedom Movement and the development of Constitution											
C5	To Gain Knowledge on India's Independence Act and it's impact											
UNIT	DETAILS										No. of Hours	
I	Historical background –Causes for the Regulating Act of 1773-Amendments-establishment of Adalats - Pitt's India Act- establishment of Dual government										15	
II	Cornwallis Code – Revenue and Judicial Reorganization- Charter Acts of 1813 and 1833- Centralization of powers – Powers of Provincial Councils – Charter of 1853- Woods Dispatch Independent Act.										15	
III	Queen Victoria's Proclamation –The Indian Councils Acts of 1861- Demand for Indianisation of service - The Rise of Nationalism-India Act of 1892- Morley-Minto Act of 1909-Representation of Communal Interests.										15	
IV	Government of India Act of 1919- Working of Diarchy-Simon Commission-Round Table Conference- Puna Pact										15	
V	Government of India Act Of 1935- Federal Scheme - Cripps Mission-Cabinet Mission- Mountbatten Plan - India Independence Act.										15	
	Total										75	
Course Outcomes										Programme Outcomes		
CO	On completion of this course, students will											
1	Learn about the structure, organization of the East India company government										PO1,PO2, PO5	
2	Know the development of institutions at the centre various classes and major types of the East India company										PO2, PO3	
3	Understand the fundamentals of centralization										PO1, PO2	
4	Understand the various experiments in law making										PO1, PO2	
5	Students have learnt about the development of Indian Constitution										PO4, PO5	

Text Book	
1	R.N.Aggarwala, National Movement and Constitutional Development of India, 1956.
2	G. Austin, The Indian Constitution: Cornerstone of a Nation, Oxford University Press, 1966.
3	D. Basu, An Introduction to the Constitution of India, New Delhi, Prentice Hall, 1994.
4	A. Chandra, Federalism in India: A Study of Union-State Relations, London, George Allen & Unwin, 1965.
5	M. P. Krishna Shetty, Fundamental Rights and Socio-Economic Justice in the Indian Constitution, 1969.
6	K. M. Munshi, The President Under the Indian Constitution, Bombay, Bharatiya Vidya Bhavan, 1963
7	A. G. Noorani, Constitutional Questions in India: The President, Parliament and the States, 2000.
8	M. V. Pylee, An Introduction to the Constitution of India, New Delhi, 1998
9	Austin, Granville, Working a Democratic Constitution: The Indian Experience New Delhi, OUP, 1999
10	Dhawan. Rajeev, ed Law and Society in Modern India. New Delhi: OUP, 1997

Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	2	2	2	2	3	2	3
Weightage	14	14	14	14	13	15	13	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.6	3.00	2.6	3.00

