



Department : Zoology		
Academic Year : 2024-2025		
Sr. No.	Programme Code	Name of the Programme
01.	118	Bachelor of Science in Zoology
	Semester VI	Paper code: ZOUFDD1-Dissertation/ Project work

REVISED SCHEME AND SYLLABUS

FOR

Learning Outcomes based Curriculum Framework

(LOCF)

For

ZOOLOGY|HONOURS

DEPARTMENT OF ZOOLOGY

SCHOOL OF LIFE SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CG)

2021



Semester V						
CC-11 Theory	ZOUETT1	Biotechniques	3	3	30	70
CC-11 Practical	ZOUELT1	Lab Course	2	4	30	70
CC-12 Theory	ZOUETT2	Microbiology, Parasitology and Immunology	3	3	30	70
CC-12 Practical	ZOUELT2	Lab Course	2	4	30	70
DSE-1 Theory	ZOUETD1	Mammalian Physiology	3	3	30	70
DSE-1 Practical	ZOUELD1	Lab Course	2	4	30	70
DSE-2 Theory	ZOUETD2	Endocrinology	3	3	30	70
DSE-2 Practical	ZOUELD2	Lab Course	2	4	30	70
AEC-5 Theory		To be drawn from the pool of AEC	1	1	30	70
AEC-5 Practical		To be drawn from the pool of AEC	1	2	30	70
		Additional Credit Course				
TOTAL			22	31	300	700
Semester VI						
CC-13 Theory	ZOUFTT1	Biostatistics and Bioinformatics	3	3	30	70
CC-13 Practical	ZOUFLT1	Lab Course	2	4	30	70
CC-14 Theory	ZOUFTT2	Applied Zoology	3	3	30	70
CC-14 Practical	ZOUFLT2	Lab Course	2	4	30	70
DSE-3 Theory	ZOUFTD1	Neuroscience / Wildlife Conservation and Management	3	3	30	70
DSE-3 Practical	ZOUFLD1	Lab Course based on theory paper of DSE 3	2	4	30	70
Field study/ tour	ZOUFSF1	Followed by report submission and Seminar	2	4	30	70
Dissertation/ Project work	ZOUFDD1	Followed by report submission, presentation and viva-voce	7	14	30	70
		Additional Credit Course				
TOTAL			23	37	240	560
TOTAL CREDITS			133			

As per UGC LOCF guidelines, University / department have liberty to offer GEC, AEC and SEC courses offered by any department to students of other departments.

The No. of GEC course is four. One GEC course is compulsory in first 4 semesters each. Pool for GEC will be given by Dean.

The No. of AEC course is five. One AEC course is compulsory in first 5 semesters each.

The No. of SEC course is two. One SEC course is compulsory in first 2 semesters each.

Pool for AEC and SEC will be given by University.

List of GEC, AEC and SEC offered by the department

S No	GEC	AEC	SEC
1	Exploring the Brain: Structure and Function	History of Indian science	Reproductive technologies
2	Vectors, Diseases and Management	Personality development	Aquaculture
3	Food, Nutrition and Health	Human health and sex education	Toxicology
4	Global Environmental Issues	Human nutrition	Sericulture

Department may offer at least one paper in whole UG program on MOOC's platform and it will be compulsory to all students.

Summer Internship*: duration will be 2-4 weeks (minimum 90 working hours).


Abbreviations:

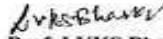
CC= Course code; GEC= Generic Elective Course; AEC= Ability Enhancement Course; SEC= Skill Enhancement Course; DSE= Discipline Specific Elective Course.

(Subject to approval by the competent authority)


Prof. S K Prasad
(External Expert)


Dr. Rohit Seth
(Member)


Dr. S K Verma
(Member)


Prof. LVKS Bhaskar
(HOD)



Programme Name: *B. Sc.*

Academic Year : 2024-25

List of students undertaking Field Projects/Projects / Internships

Sr. No.	Name of the Student	Title of the Dissertation/Project work	Page No
1.	Aastha Dewangan	Effects of herbicides on haematological parameters in fishes	1-3
2.	Aastha Rani	Oxidative stress in fishes induced by herbicides	4-6
3.	Amisha Choudhary	An Overview On Food Additives	7-9
4.	Anjali Dhirvi	Impact of climatic change on the biodiversity of ecosystem and species distribution	10-12
5.	Anurag Kumar	Water pollution: A threat to human health	13-15
6.	Apeksha Gupta	Herbicides induced biochemical changes in fish	16-18
7.	Archita Pathak	Diabetes in Dogs	19-21
8.	Ashish Kumar	Survey on literacy rate of koni	22-24
9.	Bhumika Kaushik	Histopathological changes induced by herbicides in fishes	25-27
10.	Bhuvneshwar Jagat	Obesity: A Review	28-30
11.	Deepika Kashyap	Patterns of migration in birds	31-33
12.	Deepti Patel	Decline in honey bee and its impact on biodiversity	34-36
13.	Devika Patel	Acute toxicity and behavioral responses of fishes exposed to herbicides: A critical review	37-39
14.	Dipti Dugge	Impacts of biodegradable and non-biodegradable waste on environment	40-42
15.	Dishika Patel	Solid Waste Management	43-45
16.	Divya Bharti	Environmental Effects on Biodiversity	46-48
17.	Divya Chaturvedi	Conservation Strategies for Endangered Species	49-51
18.	Enkesh Markam	Degradation of plastics by microbes	52-54
19.	Isha Patel	Vermiwash	55-57
20.	J. Sheeba Rani	Food Preservatives: A Comprehensive Overview	58-60
21.	Jeevan	Evaluation of antioxidant activity of <i>Cussia alata L.</i> extract	61-63



