

DEPARTMENT OF ZOOLOGY

Dinakrushna College, Jaleswar

At/P.O. Dhansimulia, Via Jaleswar, Dist. Balasore, Odisha – 756084

Department Profile



About the Department

The Department of Zoology, Dinakrushna College, Jaleswar was established in June 1972 and has since been engaged in undergraduate teaching in the discipline. The Department currently offers a B.Sc. programme in Zoology and is committed to providing quality education, research exposure, and skill development to its students in line with the National Education Policy (NEP) 2020.

Established	June 1972
Programme Offered	B.Sc. in Zoology
Current Intake	24 seats
Current Faculty Strength	3 (2 regular, 1 contractual)
Affiliating University	Fakir Mohan University, Balasore

Vision

To emerge as a centre of excellence in zoological education, research, and innovation by fostering scientific temper, critical thinking, and ethical values in students. The Department aspires to nurture competent and socially responsible graduates through multidisciplinary and experiential learning in alignment with the National Education Policy (NEP) 2020. It envisions advancing knowledge in animal sciences, biodiversity conservation, environmental sustainability, and emerging areas of biological research while promoting entrepreneurship, skill development, and community engagement. Through academic excellence, research, and outreach activities, the Department strives to contribute to the conservation of biodiversity, sustainable development, and the well-being of society at local, national, and global levels.

Mission

- To impart quality education in zoological sciences through innovative teaching and experiential learning.
- To promote research, scientific inquiry, and innovation in animal sciences and biodiversity conservation.
- To develop competent, ethical, and environmentally responsible graduates with strong practical and employability skills.
- To foster environmental awareness, community engagement, and sustainable development through academic and extension activities.
- To encourage lifelong learning, leadership, and professional excellence in alignment with the principles of NEP 2020.

Programmes Offered

Programme Offered	No. of Seats
B.Sc. in Zoology	24

Faculty:

Current Faculty

Name	Qualification	Contact
Miss Kabita Khuntia	B.Sc., M.Sc., M.Phil. in Zoology	+91 8594846197 kkhuntia96@gmail.com
Mr. Shyamlal Bhue	M.Tech in Biotechnology; M.Sc. (BS-MS) in Life Sciences	+91 8908649099 27shym@gmail.com
Mr. Abinash Das (Contractual)	M.Sc. in Zoology	

Former Faculty

Name	Designation	From	To
Mr. Ananta Krishna Roy	HOD, Lecturer	09.11.1972	07.07.1995
Miss Jayshree Ratha	Lecturer	09.02.1982	19.08.1985
Miss K. A. Begum	Lecturer	01.05.1989	22.01.1990
Dr. Dharanidhar Ghosh	Lecturer	10.12.1990	07.08.2000
Dr. Bijay Kumar Panda	HOD, Lecturer	07.07.1995	03.11.1997
Mr. Ananta Krishna Roy	HOD, Lecturer	03.11.1997	31.03.2006
Mr. Janmejaya Pattanayak	Lecturer	07.08.2000	12.12.2007
Dr. Dharanidhar Ghosh	HOD, Lecturer	07.07.2006	31.03.2018
Mr. Gobinda Chandra Biswal	Lecturer	27.11.2008	26.10.2011
Mrs. Urmila Parida	HOD, Lecturer	19.02.2013	30.06.2017
Miss Manika Das	HOD, Lecturer	23.12.2019	11.01.2024

Laboratories & Facilities

The Department of Zoology, D. K. College, Jaleswar maintains a well-equipped laboratory that supports practical training for both Higher Secondary (+2) and Degree (+3) students. The laboratory is furnished with modern scientific instruments, an extensive museum of preserved specimens covering both invertebrate and vertebrate phyla, anatomical and physiological models, instructional charts, and a rich collection of microscope slides. These facilities enable students to gain hands-on experience in dissection, microscopy, physiology, histology, genetics and biochemical techniques, in line with the prescribed university curriculum.

