



MAHISHADAL RAJ COLLEGE

(Govt. Sponsored)

NAAC Accredited 'A' Grade College

DST (FIST) Govt. Of India approved College, NSDC Training Partner

Estd. : 1946

Mahishadal : Purba Medinipur

Phone STD 03224 No. 240220

Ref. No.....

Date:

ADD ON COURSE 2019-20

Organised by Department Zoology

Topic: Wildlife Ecology and Conservation

Add on course summary:

REPORT:

Name of the course- Wildlife Ecology and Conservation

Course coordinator: *Dr. Subhamoy Das*, (Associate Professor, HOD, Department of Zoology, Mahishadal Raj College)

Date of commencement: 03.09.2019

Date of completion: - 19.09.2019

Number of participant enrolled: 30

Total duration day: 15

Total duration hour: 30

Evaluation method: - Paper pen MCQ and practical field work

RESULT DETAILS:-

Number of student participate in this program: 30

Number of student completes this program: 28

Number of student got certificate in this program: 28

Name of the course: Wildlife Ecology and Conservation

Course coordinator: *Dr. Shubhamoy Das*, (Associate Professor, HOD, Department of Zoology, Mahishadal Raj College)



Wildlife Ecology and Conservation

✚ About the course:

Conserving the world's wildlife and protecting the planet are truly grand challenges and the motivation behind all that you will do with this major. This course focuses on student knowledge of the ecology, conservation, and management of wildlife and habitats for the economical, ecological, aesthetic, and recreational values. Conservation of biodiversity is one of the important themes of our course along with a blend of lectures, labs, and field trips.

✚ Learning outcomes:

Wildlife ecology and conservation is an ever-evolving field that not only captures the imagination of nature enthusiasts but also offers a multitude of career pathways. This course opens up various job opportunities in both the public and private sectors. Completion of this course, you have the job opportunity on field of wildlife biologist or ecologist, conservation scientist, park ranger or wildlife officer, environmental consultant, wildlife rehabilitation specialist, research scientist, environmental educator, wildlife manager, conservation planner, policy analyst, climate change specialist, and zoo or aquarium conservation specialist. Networking, gaining relevant experience through internships or volunteer work, and staying informed about current issues in wildlife conservation can enhance your chances of securing a rewarding career in this field.

✚ Target audience:

Any interested students (UG & PG), research scholars, faculty members and, Industrial personals.

✚ Course content overview:

Wildlife ecology is the science behind the practice of wildlife management that seeks to manage wildlife populations. Wildlife ecology began as applied science discipline during the 1920s and 1930s at the University of Wisconsin–Madison with the development of an academic program by Aldo Leopold. Wildlife ecology is the science behind the practice of wildlife management that seeks to manage wildlife populations for the benefit of humans. Although people enjoy viewing wildlife and hunting animals for food and fur, conflicts arise because wild animals kill livestock, cause vehicle collisions, and damage crops. Wildlife ecology has become progressively more quantitative, especially since the 1990s; even so, it still retains a strong orientation toward techniques with an emphasis on statistical methods rather than ecological principles. In the early 1980s the discipline of conservation biology emerged mainly because wildlife ecology was slow to embrace modern ecological theory and broader concerns for the preservation of biodiversity. Since then, however, wildlife ecology has converged as essentially a sub discipline of conservation biology focused largely on the applied ecology and management of wild populations of birds and mammals.



✚ **Schedule:** Total 30 hours

DAY	SCHEDULE
Day 1	Introduction to wildlife, ecology and conservation (2 hours)
Day 2	Ecological structure and interactions (2 hours)
Day 3	Population and community ecology (2 hours)
Day 4	Distribution and abundance (2 hours)
Day 5	Human Ecology (2 hours)
Day 6	Applied ecology (2 hours)
Day 7	Monitoring wild animals (2 hours)
Day 8	Monitoring and managing habitat (2 hours)
Day 9	Management of wildlife diseases (2 hours)
Day 10	Capturing and restraining wild animals (2 hours)
Day 11	Conservation genetics (2 hours)
Day 12	Ex-situ conservation (2 hours)
Day 13	Field trip (Terrestrial Ecology). (2 hours)
Day 14	Field trip (Aquatic Ecology). (2 hours)
Day 15	Doubts clear and Discussion

✚ **Detail Work Schedule**

Date	Day	Contents	Time	Duration	Experts	Designation
03.09.19	1	Introduction to wildlife, ecology and conservation	12 to 2pm	2	Dr. Subhamoy Das	HOD DEP. of ZOOLOGY
04.09.19	2	Ecological structure and interactions	1 to 3 pm	2	Prof. Sagnik Mandal	SACT Mahishadal Raj College
05.09.19	3	Population and community ecology	3 to 5pm	2	Prof. Moumita Jana	SACT Mahishadal Raj College
06.09.19	4	Distribution and abundance	03 to 05pm	2	Prof. Saheli Maiti	SACT Mahishadal Raj College
07.09.19	5	Human Ecology	02 to 04pm	2	Prof. Manik Das	SACT Mahishadal Raj College
09.09.19	6	Applied ecology	01 to 03pm	2	Dr Rajkumar Guchhait	SACT Mahishadal Raj College
10.09.19	7	Monitoring wild animals	03 to 05pm	2	Prof. Sagnik Mandal	SACT Mahishadal Raj College
11.09.19	8	Monitoring and managing habitat	02 to 04pm	2	Prof. Moumita Jana	SACT Mahishadal Raj College
12.09.19	9	Management of wildlife diseases	02 to 04pm	2	Prof. Saheli Maiti	SACT Mahishadal Raj College



