

DEPARTMENT OF
ZOOLOGY
RAJIV GANDHI UNIVERSITY

NO.RGU.ZOO.HOD.OPEN

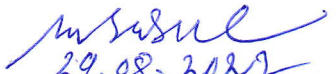
Dated: 29/07/2022

NOTIFICATION

It is to notify that Department of Zoology will offer the following Open Elective Course to 3rd Semester PG students under Choice Based Credit System (CBCS) of Rajiv Gandhi University for the academic session 2022-23 .Therefore, all the interested students of 3rd semester are hereby advised to apply in proper format on or before **08th August (Monday) 2022.**


Course Code & Title: ZOEOO -505: Ecology and Biodiversity.

The content of the above course and application form for open elective course is given below as annexure –I & II respectively.


29.08.2022
Head i/c
Deptt. of Zoology
Department of Zoology
Rajiv Gandhi University
Itanagar-791112

Copy to:

1. The Dy. Registrar (Academic),RGU for information please
2. The System Analyst, RGU with a request to upload the notification in the University.
3. All the Heads of the Department for information and necessary action.
4. Office copy


Head i/c
Deptt. of Zoology

RAJIV GANDHI UNIVERSITY

Rono Hills, Doimukh-791112

Arunachal Pradesh, India

Application Form for Registration for Open Elective Courses

1. Name of Student.....
2. Name of Department/Institute.....
3. Dept.Roll Number.....Semester.....
4. RGU Registration Number.....
5. Total marks (%): 1st Semester..... 2nd Semester.....
6. Mobile number
7. Open Elective Course with Code.....

Signature of student

Name:

Signature of the Student Advisor

Signature of HOD with Seal

Accepted/Not Accepted

Signature of the HOD/Institute (with Seal)
Offering the Open Elective Course

Copy:

- 1 : To be submitted to Head, Parents Department
2. To the Department where students is applying for Open Elective Course.

ELECTIVE OPEN COURSES
PAPER CODES: ZOOEO-505

SEMESTER III

ZOOEO-505: Ecology and Biodiversity

Total marks: 80+20=100

End semester examination =80

Credit = 04

Internal Assessment = 20

UNIT 1. Ecosystem ecology

Concept of ecosystem, ecosystem structure

Kinds of ecosystem, Energy flow

Productivity in ecosystem

Ecosystem services

Valuation of ecosystem

Unit 2. Fundamentals of biodiversity.

Concept of Biodiversity, level of biodiversity, Biodiversity hotspot

Biodiversity of the world, Eastern Himalayan Biodiversity hotspot

Threats to biodiversity, values of biodiversity.

IUCN red list categories and criteria, Red data book.

Unit 3. Basic of wildlife biology

Concept of wild life, wildlife of India

Threats to wildlife, threatened wildlife of India

Values of wildlife Conservation strategies of wildlife

Protected area network in Arunachal Pradesh

Unit 4. Environmental law and organisation

IUCN, WWF, UNCBD and CITES

Biological diversity Act 2002

Wild life protection Act 1972

Environmental Protection Act, 1986

EIA, Dams in Arunachal Prade