

ZOOLOGY, PROJECT REPORT ON PAPER ZOO, ZooMP-605, 6th Semester

Program Name	Program Code	Name of the Course that includes experimental learning through project work/field work/internships	Course Code	Year of Offering	Name of the Student studied course on experimental learning through project work/field work/internships	Marks	Project Title
B.Sc. Zoology (Honours)	6 th Sem NON-CBCS (H)	Project Work	ZooMP-605(NON-CBCS)	2021	Priyomtrishna Gogoi	15	Project Report on "Developmental Defects in Chick Embryo"
B.Sc. Zoology (Honours)	6 th Sem NON-CBCS (H)	Project Work	ZooMP-605(NON-CBCS)	2021	Gandhi Chetry	14	Project Report on "Length-weight relationship of Fish"
B.Sc. Zoology (Honours)	6 th Sem NON-CBCS (H)	Project Work	ZooMP-605(NON-CBCS)	2021	Jahir Hussain	14	"A project Report on Physio-chemical parameters of Dikhow and Disang River in Sivasagar, Assam"
B.Sc. Zoology (Honours)	6 th Sem NON-CBCS (H)	Project Work	ZooMP-605(NON-CBCS)	2021	Parishmita Nath	13	"A project Report on Physio-chemical parameters of Dikhow and Disang River in Sivasagar, Assam"

B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Rahul Gogoi	14	"A project Report on Physio- chemical parameters of Dikhow and Disang River in Sivasagar, Assam"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Pragya Buragohain	15	"Project report on Length-Weight Relationship of Fish"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Protikha Borgohain	14	Project Report on Major Insect Pest of Tea"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Subhajit Borah	13	"A Project Report on Physio- chemical parameters of Dikhow and Disang River in Sivasagar, Assam"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Pronami Mech	14	"A Project Report on Physio- chemical parameters of Dikhow and Disang River in Sivasagar, Assam"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Debajit Gogoi	15	"Project report on Length-Weight Relationship of Fish"

B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Jintu Talukdar	14	“Project Report on Major Insect Pest of Tea”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Manjeet Neog	15	“Project Report on Developmental Defects in Chick Embryo”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Karabi Gogoi	14	“A Project Report on Ornamental Fishes in Sivasagar District”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Suraj Mirdha	10	“Project Report on Major Insect Pest of Tea”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Bishal Mout	14	“A Project Report on Ornamental Fishes in Sivasagar District”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Durgeswar Bhuyan	13	“A Project Report on Ornamental Fishes in Sivasagar District”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Joshi Borah	15	“A Project Report on Ornamental Fishes in Sivasagar District”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Nishitrishna Gogoi	15	“Project Report on Developmental Defects in Chick Embryo”
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Dipankar Phukan	15	“Project Report on Developmental Defects in Chick

							Embryo"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Mousumi Dev	15	"Project Report on Major Insect Pest of Tea"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Jyoti Tiwari	13	"A Project Report on Ornamental Fishes in Sivasagar District"
B.Sc. Zoology (Honours)	6 th Sem NON- CBCS (H)	Project Work	ZooMP- 605(NON- CBCS)	2021	Anwesha Gogoi	14	"Project Report on Developmental Defects in Chick Embryo"

ZooMP- 405: Practical based on papers ZooMT- 403 and ZooMT- 604

Marks: 13 (IA) + 52 (End Sem) = 65

Project Work = 15

Total= 80

30 lecture hours

1. Determination of blood group and Rh factor
2. Preparation and demonstration of ball and stick model of Nucleotides.
3. Detection / estimation of RNA.
4. Immunodiffusion / Blood grouping (Ag-Ab reaction).
5. Study of Blood Cell types in blood smear slides.
6. Histological study of Lymphoid organs.
7. Different e-resources and database search.
8. Similarity search in sequence such as BLAST / FASTA.
9. Creation of databases.

SCHEME OF THE PRACTICAL EXAMINATION:

Time: 6 hrs.

Marks = 52 + 15 (project work) = 67

1. Molecular biology	15
2. Immunology	10
3. Biotechnology and Bioinformatics	7
4. Practical record book	10
5. Viva voce	10
6. <u>Project work</u>	<u>15</u>
Total =	67

CERTIFICATE

This is to certify that that the project work entitled---
"Length-weight relationship of 3 different fishes has been
prepared by ..Gandhi.....Chetui..... Roll No-
.....23420051....., Regd. No. S1814382.....a
student of B.sc 6th semester, Dept. of Zoology, Gargaon College,
Simaluguri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date-03.12/09/2021



Dr. Rina Handique

Head of the Department
Zoology

CERTIFICATE

This is to certify thatDehite Hussain..... a student of B.Sc. 6th semester, Roll No. 23430058 & Regd. No. S1814402..... Department of Zoology has carried out this project entitled "PHYSICOCHEMICAL PARAMETERS OF RIVER WATER IN SIVASAGAR (ASSAM)" under my guidance and supervision. It is undertaken as a part of practical syllabus prescribe by Dibrugarh University in Paper 605.