13.09.19	10	Capturing and restraining wild animals	01 to 03pm	2	Prof. Manik Das	SACT Mahishadal Raj College
14.09.19	11	Conservation genetics	02 to 04pm	2	Dr. Subhamoy Das	HOD DEP. of ZOOLOGY
16.09.19	12	Ex-situ conservation	02 to 04pm	2	Dr. Subhamoy Das	HOD DEP. of ZOOLOGY
17.09.19	13	Field trip (Terrestrial Ecology)	01 to 03pm	2	Dr. Subhamoy Das, Prof. Moumita jana, Prof. Soheli Jana, Prof. Manik Das	HOD DEP. of ZOOLOGY, SACT Mahishadal Raj College
18.09.19	14	Field trip (Aquatic Ecology)	01 to 03pm	2	Dr. Subhamoy Das, Dr. Rajkumar Guchhait, Prof. Sagnik Mandal	HOD DEP. of ZOOLOGY, SACT Mahishadal Raj College
19.09.19	15	Evaluation, valediction, Discussion	12 to 2 pm	2	Dr. Subhamoy Das, Prof. Moumita jana, Prof. Soheli Jana, Prof. Manik Das, Dr. Rajkumar Guchhait, Prof. Sagnik Mandal.	HOD DEP. of ZOOLOGY, SACT Mahishadal Raj College
				30 hours		

✚ **Course structure and examination scheme:**

Course name	Theory classes (hr.)	Practical Classes (hr.)	Internal Marks	External Marks			Total Marks
				Theory	Practical	Field report	
Wildlife Ecology and Conservation	20	10	20	50	20	10	100



✚ Participant's Details and attendance:

Enrolment Details of Students

Sl. No.	Student ID	Roll No.	Name
1.	B.Sc/18/0055	2180055	PRANTIK MALLIK
2.	B.Sc/18/0056	2180056	AVIJIT MAITY
3.	B.Sc/18/0057	2180057	SUKDEV BHUNIA
4.	B.Sc/18/0058	2180058	PRITHA MANNA
5.	B.Sc/18/0059	2180059	SUBHADIP GHATI
6.	B.Sc/18/0060	2180060	DEBANJAN GHORAI
7.	B.Sc/18/0061	2180061	PRABIR CHANDRA SAHOO
8.	B.Sc/18/0062	2180062	SOUGATA PAUL
9.	B.Sc/18/0063	2180063	APARNA MAITY
10.	B.Sc/18/0064	2180064	SURAJIT SASMAL
11.	B.Sc/18/0065	2180065	SUBHAM DAS
12.	B.Sc/18/0066	2180066	ARUPA SAMANTA
13.	B.Sc/18/0068	2180068	DIBYENDU DASADHIKARY
14.	B.Sc/18/0069	2180069	ARIJITA MAL
15.	B.Sc/18/0070	2180070	SUBHANKAR DHARA
16.	B.Sc/18/0073	2180073	ANUPAM DAS
17.	B.Sc/18/0075	2180075	MADHUMITA SAMANTA
18.	B.Sc/18/0076	2180076	SANTANU MONDAL
19.	B.Sc/18/0079	2180079	SK SAHENZA
20.	B.Sc/18/0080	2180080	ADITI SAMANTA
21.	B.Sc/18/0081	2180081	AVISHEK GHORAI
22.	B.Sc/18/0084	2180084	SWAGATA DAS BAYEN
23.	B.Sc/18/0085	2180085	MOUMITA DAS
24.	B.Sc/18/0086	2180086	SANGITA SAU
25.	B.Sc/18/0087	2180087	PARTHA PRATIM SINGHA
26.	B.Sc/18/0088	2180088	REEYA GANTAIT
27.	B.Sc/18/0090	2180090	SOURAV BARMAN
28.	B.Sc/18/0092	2180092	KRITI KUSHAL DAS
29.	B.Sc/18/0094	2180094	SOURAV MAJI
30.	B.Sc/18/0096	2180096	ABHINABA JANA



Sample Question of Examination





✚ **SAMPLE CERTIFICATE OF COURSE COMPLETION**





CERTIFICATE OF COURSE COMPLETION

THIS IS TO CERTIFY THAT

PRANTIK MALLIK

has successfully completed the **Add-on Course** on Wildlife Ecology and Conservation held during 2019-2020 academic year at Mahishadal Raj College.


Course Co-ordinator


IQAC Co-ordinator


Principal





CERTIFICATE OF COURSE COMPLETION

THIS IS TO CERTIFY THAT

KRITI KUSHAL DAS

has successfully completed the **Add-on Course** on Wildlife Ecology and Conservation held during 2019-2020 academic year at Mahishadal Raj College.


Course Co-ordinator


IQAC Co-ordinator


Principal