S-Strong-3 M-Medium-2 L-Low-1

UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN HISTORICAL STUDIES
SYLLABUS WITH EFFECT FROM 2023-2024

SECOND YEAR – SEMESTER- IV

Elective IV: OUTLINES OF INDIAN PHILOSOPHY

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
206E4A	Elective IV : OUTLINES OF INDIAN PHILOSOPHY	Core					3	3	25	75	100
Course Objectives											
C1	To study the basic concepts of Indian philosophy										
C2	To know the spiritual basis of life										
C3	To understand the concepts of idealism										
C4	To understand the existence of materialist philosophy										
C5	To understand the Philosophical ideas of Revolution and Creative Awareness										
UNIT	DETAILS										No. of Hours
I	Introduction to Indian Philosophy: Vedas, Upanishads, Bhagavad Gita – Jainism Principles –Buddhism and Noble Truths – Concept of Nirvana – Orthodox Systems: Nyaya and Vaisesika.										15
II	Sankhya Theory of Causation – The Eight Limbs of Yoga – Two Schools of Mimamsa – Concept of Dharma and Liberation – Vedanta Philosophy: Advaita, Visistadvaita and Dvaita.										15
III	Characteristics of Contemporary Indian Philosophy – Modern Indian Thought – Religious Movements – Theosophical Society and Ramakrishna Mission.										15
IV	Swami Vivekananda: The Doctrine of Maya, Practical Vedanta, Universal Religion – Sri Aurobindo: Integral Advaitism, Triple process of Transformation, Integral Yoga – Dr. S. Radhakrishnan: Idealistic Philosophy.										15
V	E.V.Ramasamy: Self-respect Movement, Women’s rights, Anti-caste views of Religion, Dravidian Movement – J. Krishnamurti: Concept of Truth, Nature of Self-Psychological Revolution and Creative Awareness – His Conception of New Society.										15
Total										75	
Course Outcomes									Programme Outcomes		
CO	On completion of this course, students will										
1	Understand the evolution of Indian philosophy										PO1,PO2, PO4
2	Know the spiritualism of Indian philosophers.										PO2, PO3
3	Know the material basis of Indian philosophy										PO1, PO2
4	Students have understood the concept of Religious Concepts										PO1, PO3
5	Students knew about the concept of New Society										PO4, PO5

UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN HISTORICAL STUDIES
SYLLABUS WITH EFFECT FROM 2023-2024

Text Book	
1	Datta and Chatterjee, Introduction to Indian Philosophy, Calcutta University Press, Calcutta, 1960.
2	Hiriyanna, M., Outlines of Indian Philosophy, George Allen and Unwin Ltd., New York, 1973.
3	Puligandle, R., Fundamentals of Indian Philosophy, New Bharathiya Book Corporation, New Delhi, 2007.
4	Lal, B.K., Contemporary Indian Philosophy, Motilal Banarsidas, New Delhi, 1995.
5	Naravane, V.S., Modern Indian Thought, Asia Publishing House, Bombay, 1964.
6	. Mitra, S.K. Introduction to Philosophy of Sri Aurobindo, Sri Aurobindo Ashram, Pondicherry, 1986.
7	Sharma, D.S., Hinduism through the Ages, Bharatiya Vidya Bhavan, Bombay, 1962.
8	Mahadevan, T.M., Contemporary Indian Philosophy, Sterling Publishers, New Delhi, 1963.
9	Radhakrishnan, S., Indian Philosophy, George Allen and Unwin Ltd., New York, 1960.
10	Mahadevan, T.M.P., An Invitation to Indian Philosophy, Arnold Heinemann Publishers Pvt Ltd., New Delhi, 1974.

Mapping with Programme Outcomes:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3	3	3	3	3	3	3
CO 2	3	3	3	3	3	3	3	3
CO 3	3	3	3	3	3	3	3	3
CO 4	3	3	3	3	2	3	2	3
CO 5	2	2	2	2	2	3	2	3
Weightage	14	14	14	14	13	15	13	15
Weighted percentage of course contribution to POS	2.8	2.8	2.8	2.8	2.6	3.00	2.6	3.00

