

**ENVIRONMENT
STUDIES**

2015-16

Verified by IQAC EMEA-2019

SYLLABUS

COURSE: CERTIFICATE COURSE IN ENVIRONMENT STUDIES

Course Code: EVS 01

Total Contact Hours: 60

Summative Evaluation: 30 Marks

Continuous Evaluation: 10 Marks

Course Outcome

1. Understand core concepts in environmental studies.
2. Appreciate the links between human and natural systems.
3. Appreciate the context of environmental issues
4. Appreciate the uniqueness of Western Ghats region
5. Understand biodiversity

Module 1: Environment (contact Hours: 10)

- 1.1 Meaning, constituents and types
- 1.2 Man and environment : Determinism, Possibilism and Ecological

Approaches

- 1.3 The need for environmental studies

Module 2: Biodiversity (contact Hours: 10)

- 2.1 Definition, concept and values of bio diversity
- 2.2 Biodiversity of Kerala- Western Ghats as a hotspot of bio diversity
- 2.3 Threats to Biodiversity(Habitat loss, man-wild life conflicts)

Module 3: Conservation (contact Hours: 10)

- 3.1 Meaning, methods and importance
- 3.2 Conservation and Forest department
- 3.3 Forest Resources: Uses and exploitation of forests

Module 4: Field Work (30 Hours)

All students are required to undertake the following field/practical work

- 4.1 Visit to a western Ghats area to identify and document assets/ecosystem-rivers/forest/grassland/mountain area(8 marks)
- 4.2 To participate in environment protection drive(2 marks)

