

DEPARTMENT OF ZOOLOGY
SIKKIM GOVERNMENT COLLEGE, NAMCHI

OVERVIEW OF THE DEPARTMENT

The department of Zoology started in the year 2012 under the head-ship of Dr. Namrata Thapa. The department started offering the UG course i.e., Bachelors of Honors in Zoology since the academic year July 2012 with a first batch of students totaling to 34.

Since its humble beginning 12 years ago, the department has seen many highs under the guidance and efforts of many passionate faculties. The list of faculties who have been part of the department since its conception is listed in the table below:

Sl. No.	Name of the Faculty	Joining Date	Releasing Date
1.	Dr. Namrata Thapa	4 th Jul 2012	4 th Mar 2013
2.	Mr. Sonam T. Bhutia	4 th Feb 2013	20 th Aug 2018
3.	Dr. Kamal Poudyal	16 th Sep 2013	Till date
4.	Ms. Pamina Thapa	14 th Jul 2014	21 st Sep 2020
5.	Mr. John Bhutia	10 th Aug 2015	1 st Dec 2020
6.	Ms. Yangchen Bhutia	20 th Aug 2018	Till date
7.	Ms. Jacinta Sharma	22 nd Aug 2018	Till date
8.	Dr. Ananta Rai	12 th Nov 2019	Till date
9.	Ms. Aarati Chettri	7 th Sep 2021	Till date

At present, the department is located on the first floor of the New Science Building. The department has 5 qualified teaching faculties and 2 administrative staff (1 office attendant and 1 lab attendant).

Infrastructurally, the department has well-equipped classrooms for honors and general classes. The classes are taken in MS Powerpoint mode. There is a separate laboratory for honors and general classes with extensive equipment for smooth conduct of practical. In addition, a furnished faculty room and a chemical room is part of the department.



Faculty room



Laboratory



Lab attendant's room/ Chemical room

DETAILS OF THE FACULTY

Sl. No.	Name of the faculty	Designation	Nature of appointment	Qualification
1.	Dr. Kamal Poudyal	Assistant Professor	Regular	M.Sc. PhD
2.	Ms. Yangchen Bhutia	Assistant Professor	Ad-Hoc	M.Sc. NET
3.	Ms. Jacinta Sharma	Assistant Professor	Ad-Hoc	M.Sc. SLET
4.	Dr. Ananta Rai	Assistant Professor	Regular	M.Sc. PhD, SLET
5.	Ms. Aarati Chettri	Assistant Professor	Ad-Hoc	M.Sc. NET

SUPPORTING STAFF

Sl. No.	Name	Designation
1.	Mrs. Sharmila Gurung	Office Attendant
2.	Ms. Raksha Sharma	Lab Attendant