S-Strong-3 M-Medium-2 L-Low-1

UNIVERSITY OF MADRAS
B.A. DEGREE COURSE IN HISTORICAL STUDIES
SYLLABUS WITH EFFECT FROM 2023-2024

SECOND YEAR – SEMESTER - IV
SEC VI - SUSTAINABLE TOURISM

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
206S4A	SUSTAINABLE TOURISM	SEC					2	2	25	75	100
Course Objectives											
C1	To introduce students to sustainable tourism										
C2	To make them understand, uniqueness of natural and heritage features										
C3	To familiarize the students with cultural legacy, environment, accessibility and traditional hospitality										
UNIT	DETAILS										No. of Hours
I	Basic Ideas of Sustainable Tourism -- Landscape -- Eco System -- Culture.										15
II	Heritage – Historical Sites in Tamil Nadu -Monuments – Types of Temples – Evolution of Dravidian Art and Architecture										15
III	Conservation of Heritage and Management - Codes of Conduct for different Stake - holders - UN initiatives on Heritage - National and State Policies on Heritage centers- The Tamil Nadu Tourism Department and its role in promotion of Heritage tourism										15
	Total										45
Course Outcomes										Programme Outcomes	
CO	On completion of this course, students will										
1	The students will come to know about the importance of the heritage tourism as potential for employment										PO1,PO2,
2	The students will view tourism as a profession										PO2, PO3
3	They will venture into the field as entrepreneurs as tourist guides or agents										PO1, PO2
Text Book											
1	Batra, G.S. Marketing of Tourism Services and Tourism – Global Perspective, New Delhi: Deep & Deep Publications. 1995.										
2	Bhandari, R.R. Indian Railways - glorious 150 years, (Information and Broadcasting Division, India). 2005.										
3	David B. Weaver, The Encyclopedia of Eco Tourism, Oxford University Press, 2005.										
4	Geetha Kannammal, S., An Introduction to Tourism in Tamil Nadu, University of Madras,2007,										
5	Prabhas Chandra, International Ecotourism, Environment Rules and Regulation, Kanishka Publication, Delhi, 2003.										
6	Prabhas Chandra, Global Ecotourism, Codes, Protocols and Charter, Kanishka Publication.Delhi, 2003.										

SECOND YEAR – SEMESTER - IV
SEC VII - CULTURAL TOURISM

Subject Code	Subject Name	Category	L	T	P	S	Credits	Inst. Hours	Marks		
									CIA	External	Total
206S4B	CULTURAL TOURISM	SEC					2	2	25	75	100
Course Objectives											
C1	To introduce students to cultural Tourism										
C2	To make them understand, uniqueness of Indian and Regional Culture										
C3	To familiarize the students with cultural legacy, family system, traditional hospitality and sports.										
UNIT	DETAILS										No. of Hours
I	Concept of Cultural Tourism – Cultural Heritage - Religious Festivals and Events – Kumbha Mela – Mahamaham -										15
II	Family System – Marriage Institutions – Hospitality – Family related rituals										15
III	Secular Tourism – Sports – Jallikattu – Boat race – Rekhla Race – Performing Arts										15
	Total										45
Course Outcomes									Programme Outcomes		
CO	On completion of this course, students will										
1	The students will come to know about the importance of the heritage tourism as potential for employment										PO1,PO2, PO5
2	Students gained wider knowledge on Indian culture and cultural system										PO2, PO3
3	Students have learnt the significance of Secular tourism										PO1, PO2

Text Book	
1	Gupta S.P , & Vijayakumar S. : Cultural Tourism in India
2	Niraj Agarwal : Tourism and Cultural Heritage of India, Aman Publications, Mumbai
3	Prem nath Dhar : Cultural and Heritage Tourism, Kanishka Publishers, New Delhi
4	Pradeep Kumar P.S &Anil Kumar .K ;Cultural Tourism in India, Aayu Publications, New Delhi

UNIVERSITY OF MADRAS
U.G. DEGREE COURSE

ENVIRONMENTAL STUDIES PROGRAMME
ABILITY ENHANCEMENT COMPULSORY COURSES
(AECC- Environmental Studies)

Syllabus with effect from the academic year 2018-2019
(i.e. for batch of candidates admitted to the course from the academic year 2017-18)

Credits: 2

II Year / III/IV Sem.

Unit 1: Introduction to Environmental Studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; concept of sustainability and sustainable development.