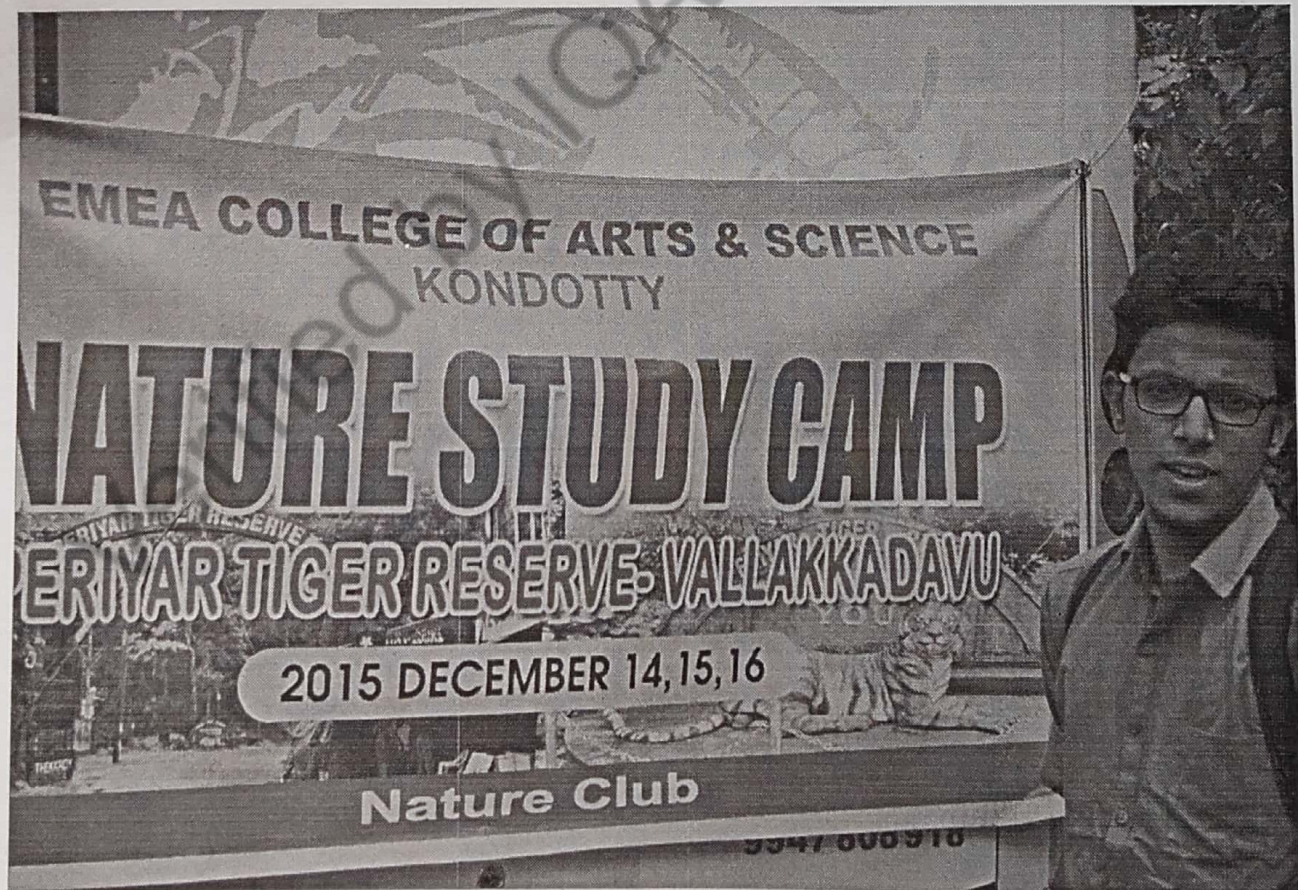
Reference

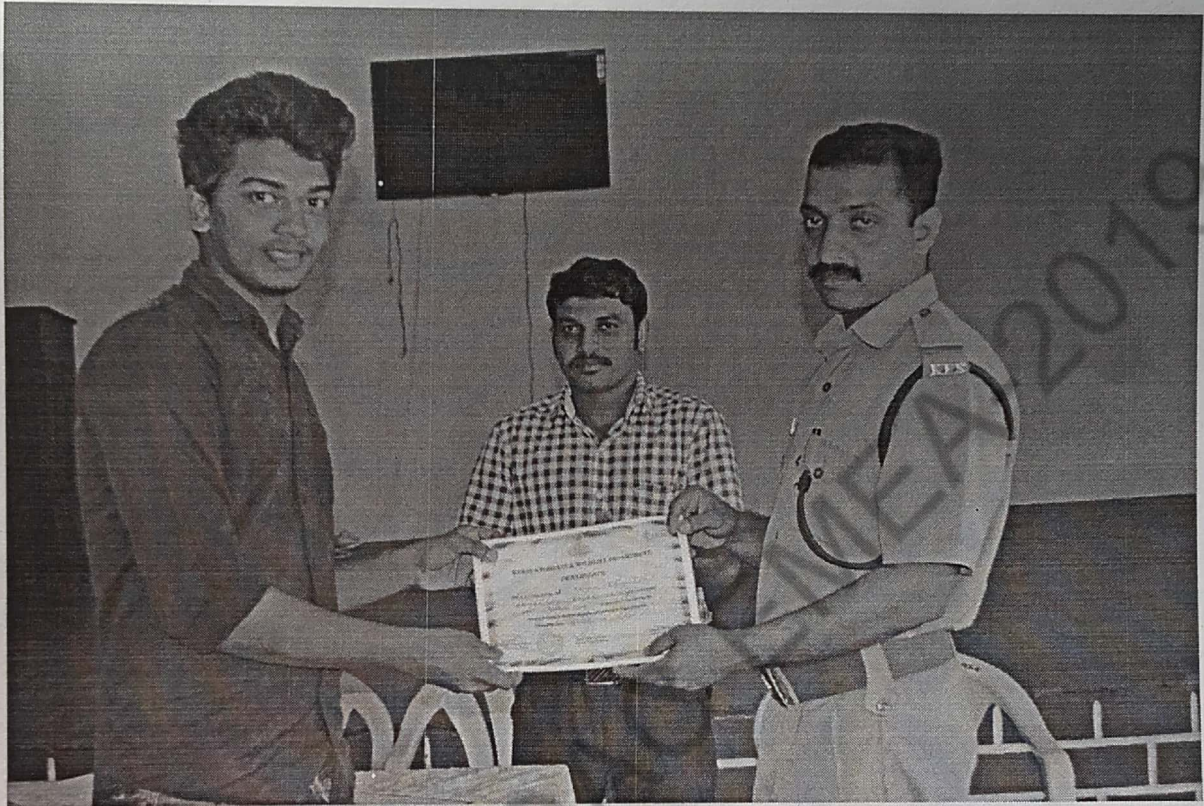
NATURE CAMP AT PERIYAR TIGER RESERVE-SCHEDULE