Further, it is also certified that the project has not been submitted for any purposes elsewhere.

Place: Gargaon college.

Date: 3/09/2021

Signature of guide



(Dr. Rima Handique)

HOD, Department of Zoology

Gargaon College, Sivasagar

Dibrugarh University

CERTIFICATE

This is to certify that Dr. Rina Handique a student of B.Sc. 6th semester, Roll No. 220202 & Regd. No. 81814073 Department of Zoology has carried out this project entitled "PHYSICO-CHEMICAL PARAMETERS OF RIVER WATER IN SIVASAGAR (ASSAM)" under my guidance and supervision. It is undertaken as a part of practical syllabus prescribe by Dibrugarh University in Paper 605.

Further, it is also certified that the project has not been submitted for any purposes elsewhere.

Place: Gargaon College

Date: 03/07/2021

Signature of guide



(Dr. Rina Handique)

HOD, Department of Zoology
Gargaon College, Sivasagar
Dibrugarh University

CERTIFICATE

This is to certify that *Rahul Gogoi* a student of B.Sc. 6th semester, Roll No. ...*23M20022*..... & Regd. No.*S1914511*..... Department of Zoology has carried out this project entitled "PHYSICOCHEMICAL PARAMETERS OF RIVER WATER IN SIVASAGAR (ASSAM)" under my guidance and supervision. It is undertaken as a part of practical syllabus prescribe by Dibrugarh University in Paper 605.

Further, it is also certified that the project has not been submitted for any purposes elsewhere.

Place: *Gargaon College*

Date: *03/09/2021*

Signature of guide



(Dr. Rina Handique)

HOD, Department of Zoology

Gargaon College, Sivasagar

Dibrugarh University

CERTIFICATE

This is to certify that that the project work entitled---
"Length-weight relationship of 3 different fishes has been
prepared byPragya Bora..... Roll No-
...23420157....., Regd. No. S1814481.....a
student of B.sc 6th semester, Dept. of Zoology, Gargaon College,
Simaluguri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date:-03/09/2021.....



Dr. Rina Handique

Head of the Department
Zoology

CERTIFICATE

This is to certify that Subhajit Borah a student of B.Sc. 6th semester, Roll No. 23420112 & Regd. No. 51814556 Department of Zoology has carried out this project entitled "PHYSICOCHEMICAL PARAMETERS OF RIVER WATER IN SIVASAGAR (ASSAM)" under my guidance and supervision. It is undertaken as a part of practical syllabus prescribe by Dibrugarh University in Paper 605.

Further, it is also certified that the project has not been submitted for any purposes elsewhere.

Place: Gargaon College.

Date: 03.09.2021

Signature of guide



(Dr. Rina Handique)

HOD, Department of Zoology

Gargaon College, Sivasagar

Dibrugarh University

CERTIFICATE

This is to certify that*Ronami Hach*..... a student of B.Sc. 6th semester, Roll No.*23420163*..... & Regd. No.*51&4506*..... Department of Zoology has carried out this project entitled "PHYSICOCHEMICAL PARAMETERS OF RIVER WATER IN SIVASAGAR (ASSAM)" under my guidance and supervision. It is undertaken as a part of practical syllabus prescribe by Dibrugarh University in Paper 605.

Further, it is also certified that the project has not been submitted for any purposes elsewhere.

Place: *Gargaon College*

Date: *03/03/2021*

Signature of guide



(Dr. Rina Handique)

HOD, Department of Zoology

Gargaon College, Sivasagar

Dibrugarh University

CERTIFICATE

This is to certify that that the project work entitled---
"Length-weight relationship of 3 different fishes has been
prepared byDebjit. Gogoi..... Roll No-
.....23420043....., Regd. No...51814356.....a
student of B.sc 6th semester, Dept. of Zoology, Gargaon College,
Simaluguri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date...03/09/2021.....



Dr. Rina Handique

Head of the Department
Zoology

CERTIFICATE

Certified that the project entitled "Developmental defects in chick embryo" submitted by Manjeet Neog as a part of course of B.Sc. 6th Semester, 2021 bearing Registration number S1814440 and Roll number 23420070 from the Department of Zoology, Gargaon College under Dibrugarh University under my guidance and supervision.



