



THE ASSAM
ROYAL GLOBAL UNIVERSITY
GUWAHATI

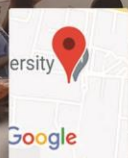
CRITERION 1

CURRICULAR ASPECTS

METRIC NO.
1.3.3

B. Sc. (H) Zoology

Field Work / Research Project / Internship



Guwahati, Assam, India
4P6F+QH7, Royal Path, Betkuchi, AHOM GAON, Guwahati, Assam
781040, India
Lat 26.112206°
Long 91.72404°
29/12/22 10:22 AM GMT +05:30

A STUDY ON
**THE IMPACT OF COVID-19 ON THE HARDWORKING LOWER
INCOME STRATA OF PEOPLE IN GUWAHATI CITY**

A REPORT SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE DEGREE OF GRADUATION IN ZOOLOGY
OFFERED BY
ROYAL SCHOOL OF LIFE SCIENCES,
THE ASSAM ROYAL GLOBAL UNIVERSITY



ROYAL GLOBAL UNIVERSITY
— GUAHATI —

SUBMITTED BY
NAME: DIGHA PHUKAN
REGISTRATION NO: 1190543
ROLL NO: 192142006

ACADEMIC PROJECT GUIDE:
Dr. SUSMITA DEY (HEAD OF THE DEPARTMENT, ZOOLOGY)
ANURUDHA CHAKRABORTY

CERTIFICATE OF EXAMINER

This is to certify that the project submitted by DIGHA PHUKAN, student of B.Sc. 6th semester entitled **“THE IMPACT OF COVID-19 ON THE HARDWORKING LOWER INCOME STRATA OF PEOPLE IN GUWAHATI CITY”** to the Department of Zoology, Royal School Of Life Sciences, The Assam Royal Global University, in the partial fulfilment for the award of the Degree of Bachelors in Science in Zoology has been examined by us and found to be satisfactory.

The committee recommends for the award of the degree of B.Sc. in Zoology .

Co-Supervisor: *Amindha Chakraborty*

External Examiner: *Puja Bishaya*

Date: 22-7-22 .

Date: 22/7/2022.

S. Dey
22/07/22

Head Of The Department

The Assam Royal Global University,

Date:

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

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THE ASSAM ROYAL GLOBAL UNIVERSITY



ROYAL GLOBAL UNIVERSITY
— GUWAHATI —

SUBMITTED BY

NAME: ANSHUMAN CHANGKAKOTI

REGISTRATION NO: 1190540

ROLL NO: 192142002

ACADEMIC PROJECT GUIDE:

Dr. SUSMITA DEY (HEAD OF THE DEPARTMENT, ZOOLOGY)

ANURUDHA CHAKRABORTY

CERTIFICATE OF EXAMINER

This is to certify that the project submitted by ANSHUMAN CHANGKAKOTI, student of B.Sc. 6th semester entitled "THE IMPACT OF COVID-19 ON THE HARDWORKING LOWER INCOME STRATA OF PEOPLE IN GUWAHATI CITY" to the Department of Zoology, Royal School Of Life Sciences, The Assam Royal Global University, in the partial fulfilment for the award of the Degree of Bachelors in Science in Zoology has been examined by us and found to be satisfactory.

The committee recommends for the award of the degree of B.Sc. in Zoology .

Co-Supervisor: *Arindha Chakraborty*

B
22/7/22
Puja Bishaya
External Examiner:

Date: *22/07/22*

Date: *22/7/22*

[Signature]
22/07/22
Head Of The Department

The Assam Royal Global University,

Date:

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

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THE ASSAM ROYAL GLOBAL UNIVERSITY