DATE	TIME	PLACE
13-12-2015(SUNDAY)	9.30 pm	KONDOTTY
14-12-2015(MONDAY)	6.00 am	KUMALI
	9.15.00am	TEKKADY BOATING
	11.00am	GUDALLUR (KAMBAM –TENI ROUT)
Camp starts at 4 Pm and ends on 16-12-2015 At 10 am		
16-10-2015	4 PM	WAGOMON
	7.30pm	DINNER AT KOTTATTUKULAM
17-12-2015	5.30am	KONDOTTY

Attendance of participants

SI NO	NAME	M	08-10-2015	13-12-2015	14-12-2015	15-12-2015
1	MOHAMMED SHAFEEQUE		X	X	X	X
2	ASHIF	"	X	X	X	X
3	ABDU RAHEEM	"	X	X	X	X
4	RAHEEM	"	X	X	X	X
5	HAKEEM	"	X	X	X	X
6	ASHKAR ALI,K	"	X	X	X	X
7	RAMEES, KC	"	X	X	X	X
8	AJMAL	"	X	X	X	X
9	SAFWAN,PV	"	X	X	X	X
10	VAISNAV	"	X	X	X	X
11	MUBASHIR.K	"	X	X	X	X
12	SAHEER ANAZ,TV	"	X	X	X	X
13	REBI, EM	"	X	X	X	X
14	SHAHBAS AHMAN, CP	"	X	X	X	X
15	MOHAMMED JAWID, TK	"	X	X	X	X
16	MOHAMMED JALEES	"	X	X	X	X
17	NASEEL, MC	"	X	X	X	X
18	MIDLAJ,V	"	X	X	X	X
19	MOHAMMED THAHIR, MK	"	X	X	X	X
20	RAMEES	"	X	X	X	X
21	SHEMIL, P	"	X	X	X	X
22	NASEEF ASLAM,P	"	X	X	X	X
23	ABOBACKER NASEEF, KP	"	X	X	X	X
24	MOHAMMED RAEES, PA	"	X	X	X	X
25	ASHFAK	"	X	X	X	X
26	AKHEEL RAMEES, KP	"	X	X	X	X
27	JUNAID,	"	X	X	X	X
28	ISMAIL	"	X	X	X	X
29	MASHBOOB	"	X	X	X	X
30	SAMEER, K	"	X	X	X	X





COURSE: CERTIFICATE COURSE IN ENVIRONMENT STUDIES

QUESTION PAPER

Time: 30 minutes

Maximum: 30 marks

Answer all questions in not exceeding 100 words. Each question carries 2 marks

1. In china animal which is kept in reserve to save from being extinct is
 - a) panda
 - b) ostrich
 - c) peacock
 - d) dodo

2. Chipco movement is a public agitation that occurred in
 - a) Mansbal area in Kashmir
 - b) Silent valley in Kerala
 - c) Sundarban area in Bengal
 - d) Tehri Garhwal area of Uttar Pradesh

3. Man made sources of radiation pollution are:
 - a) mining
 - b) explosion of nuclear weapons
 - c) nuclear fuels and preparation of radioactive isotopes
 - d) all of these