Dr. Rina Handique (Associate Prof.)
HoD,
Department of Zoology
Gargaon College, Simaluguri



Ms. Purnima Langlehena
(Assist. Prof.)
Department of Zoology
Gargaon College, Simaluguri



Dr. Rashmi Dutta
(Assist. Prof.)
Department of Zoology
Gargaon College, Simaluguri

CERTIFICATE

This is to certify that that the project work entitled---
"Ornamental Fishes in Sivasagar District" has been prepared by
.....Kamala Gogoi..... Roll No-
.....23420144.....a student of B.sc 6th semester, Dept.
at Zoology, Gargaon College, Simaluguri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date- 3/9/2021.....



Dr. Rina Handique

Head of the Department

Department of Zoology
GARGAON COLLEGE
Simaluguri.

Zoology

CERTIFICATE

This is to certify that that the project work entitled---
"Ornamental Fishes in Sivasagar District" has been prepared by
.....Bishal Mout..... Roll No-
.....23420033....., a student of B.sc 6th semester, Dept.
at Zoology, Gargaon College, Simalugri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date- 8/9/2021



Dr. Rina Handique

Head of the Department

Department of Zoology
GARGAON COLLEGE Zoology
Simalugri.

CERTIFICATE

This is to certify that that the project work entitled---
"Ornamental Fishes in Sivasagar District" has been prepared by
.....Dungeswar Bhuyan..... Roll No-
.....22920050....., a student of B.sc 6th semester, Dept.
at Zoology, Gargaon College, Simalugri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date:- 3/9/2021.....



Dr. Rina Handique

Head of the Department

Department of Zoology Zoology
GARGAON COLLEGE
Simaluguri

CERTIFICATE

This is to certify that the project work entitled--
"Ornamental Fishes in Sivasagar District" has been prepared by
.....Joshi, B. K. Roll No.
.....23420141....., a student of B.sc 6th semester, Dept.
at Zoology, Gargaon College, Simaluguri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date:- 02.03.2021....



Dr. Rina Handique

Head of the Department


Zoology


Department of Zoology
GARGAON COLLEGE
Simaluguri.

CERTIFICATE

Certified that the project entitled "Developmental defects in chick embryo" submitted by Nishitrishna Gogoi as a part of course of B.Sc. 6th Semester, 2021 bearing Registration number S1814462 and Roll number 23420152 from the Department of Zoology, Gargaon College under Dibrugarh University under my guidance and supervision.

Dr.Rina Handique (Associate Prof.)
HoD,
Department of Zoology
Gargaon College, Simaluguri



03/09/2021
Ms. Pimily Lahgthasa
(Assist. Prof.)
Department of Zoology
Gargaon College, Simaluguri


03/09/2021
Dr.Rashmi Dutta
(Assist. Prof.)
Department of Zoology
Gargaon College, Simaluguri

CERTIFICATE

Certified that the project entitled "Developmental defects in chick embryo" submitted by Dipankar Phukan as a part of course of B.Sc. 6th Semester, 2021 bearing Registration number S1814371 and Roll number 32420048 from the Department of Zoology, Gargaon College under Dibrugarh University under my guidance and supervision.

Dr. Rina Handique (Associate Prof.)
HoD,
Department of Zoology
Gargaon College, Simaluguri


Ms. Pamiy Langthasa
(Asst. Prof.)
Department of Zoology
Gargaon College, Simaluguri


Dr. Rashmi Dutta
(Asst. Prof.)
Department of Zoology
Gargaon College, Simaluguri

CERTIFICATE

This is to certify that that the project work entitled---
"Ornamental Fishes in Sivasagar District" has been prepared by
.....Jyoti Tiwari..... Roll No.
.....23420142....., a student of B.sc 6th semester, Dept.
at Zoology, Gargaon College, Simalugri.

For the project undertaken as a part of their practical
syllabus prescribed by Dibrugarh University, Assam.

Further, it also certified that the project has not been
submitted for any purpose elsewhere.

Place:- Gargaon College

Date- 31.09.2021.



Dr. Rina Handique

Head of the Department
Department of Zoology
GARGAON COLLEGE Zoology
Simaluguri.

CERTIFICATE

Certified that the project entitled "Developmental defects in chick embryo" submitted by Anwesha Gogoi as a part of course of B.Sc. 6th Semester, 2021 bearing Registration number S1814308 and Roll number 23420127 from the Department of Zoology, Gargaon College under Dibrugarh University under my guidance and supervision.

Dr. Rina Handique (Associate Prof.)
HoD,
Department of Zoology
Gargaon College, Simaluguri


3/09/2021
Ms. Pimily Langthasa
(Assist. Prof.)
Department of Zoology
Gargaon College, Simaluguri


5/09/2021
Dr. Kashmi Dutta
(Assist. Prof.)
Department of Zoology
Gargaon College, Simaluguri