ROYAL GLOBAL UNIVERSITY
GUWAHATI

SUBMITTED BY
NAME: GEETARTHA PRATIM DEY

REGISTRATION NO: 1190545

ROLL NO: 192142008

ACADEMIC PROJECT GUIDE:
Dr. SUSMITA DEY (HEAD OF THE DEPARTMENT, ZOOLOGY)
ANURUDHA CHAKRABORTY

CERTIFICATE OF EXAMINER

This is to certify that the project submitted by GEETARTHA PRATIM DEY, student of B.Sc. 6th semester entitled “THE IMPACT OF COVID-19 ON THE HARDWORKING LOWER INCOME STRATA OF PEOPLE IN GUWAHATI CITY” to the Department of Zoology, Royal School Of Life Sciences, The Assam Royal Global University, in the partial fulfilment for the award of the Degree of Bachelors in Science in Zoology has been examined by us and found to be satisfactory.

The committee recommends for the award of the degree of B.Sc. in Zoology .

Supervisor: *Anindha Chakraborty*

External Examiner: *PB*

22/7/2022

Date: *22-7-22* .

Date:

Devi
22/07/22

Head Of The Department

The Assam Royal Global University,

Date:

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

A STUDY ON
THE IMPACT OF COVID-19 ON THE HARDWORKING LOWER
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A REPORT SUBMITTED IN PARTIAL FULFILMENT OF THE
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OFFERED BY
ROYAL SCHOOL OF LIFE SCIENCES,
THE ASSAM ROYAL GLOBAL UNIVERSITY



ROYAL GLOBAL UNIVERSITY
GUWAHATI

SUBMITTED BY

NAME: NIRUPAM ROY

REGISTRATION NO: 1190550

ROLL NO: 192142013

ACADEMIC PROJECT GUIDE:

Dr. SUSMITA DEY (HEAD OF THE DEPARTMENT, ZOOLOGY)
ANURUDHA CHAKRABORTY

CERTIFICATE OF EXAMINER

This is to certify that the project submitted by NIRUPAM ROY, student of B.Sc. 6th semester entitled “THE IMPACT OF COVID-19 ON THE HARDWORKING LOWER INCOME STRATA OF PEOPLE IN GUWAHATI CITY” to the Department of Zoology, Royal School Of Life Sciences, The Assam Royal Global University, in the partial fulfilment for the award of the Degree of Bachelors in Science in Zoology has been examined by us and found to be satisfactory.

The committee recommends for the award of the degree of B.Sc. in Zoology .

Supervisor: *Arvindha Chakraborty*

External Examiner: *Priya Bishaya*

Date: *22/07/22*

Date: *22/07/2022*

[Signature]
22/07/22

Head Of The Department

The Assam Royal Global University,

Date:

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

A STUDY ON
IDENTIFICATION OF
GASTROPOD MOLLUSCS OF DEEPOR BEEL AND TO DETERMINE THE
MOISTURE CONTENT AND OBSERVE THE CHANGES IN CRAWLING SPEED IN
SELECTED MOLLUSCS SPECIES.

A REPORT SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
BACHELORS IN SCIENCE IN
ZOOLOGY

OFFERED BY
ROYAL SCHOOL OF LIFE SCIENCES, THE ASSAM ROYAL GLOBAL
UNIVERSITY



ROYAL GLOBAL UNIVERSITY
— GUWAHATI —

SUBMITTED BY:

NIDHI MEDHI

REGISTRATION No.: 1190549

ROLL No.: 192142012

RSLSC(ZOOLOGY)

ACADEMIC PROJECT GUIDE:

Dr. SUSMITA DEY (HEAD OF DEPARTMENT, ZOOLOGY)

Dr. NIJIRA BRAHMA (ASSISTANT PROFESSOR, ZOOLOGY)

CERTIFICATE OF EXAMINER

This is to certify that the dissertation submitted by Nidhi Medhi, student of B.Sc. 6th semester, entitled "Identification of gastropod molluscs of Deepor Beel and to determine the moisture content and observe the changes in crawling speed in selected molluscs species" to the Department of Zoology, Royal School of Life Sciences, The Assam Royal Global University, in the partial fulfillment for the award of the Degree of Bachelors in Science in Zoology has been examined by us and found to be satisfactory.