4. Which of the following statements regarding species interdependence are true?
 - A. An association of two species where one is benefitted and other remains unaffected called mutualism
 - B. An interspecific association where both partners derive benefit from each other is called commensalism
 - C. A direct food relation between two species of animals in which one animals kills and feed on another is referred as predation
 - D. A relationship between two species of organism where both the partners are benefitted from each other is called symbiosis.
 - a) A and B only
 - b) C and D only

- c) A and C only
- d) B and C only
- e) B and D only

5. Reduce, reuse and recycle can conserve our

- a) environment
- b) food
- c) climate
- d) oxygen

6. Which one of the following was launched in 1973 ?

- a) Project Tiger
- b) Indian Forest Act
- c) Project Elephant
- d) Wildlife Protection Act

7. Which type of power plant releases radioactive materials as well as toxic metals such as lead and arsenic under normal operating conditions?

- a) Nuclear power plant
- b) Hydro-electric plant
- c) Solar power plant
- d) Thermal power plant

8. Which of the following areas in India are known as hotspot of biodiversity?

- a) Sunderbans Deltas
- b) Western Ghats
- c) Eastern Ghats
- d) Gangetic Plain

9. Which national park is famous for having Great Indian one Horned Rhino?

- a) Raja ji National Park
- b) Jim Corbet National Park
- c) Bandipur National Park
- d) Kajiranga National Park

10. Which of the following is the natural habitat of the Indian lion?

- a) Gir forest
- b) Sunderban delta
- c) Okhla Park
- d) None of the above

11. Which among the following is the upper limit of sound advice of Central Pollution Control Board (CPCB) for residential areas?

- a) 55 Decibels
- b) 60 Decibels

- c) 75 Decibels
- d) 90 Decibels

12. The 'Red Data Book' is the documentation of rare and endangered species belonging to which of the following?

- 1) Animals 2) Plants 3) Fungi

Select the correct option from the codes given below:

- a) Only 1
- b) 1 and 2
- c) 2 and 3
- d) 1, 2 and 3

13. The Mahesh Rangrajan Committee has recommended the amendment of the Wild Life Protection Act for which among the following purposes?

- a) To give legislative protection to Elephant Reserves
- b) To set up National Elephants Conservation Authority (NECA)
- c) To establish Elephant Corri
- d) All of above

14. India's first National Centre for Marine Bio-diversity (NCMB) is located in:

- a) Bhavnagar
- b) Jamnagar
- c) Mumbai
- d) Pondicherry

15. One greenhouse gas contributes 14% to total global warming and another contributes 6%. These are respectively identified as

- a) N₂O and CO₂
- b) CFCs and N₂O
- c) Methane and CO₂
- d) Methane and CFCs
- e) CFCs and CO₂



EMEA

COLLEGE OF ARTS & SCIENCE

AIDED BY GOVT. OF KERALA
AFFILIATED TO THE UNIVERSITY OF CALICUT
RE-ACCREDITED WITH A BY NAAC

NATURE CLUB

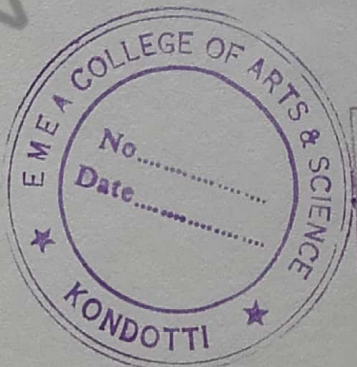
CERTIFICATE

This is to certify that Mr./Ms. MOHAMMED RAJES. P.A
of 1st Sem. B.Com.....has successfully completed the Certificate Course in
Environment Studies (Course Duration- Sixty Hours) conducted by Nature Club
during the academic year 2015.-16

Course Co-Ordinator

Principal

PRINCIPAL
EMEA COLLEGE OF ARTS
& SCIENCE, KONDOTTI
MALAPPURAM DT. 673 638



Principal

EMEA COLLEGE OF ARTS AND SCIENCE
KUMMINIPARAMBA - PO, KONDOTTI
MALAPPURAM Dt. - 673638