22.	Juhi Gupta	Faunal Diversity At Ecosystem Level in India	64-66
23.	Kajal Lahare	Autosomal Dominant polycystic kidney disease (ADPKD)	67-69
24.	Kanak Soni	Dopamine Pathway in Schizophrenia	70-72
25.	Keshav Kunal Sharma	A Review on Impact of Habitat Destruction on Biodiversity	73-75
26.	Kiran Porte	Role of Hormones in Animal Migration	76-78
27.	Krish Anant	Structural and Toxicological Aspects of Lipopolysaccharide	79-81
28.	Kushi Dewangan	Genetic Biomarkers for early detection of Alzheimer's disease	82-84
29.	M. Archana	Toxicological Effects of Air Pollution on Human Health	85-87
30.	Mahendra Bareth	Microplastic in Aquatic Environment	88-90
31.	Manish Kumar Kurrey	Air pollutants potential risk to human health	91-93
32.	Manisha Patel	Obesity as a Medical Problem	94-96
33.	Mitali Kumbhkar	Toxicological Aspect of Alcohol	97-99
34.	Naveen Diwakar	Impact of Urbanization on Birds Life	100-102
35.	Navin Kumar Gupta	Cultural landscape and tribal dispersal in Birkona village	103-105
36.	Neeta Bhaskar	Role of Zoos and Sanctuaries in Biodiversity Conservation	106-108
37.	Nidhi Rani Gritlahre	Drinking Behaviour in Humans	109-111
38.	Nikhil Kumar Dhritlahre	Wetland ecosystem as critical habitats for migratory and resident birds in India : patterns, threats, and conservation strategies	112-114
39.	Nikita Patel	Effect of Climate change in aquaculture	115-117
40.	Nisha Kanwar	A comprehensive study on diabetes insipidus	118-120
41.	Nusiaba Afza	Effect of Climate change in aquaculture	121-123
42.	Omjyoti Dansena	Impact of thermal stress on fishes	124-126
43.	Pradeep Kumar Rout	Role of Advanced Glycation End Product in Diabetic encephalopathy	127-129
44.	Pratibha Patel	Cyanosis (Blue baby)	130-132
45.	Priyanshi Sharma	Impact of commonly used pesticides on hormone receptor activity in aquatic animals	133-135
46.	Projesh Kumar Choudhary	Cardiovascular Impact of Corona Virus	136-138
47.	Rashmi Tiwari	Effects of micro-plastics on reproduction	139-141
48.	Roshan Patel	A study on vulture	142-144
49.	Rupendra Kumar Kashyap	Effect of cannabis	145-147



50.	S Junedh Sahu	Metal Induced Toxic Effects on Aquatic Animals	148-150
51.	Sahaj Juneja	Effect of global warming on Himalayan biodiversity	151-153
52.	Sanjana Yadav	Impacts of overconsumption on environment	154-156
53.	Sanket Prakash Sai	Wildlife Conservation and Management	157-159
54.	Shaily Theresa Khalkho	Impact of acid rain on aquatic life	160-162
55.	Shalini Khande	Psychological aspects of sickle cell anemia	163-165
56.	Sheetla Dewangan	Genetic damage induced by herbicides in fishes	166-168
57.	Shivani Khairwar	Medical Treatments and management of endometriosis	169-171
58.	Shreya Patra	An Overview on Microcystin and its Effect on Living Organisms	172-174
59.	Sonal	Neurotransmitters Serotonin and Behaviour	175-177
60.	Sreya T P	Migratory patterns of birds	178-180
61.	Sudhir Pradhan	Mating Behaviour in Different Species	181-183
62.	Tanishka Rai Ratre	The impact of drug residue in animal products on human being	184-186
63.	Tarani Sahu	Therapies of sickle cell anemia	187-189
64.	V. Bhavana	Impact of food preservatives on fertility	190-192
65.	Vineet Kumar	Black Pearl	193-195
66.	Yashawant Kumar Chaure	Bird Migration	196-198
67.	Yashika Bharti	Microplastic Pollution in Aquaculture: Source, Impacts and Management	199-201

Signature and Seal of the Head


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