The committee recommends for the award of the degree of B.Sc. in Zoology.

Supervisor:

Date:

S. Dey
22/07/22

22/7/22.
Puja Bishtaya.
External Examiner:

Date: 22/7/2022

~~Coordinator:~~

HOD:

S. Dey
22/07/22

Department of Zoology

The Assam Royal Global University

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

A study on
AN ASSESSMENT OF DIVERSITY AND SEASONAL VARIATION OF
BUTTERFLY FAUNA IN FEW SITES OF GUWAHATI W.R.T THE ASSAM
ROYAL GLOBAL UNIVERSITY AND ITS VICINITY, ASSAM

A Report submitted in partial fulfilment of the requirements for the degree of

Bachelor of Science

Offered by

Royal School of Life Sciences

submitted by:

Name: Dipanwita Chakraborty

Registration No.: 1200570

Roll No.: 202142006

Dr.
19/06/2023

Academic project guide:

Name: Dr. Annu Kumari

Designation: Teaching Assistant

Deb.
19-06-23

Academic project co-guide:

Name: Dr. Mitrajit Deb

Designation: Assistant Professor

CERTIFICATE


This is to certify that the project work entitled “An assessment of diversity and seasonal variation of butterfly fauna in few sites of Guwahati w.r.t The Assam Royal Global University and its vicinity, Assam” is submitted by Dipanwita Chakraborty, a student of Zoology Department under Royal School of Life Sciences at The Assam Royal Global University in partial fulfilment of the requirements for the degree of Bachelor of Science, Zoology. This project was an authentic work done by her under our supervision and guidance.


19/06/2023

Academic project guide:

Name: Dr. Annu Kumari

Designation: Teaching Assistant


19-06-23

Academic project co-guide:

Name: Dr. Mitrajit Deb

Designation: Assistant Professor

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

A Study on

ACCESSING THE DIVERSITY OF ANTS IN THREE SITES OF KAMRUP (METRO)

A Report submitted for partial fulfilment of the requirements for the degree of

Bachelor of Science in Zoology

Offered by:

Royal School of Life Sciences

submitted by:

Name: Asif Ahmed

Registration No: 1200578

Roll No: 2021420


19/06/2023

Academic Supervisor:

Name: Dr. Annu Kumari

Designation: Teaching Assistant


Examined
19/6/23



Academic co-supervisor:

Name: Dr. Mitrajit Deb

Designation: Assistant
Professor

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

CERTIFICATE

This is to certify that Asif Ahmed roll no 202142004, a student of BSc Zoology 6th semester successfully completed the project on the topic Diversity of Ants in few sites of Kamrup (Metro) under the guidance of Dr. Annu Kumari and Dr. Mitrajit Deb. This project was an authentic work done by him under my supervision and guidance.



19/06/2023

Signature of the Supervisor

Name : Dr. Annu
Kumari

Designation : Teaching
Assistant



Signature of Co-Supervisor

Name : Dr. Mitrajit Deb
Designation : Assistant
Professor

A study on
**AN ASSESMENT OF DIVERSITY AND SPECIES-RICHNESS OF
BUTTERFLY FAUNA IN FEW SITES OF GUWAHATI W.R.T., THE
NILACHAL HILLS, ASSAM**

A Report submitted in partial fulfilment of the requirements for the degree of
Bachelor of Science, Zoology

Offered by
Royal School of Life Sciences

submitted by:

Name: Anjali Jha

Registration No.: 1200565

Roll No.: 202142001



19/04/2023

Academic project supervisor:

Name: Dr. Annu Kumari

Designation: Teaching Assistant,

Department of Zoology, RGU



Academic project co-supervisor:

Name: Dr. Mitrajit Deb

Designation: Coordinator,

Department of Zoology, RGU

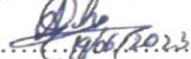
CERTIFICATE

This is to certify that the project work entitled “An assesment of diversity and species-richness of butterfly fauna in few sites of Guwahati w.r.t., The Nilachal Hills, Assam” is submitted by Anjali Jha at The Assam Royal Global University in partial fulfilment of the requirements for the degree of Bachelor of Science, Zoology.