Major Laboratory Instruments on dated 03.09.2026

The laboratory houses the following major instruments used for practical classes and research demonstrations:

Sl. No.	Name of the Instrument	Company Name & Model	Quantity	Remark
1	Digital Anemometer	LT-Lutron AM-4201	1	Functional
2	Bacteriological Incubator	Navyug	1	Functional
3	Digital BP Machine	Dr. Morepen	2	Functional
4	Digital Hygrometer	-	2	Functional
5	Digital Lux Meter	Work Zone (WZ) LX-101	1	Functional
6	Digital pH Meter	Spectromics SI-139	1	Functional
7	Gel Power Supply	BR Biochem BRPS-2003	1	Functional
8	Haemometer	-	20	Functional
9	Horizontal Electrophoresis Unit	BR Biochem BRS-MH008	1	Functional
10	Hot Air Oven	Navyug	1	Functional
11	Light Compound Microscope	Magnus	3	Functional
12	Digital Light Meter	LT-Lutron LX-101AS	1	Functional
13	Microcentrifuge (6000 RPM)	Remi	1	Functional
14	Micropipette (1000 µl)	Universal 300-31	1	Functional
15	Micropipette (20-200 µl)	Thermo Scientific	1	Functional
16	Microtome Machine	Pragati ERMA	1	Functional

Sl. No.	Name of the Instrument	Company Name & Model	Quantity	Remark
17	Nephelometer	Spectronics India SI-222A	2	Functional
18	Refrigerator	Samsung	1	Functional
19	Simple Microscope (Dissecting)	-	2	Functional
20	Student Compound Microscope	-	6	Functional
21	Thermometer	Super-305mm	2	Functional
22	UV-Transilluminator	BR Biochem BCUV-3651	1	Functional
23	Visible Spectrophotometer	BR Biochem	1	Functional
24	Wall Pattern Barometer	ESAL	1	Functional
25	Water Bath (6 holes)	Omega India 11658	1	Functional
26	Weighing Machine	Wensar	2	Functional

Besides above major experimental instruments, the laboratory also contains a large number of Museum specimens, Models, Information charts, microscopic slides, Chemicals and other teaching aids.

Academic Activities

The following activities are conducted Zoology department.

- Students Seminar
- Field Tour
- Dissertation Work
- Unit/Internal test
- Extension Activities
- Guest/Invited Lectures

Research & Publications

Miss Kabita Khuntia, Lecturer in Zoology

- Mahanta, C.S., Hansdah, S., Khuntia, K., Jena, B.B., Swain, B.R., Acharya, S., Dash, B.P., Debata, P.R., Satapathy, R. – **“Novel carbonyl-BODIPY Conjugates: design, synthesis and anti-cancer activity”**, RSC Advances, 23 October 2024. DOI: 10.1039/d4ra07241c
- Hansdah, S., Mohapatra, S., Khuntia, K., Biswal, A.K., Debata, P.R. – **“In vitro, bioassay guided identification of anticancer compounds from Vitex negundo Linn. leaf using T98 glioma cells”**, Natural Product Research, published online 18 September 2024. DOI: 10.1080/14786419.2024.2404647

Student Progression & Alumni

Batch-2023		Batch-2022	
Babita Biswal 		Ankita Priyadarshini Jena 	B.Sc. Nursing, KIIT
Biram Marandi 		Basanti Soren 	Diploma in Elementary Education at D.I.E.T Balasore
Brajeswari Giri 	B.Ed at Nagarjun University	Bishnu Charan Senapati 	
Haripriya Shee 		Chumki Hembram 	M.Sc. At MPC Autonomous College
Krishna Dutta 		Debashish Das 	
Laxmi Nayak 		Fulkunwari Singh 	
Phula Hembram 		Kalyani Dhal 	B.Ed at Nagarjun University
Priyanka Raj 		Pabitra Ghosh 	MCA at GIET, BBSR
Priyanka Pradhan 	M.Sc. at Vidyasagar University	Malati Marandi 	
Rajib Narayan Samal 		Rajashree Giri 	
Sanjal Nandy 	MBBS	Salma Tudu 	
Satyajit Giri 		Soumya Ranjan Barik 	M.Sc. at BHU
Subhalaxmi Patra 		Subhashree Sahu 	M.Sc. at F.M University
Subhashree Bera 	M.Sc. at Vidyasagar University	Subhasmita Mishra 	
Subhashree Mohanty 			
Susmita Jena 			
Tuna Murmu 			

Students' Achievements

Session 2025-26

Priyanka Pradhan (Roll No. 5906B23011) – pursuing M.Sc. in Zoology at Vidyasagar University.