Dr. Kamal Poudyal



Dr. Ananta Rai



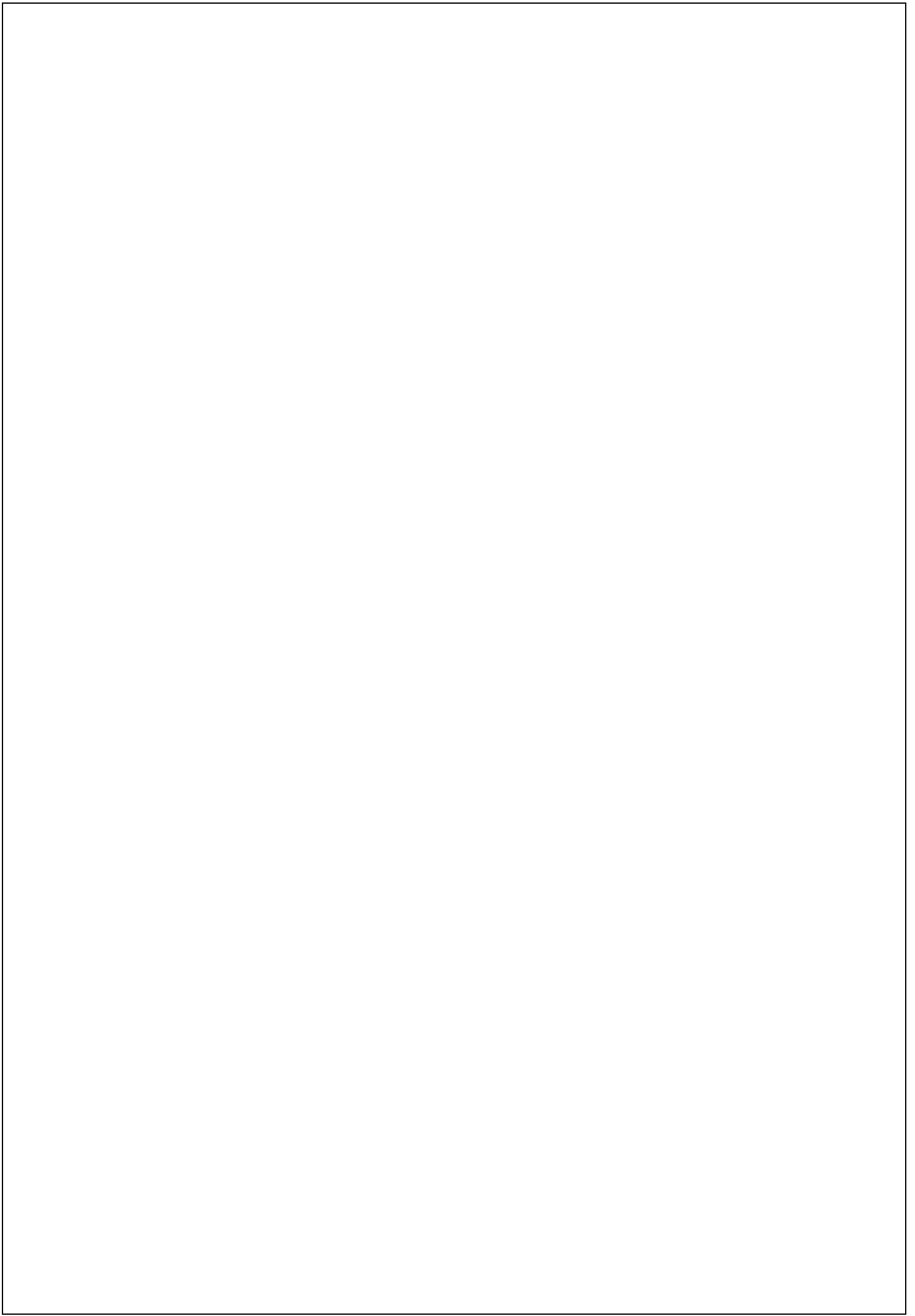
Ms. Aarati Chettri



Ms. Jacinta Sharma



Ms. Yangchen Bhutia



COURSE & SYLLABUS

At present, the department offers only UG course i.e., Bachelors of Science in Zoology (honors). It is a three-year course. The students enrolled for B.Sc. Zoology must study Zoology (general) papers for the first three semesters and Zoology (honors) paper for the last three semesters.

The college is affiliated to Sikkim Central University and thereby follows the syllabus drafted by the university.

The three-year course has been divided into six semesters. The first three semesters are general papers studied by both Zoology and Botany honors students. Each paper comprises of 100 marks. A paper is divided into four units- 3 Theory units and 1 practical unit.

The last three semesters include two papers for Zoology honors students every semester. Each paper comprising of 3 theory units and 1 practical unit with total marks of 100.

The syllabus followed by the department is given below:

ZOOLOGY HONOURS SYLLABUS

Semester	Paper Code No	Paper Title	Credits (Theory +Practical)	Marks
I	ZOO-UG-E101	Animal Diversity, Biosystematics and Evolution	4 (3+1)	100
II	ZOO-UG-E201	Cell and Molecular Biology, Genetics, Immunology and Developmental Biology	4 (3+1)	100
III	ZOO-UG-E301	Biochemistry, Animal Physiology, Ecology and Environmental Biology, and Economic Zoology	4 (3+1)	100
IV	ZOO-UG-C401	Functional Biology of Non-Chordates and Chordates	4 (3+1)	100
	ZOO-UG-C402	Cell Biology, Molecular Biology, Immunology and Animal Distribution	4 (3+1)	100
V	ZOO-UG-C501	Genetics, Evolution and Developmental Biology	4 (3+1)	100
	ZOO-UG-C502	Animal Physiology, Biochemistry and Vertebrate Endocrinology	4 (3+1)	100
VI	ZOO-UG-C601	Ecology, Toxicology, Biostatistics and Animal Behaviour	4 (3+1)	100
	ZOO-UG-C602	Applied Zoology and Animal Biotechnology	4 (3+1)	100

STUDENT DETAILS/ RESULT ANALYSIS

In the table given below is the student enrolment to the department since its inception in 2012.