Unit 2 : Ecosystem (2 lectures)

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem:
Food chains, food webs and ecological succession, Case studies of the following ecosystem:
 - a) Forest ecosystem
 - b) Grassland ecosystem
 - c) Desert ecosystem
 - d) Aquatic ecosystem (ponds, stream, lakes, rivers, ocean, estuaries)

Unit 3: Natural Resources : Renewable and Non – renewable Resources (6 lectures)

- Land resources and land use change: Land degradation, soil erosion and desertification.
- Deforestation : Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over –exploitation of surface and ground water, floods, droughts, conflicts over water (international and inter-state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

Unit 4: Biodiversity and Conservation (8 lectures)

- Levels of biological diversity: genetics, species and ecosystem diversity, Biogeographic zones of India: Biodiversity patterns and global biodiversity hot spots
- India as a mega- biodiversity nation, Endangered and endemic species of India.
- Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildlife conflicts, biological invasions; Conservations of biodiversity: In-situ and Ex-situ Conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

Unit 5: Environmental Pollution (8 lectures)

- Environmental pollution: types, causes, effects and controls: Air, Water, soil and noise Pollution.
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste
- Pollution case studies.

UNIVERSITY OF MADRAS

U.G. DEGREE COURSE

Unit 6: Environmental Policies & Practices (8 lecturers)

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act, Air (Prevention & Control of Pollution) Act; Water (Prevention and Control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human Wildlife conflicts in Indian context.

Unit 7: Human Communities and the Environment (7 lectures)

- Human population growth, impacts on environment, human health and welfare.
- Resettlement and rehabilitation of projects affected persons; case studies.
- Disaster management: floods, earthquake, cyclone and landslides.
- Environmental movements : Chipko, Silent Valley, Bishnois of Rajasthan.
- Environmental ethics : Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies(e.g. CNG Vehicles in Delhi)

Unit 8 : Field Work (6 lectures)

- Visit to an area to document environmental assets: river / forest/ flora/ fauna etc.
- Visit to a local polluted site – Urban / Rural/ Industrial/ Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystem- pond, river, Delhi Ridge etc.

(Equal to 5 Lectures)

Suggested Readings:

1. Carson , R. 2002.Silent Spring, Houghton Mifflin Harcourt.
2. Gadgil , M.,& Guha, R. 1993.This Fissured Land: An Ecological History of India. Univ.of California Press.
3. Glesson, B. and Low, N.(eds.)1999. Global Ethics and Environment, London, Routledge.
4. Gleick,P.H.1993.Water Crisis. Pacific Institute for Studies in Dev.,Environment & Security. Stockholm Env.Institute, Oxford Univ.Press.
5. Groom, Martha J., Gary K.Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates,2006.
6. Grumbine,R.Edward, and Pandit,M.K2013.Threats from India's Himalayas dams .Science,339:36-37
7. McCully,P.1996.Rivers no more :the environmental effects of dams(pp.29-64).Zed books.
8. McNeill,John R.2000.Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum,E.P.,Odum, H.T.& Andrees,J.1971.Fundamental of Ecology. Philadelphia Saunders.
10. Pepper,I.L.,Gerba,C.P & Brusseau,M.L.2011.Environmental and Pollution Science. Academic Press.
11. Rao,M.N.& Datta,A.K1987.Waste Water Treatment. Oxford and IBH Publishing Co.Pvt.Ltd.
12. Raven,P.H.,Hassenzahl,D.M & Berg,L.R.2012 Environment.8th edition. John Willey & sons.

UNIVERSITY OF MADRAS
U.G. DEGREE COURSE

13. Rosencranz, A., Divan,S.,& Noble, M.L.2001.Environmental law and policy in India. Tirupathi 1992.
14. Sengupta,R.2003.Ecology and Economics: An approach to sustainable development.OUP
15. Singh,J.S.,Singh,S.P and Gupta,S.R.2014.Ecology,Environmental Science and Conservation. S.Chand Publishing, New Delhi.
16. Sodhi,N.S.,Gibson,L.&Raven ,P.H(eds).2013.Conservation Biology :Voices from the Tropics. John Willey & Sons.
17. Thapar,V.1998.Land of the Tiger: A Natural History of the Indian Subcontinent.
18. Warren,C.E.1971.Biology and water Pollution Control. WB Saunders.
19. Willson,E.O.2006. The Creation: An appeal to save life on earth..New York: Norton.
20. World Commission on Environment and Development.1987.Our Common Future. Oxford University Press.