Subhashree Bera (Roll No. 5906B23019) – pursuing M.Sc. in Zoology at Vidyasagar University.

Session 2024-25

Chumki Hembram (Roll No. 5906B22005) – M.Sc. at MPC Autonomous College, Baripada.

Soumya Ranjan Barik (Roll No. 5906B22014) – M.Sc. in Zoology at Banaras Hindu University.

Subhashree Sahu (Roll No. 5906B22015) – M.Sc. in Zoology at FM Autonomous College, Balasore.

Basanti Hembram (Roll No. 5906B22015)- Diploma in Elementary Education, D.I.E.T, Balasore.

Ankita Priyadarshini Jena (Roll No. 5906B22001)- B.Sc. Nursing at Kalinga Institute Industrial Technology

Syllabus

Click on the link to get the respective documents.

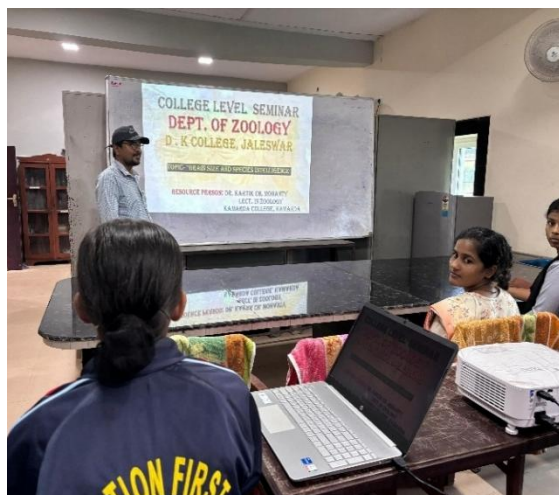
https://www.dinakrushnacollege.org.in/cms/documents/AR_220729_Zoology.pdf

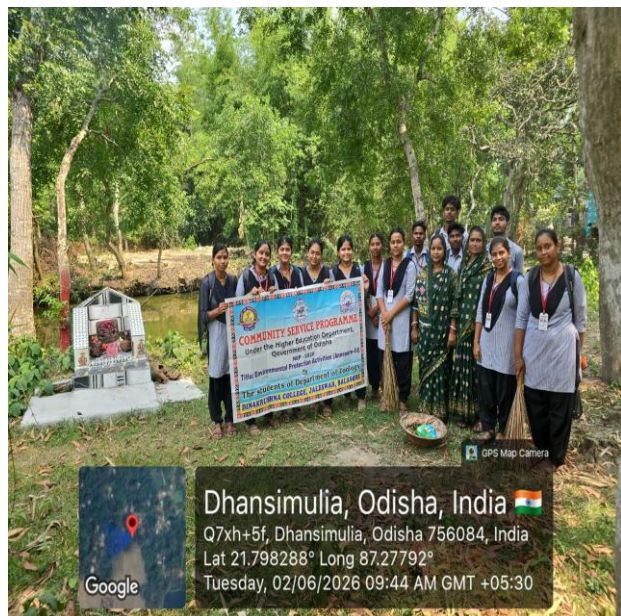
Question Bank

Click on the link to get the respective documents.

<https://dinakrushnacollege.org.in/questionBank.php>

Photo Gallery





Contact Details

Department of Zoology, Dinakrushna College, Jaleswar.

At/P.O. - Dhansimulia, Via - Jaleswar, Dist. - Balasore, Odisha – 756084.

Faculty Contact:

Miss Kabita Khuntia – +91 8594846197

Mr. Shyamlal Bhue – +91 8908649099