Sl. No.	Batch	Student Enrolment
1.	2012- 2015	34
2.	2013- 2016	57
3.	2014- 2017	67
4.	2015- 2018	70
5.	2016- 2019	54
6.	2017- 2020	46
7.	2018- 2021	47
8.	2019- 2022	46
9.	2020- 2023	46
10.	2021- 2024	47
11.	2022- 2025	38
12.	2023- 2026	43
13.	2024- 2027	32

The result analysis of the students from the last five years is given below:

Sl. No	Year	No. of students appeared	No. of student passed	No. of student scoring >60%
1.	2019	54	54	4
2.	2020	46	46	4
3.	2021	47	47	27
4.	2022	46	46	42
5.	2023	46	46	46

STUDENT PROGRESSION

The list of students progressing to higher studies from the last five years:

Batch	Name of the student	Name of the Institution joined	Name of the program admitted
2016-19	FifangSubba	Loyola College of Education	B.Ed
2016-19	Karisma Sunwar	Sikkim University	MSc Zoology
2017-20	Jasmine Komal Tamang	North Bengal University	MSc Zoology
2017-20	Monish Pradhan	Sikkim University	MSc Zoology
2017-20	Bharat Karki	Sikkim University	MSc Zoology
2018-21	Mandira Gurung	Sikkim University	MSc Zoology
2018-21	Songmit Lepcha	SRM University	MSc Zoology
2018-21	Amita Subba	SRM University	MSc Zoology
2018-21	Ongmu Tamang	SRM University	MSc Zoology
2018-21	Jharna Chettri	SRM University	MSc Zoology
2018-21	SumiraSubba	Visva Bharati, Shantiniketan	MSc Zoology
2018-21	Amir Rai	NBBGC, Tadong	MSc Zoology
2018-21	Srilekha Gurung	NBBGC, Tadong	MSc Zoology
2018-21	Sangay Lepcha	NBBGC, Tadong	MSc Zoology
2018-21	Laden Lepcha	Sikkim Govt. B.Ed College, Soreng	B.Ed
2018-21	Deepika Sigdel	Harkamaya College of Education	B.Ed
2019-22	Tshering Ongmu Bhutia	Sikkim Govt. B.Ed College, Soreng	B.Ed
2019-22	Dewan Chettri	Central University of Punjab	MSc Zoology

2019-22	Pooja Subba	Manipur University	MSc Zoology
2019-22	ParinaThatalDorjee	SRM University	MSc Zoology
2019-22	Suyan Hang Limboo	SRM University	MSc Zoology
2019-22	Bigen Gurung	NBBGC, Tadong	MSc Zoology
2019-22	Roushni Chettri	NBBGC, Tadong	MSc Zoology
2019-22	Deepkala Pradhan	NBBGC, Tadong	MSc Zoology
2019-22	Chunki Bhutia	NBBGC, Tadong	MSc Zoology
2019-22	Neha Rai	Sikkim Alpine University	MSc Zoology
2019-22	Yakub Limboo	Sikkim Alpine University	MSc Zoology
2019-22	Queeden Sherpa	Sikkim Alpine University	MSc Zoology
2019-22	Ritika Chettri	Sikkim Alpine University	MSc Zoology
2019-22	Meenu Chettri	Sikkim Alpine University	MSc Zoology
2019-22	Reena Manger	Loyola College of Education	B.Ed
2019-22	Kritika Sharma	Loyola College of Education	B.Ed
2019-20	Arpana Sharma	Loyola College of Education	B.Ed
2019-22	Sunila Acharya	NBBGC, Tadong	MSc Zoology

DEPARTMENTAL ACTIVITIES

The Department of Zoology organizes many activities for the students to garner their interest in the subject. Activities like bird watching to nearby areas, short hikes or treks, exposure trips in collaboration with local or regional organizations like WWF, visit to Zoo, wildlife sanctuaries, invited lectures, celebration of World Environment Day, World Wildlife Day, Biodiversity Day, Plantation drives etc.

These activities allow the students to have an interaction outside of the academic syllabus. These practices have been very fruitful and will be continued in the future as well.



Bird Watching at Perbing, Sikkim



Trip to Lachen with WWF



Trip to Barsey Rhododendron Sanctuary,
West Sikkim



Trek to Maenam Wildlife Sanctuary,
South Sikkim



Visit to Krishi Vigyan Kendra (KVK), Namthang, South Sikkim.



Invited talk by Dr. T.B. Subba on World Wildlife Day.



Invited lecture by Dr. Suman Dahal, Faculty, Sikkim Alpine University On "Bioinformatics".



Workshop on Birdwatching techniques by Mr. Dibyendu Ash, State GBBC Coordinator.



Celebration of Big Butterfly Month in



Webinar organized for student's short

collaboration with ATREE, Gangtok.

Research work presentation.

STUDENT ACHIEVEMENTS

The students of the department have actively participated in various co-curricular activities and have excelled in them too. Mr. Pema Gyacho Sherpa (2017-2020 batch) have represented the state in national and international Taekwondo Championships. Similarly, students participate in inter-college activities, National Cadet Corps (NCC), NSS etc.

Two students Mr. Dewan Chettri (2019-2022 batch) has cleared CSIR-NET JRF with Rank 70 and Ms. Pratima Subba (2017-2020 batch) has cleared CSIR-NET.