The project work is original and the fact and findings submitted in the report are entirely the work of the student.

This project was an authentic work done by her under our supervision and guidance.

Project Guide:


.....

Dr. Annu Kumari


Department of Zoology

Royal School of Life Sciences

The Assam Royal Global University

Guwahati, Assam- 781035

Head of the Department:


.....

Dr. Mitrajit Deb

Department of Zoology

Royal School of Life Sciences

The Assam Royal Global University

Guwahati, Assam- 781035

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
ii The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035

A study on
**DIVERSITY OF BUTTERFLY IN DEEPOR BEEL, GUWAHATI,
KAMRUP (M), ASSAM**

A Report submitted in partial fulfilment of the requirements for the degree of
Bachelor of Science, Zoology

Under



THE ASSAM

ROYAL GLOBAL UNIVERSITY

Submitted by:

Name: Anjan Chetry

School: Royal School of Life Sciences

Department: Zoology

Programme: Bachelor of Science

Registration No.: 1200566

Roll No: 202142002

Examined
19/6/23

CERTIFICATE

I would like to certify that the project work entitled “A study on diversity of butterfly in Deepor Beel, Guwahati, Kamrup (M), Assam, India” under our guidance and supervision is bona fide work by, Anjan Chetry Roll No. 202142002, Registration No. 1200566, B.Sc. Zoology 6th Semester, Royal School of Life Sciences. This report is carried out in partial fulfillment of B.Sc. course of Royal Global University.

The project work is original and the fact and findings submitted in the report are entirely the work of the student.

This project report is the record of authentic work carried out by him during the period from 2022 to 2023.

He has worked under the guidance of Dr. Utsab Singha.

Project Guide:

Utsab Singha

Dr. Utsab Singha

Department of Zoology

Royal School of Life Sciences

The Assam Royal Global University

Guwahati, Assam- 781035

Head of the Department:

Deb

Dr. Mitrajit Deb

Department of Zoology

Royal School of Life Sciences

The Assam Royal Global University

Guwahati, Assam- 781035

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035


A study on
**AN ASSESMENT OF DIVERSITY AND SPECIES-RICHNESS OF
BUTTERFLY FAUNA IN FEW SITES OF GUWAHATI W.R.T
GARBHANGA, ASSAM**

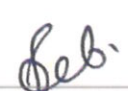
A Report submitted in partial fulfilment of the requirements for the degree of

Offered by
Royal School of Life Sciences

submitted by:

Name: Disha Agarwal
Registration No.: 1200571
Roll No.: 202142007


Academic project supervisor:
Name: Annu Kumari
Designation: Teaching Assistant,
Department of Zoology, RGU


Academic project co-supervisor:
Name: Dr. Mitrajit Deb
Designation: Coordinator,
Department of Zoology, RGU

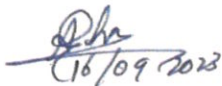

Examined
of 19/6/23.

CERTIFICATE

This is to certify that the project work entitled “An assessment of diversity and species-richness of butterfly fauna in few sites of Guwahati w.r.t Garbhanga, Assam” is submitted by Disha Agarwal at The Assam Royal Global University in partial fulfilment of the requirements for the degree of Bachelor of Science, Zoology.

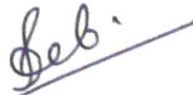
The project work is original and the fact and findings submitted in the report are entirely the work of the student.

This project was an authentic work done by her under our supervision and guidance.


16/09/2023

Project Guide:

Dr. Annu Kumari
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Guwahati, Assam- 781035



Head of the Department:

Dr. Mitrajit Deb
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Guwahati, Assam- 781035

HOD/Coordinator
Department of Zoology
Royal School of Life Sciences
The Assam Royal Global University
Betkuchi, NH 37, Guwahati 781035