



**THE DEPARTMENT OF ZOOLOGY,
KHALISANI MAHAVIDYALAYA, CHANDANNAGAR, HOOGHLY**

SESSION	NAME OF THE EVENT	DATE	EVENT DETAILS	OBJECTIVE	OUTCOME
01.07.2018 to 30.06.2019	Awareness Programme cum Workshop on 'STATUS SURVEY OF FISHING CAT_THE STATE ANIMAL OF WEST BENGAL'	11.09.2018	A workshop on ' status survey of fishing cat-the state animal of West Bengal ' is organized by the Department of Zoology, Khalisani Mahavidyalaya and participated by the research team of Dr. Goutam Kumar Saha (Professor of Zoology & Director Institute of Agricultural Science University of Calcutta) on 11.09.2018. More than 60 students participated in this programme.	Fishing cats (<i>Prionailurus viverrinus</i>) are the 'Vulnerable' and Schedule I animal. However, their populations declined severely as wetland habitats were threatened by degradation and conversion. In West Bengal, the districts of Howrah and Hooghly, in spite of being industrial areas, have reports of Fishing cat occurrences. For that purpose, this workshop was organized for the students.	This workshop propagates awareness amongst students about the status of Fishing cats, their behavior, and their importance in the ecosystem to foster conservation.

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	Student seminar	30.11.2018	A seminar was organized in the Department of Zoology with the students of Semester-I on the topic entitled ' Water vascular system in Starfish '.	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	This seminar enhanced the student's understanding of the basic concepts and physiology of the water vascular or hydraulic system used by echinoderms, for locomotion, food and waste transportation.
	An excursion to the Zoological Garden, Alipore, Kolkata, West Bengal.	01.12.2018	An excursion is organized by the Department of Zoology with 14 students of B.Sc. Zoology (General), and 1 teacher to the Zoological Garden, Alipore, Kolkata, West Bengal as a part of the curriculum. We thoroughly visited Primate house, Reptile house, Bird house, Elephant house, and a Panther house which opened out into a natural habitat for lions and tigers. The central water	To enlighten the students about wildlife and its habitat.	Students learned a lot about faunal diversity, their behaviors, migratory birds, ornamental fish culture and knowledge of different habitats from this excursion apart from their theoretical aspects.

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			bodies inside the zoo grounds housed many migratory birds. The Calcutta Aquarium had an unprecedented ornamental fish culture.		
01.07.2019 to 30.06.2020	An excursion to the Indian Museum, Kolkata, West Bengal.	29.09.2019	An excursion is organized by the Department of Zoology with students of B.Sc. Zoology (General), and 1 teacher at the Indian Museum, Kolkata, West Bengal. We thoroughly visited several galleries related to our subject like the Bharhut gallery (red sandstone remnants of the Bharhut Stupa), Birds & Fish gallery (focuses on birds, including how they interact with their habitat and how they behave), Insect Gallery, Mammal Gallery (a massive collection of bones and fossils of various animals found across South Asia), Human Evolution Gallery, Invertebrate Fossil Gallery (large collection of invertebrate fossil specimens), Rocks & Minerals Gallery (igneous, metamorphic, and	To enlighten the students practically with the wildlife and its habitat, fossilization and fossil specimens, human evolution, and sericulture in an umbrella.	Students learned a lot about faunal diversity specially insects, fish, birds, mammals, their behaviors, and practical knowledge of fossil specimens of various animals, sericulture and concept of human evolution from this excursion apart from their theoretical aspects.

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			sedimentary rocks from all around the globe), etc.		
	Student seminar	26.11.2019	A seminar was organized in the Department of Zoology with the students of Semester-I on the topic entitled ' Vision in insects '.	To foster the exchange of knowledge, ask questions, and facilitate detailed discussions.	This seminar enhanced the understanding of students on the basic concepts and physiology of the arthropod eye which is an advanced structure built quite differently from the vertebrate eye.
	An excursion to the Fish Hatchery, and Poultry farm, Dankuni, Hooghly, West Bengal.	08.02.2020	An excursion is organized by the Department of Zoology with students of 5th semester B.Sc. Zoology (General), and 1 teacher at a Fish hatchery, Dankuni, Hooghly, West Bengal and also at a Poultry farm another place nearby. We observed and gained detailed practical knowledge on spawning tanks, larval rearing tanks, maturation tanks, food	To enlighten the students practically with the Fish hatchery and commercial poultry farming technology.	Students learned a lot about the different functional parts of Fish hatchery, and deep litter system, feeding system, varieties of poultry breeds and knowledge of poultry diseases and

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			culture tanks, water storage and filtration tank, water aeration methods, etc.		management from this excursion apart from their theoretical aspects.
01.07.2020 to 30.06.2021	Student seminar	10.03.2021	A seminar was organized in the Department of Zoology with the students of Semester- V (CBCS) on the topics entitled ' Speciation & Extinction '.	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	This seminar enhanced their understanding of species concept, speciation and major extinction in evolution in detail.
	Awareness lecture on 'Eco-friendly practices and conservation of Biodiversity'. (Cross Cutting Issue related activity)	02.06.21	An awareness lecture was organized by the Department of Zoology and Botany for the students to focus on ' Eco-friendly practices and conservation of Biodiversity '. Madhabi Aich (Sarkar), Department of Zoology, and Dr. Jayashree Acharya, Department of Botany delivered a lecture.	To create awareness among the students about Eco-friendly practices, conservation of nature and a few steps forward by educating students about sustainable development.	Students learned about various Eco-friendly practices and basic concepts of In-situ and Ex-situ conservation of Biodiversity.

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	Publication of departmental magazine 'CROSSTALK'	05.06.21	A departmental magazine named 'CROSSTALK' is prepared and edited by the departmental students and teacher in the Department of Zoology. This magazine, 'CROSSTALK' is published on the occasion of 'World Environment Day'.	To enable the students to express and develop their writing skills and cultivate scientific thoughts.	Students have developed some writing skills and they have been very enthusiastic, many have submitted their writings with interest and are happy with the work.
01.07.2021 to 30.06.2022	Student seminar	11.03.2022	A seminar was organized in the Department of Zoology with the students of Semester- IV & V (CBCS) on the topics entitled ' Epidemiology of Diseases (Tuberculosis, Typhoid, Malaria); Mendelian Genetics and its Extension, Mutation '.	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	This seminar enhanced their understanding of the epidemiology and pathogenesis of common and vector-borne diseases and Mendelian Genetics in detail.
	An excursion to the Indian Museum, Kolkata, West Bengal	08.04.22	An excursion is organized by the Department of Zoology with students of semester-IV and VI B.Sc. Zoology (General), and 1 teacher at the Indian Museum, Kolkata, West Bengal. We	To enlighten the students practically with the wildlife and its habitat, fossilization and fossil specimens, human	Students learned a lot about faunal diversity specially insects, fish, birds, mammals, their behaviors, and

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			thoroughly visited several galleries related to our subject like the Bharhut gallery, Birds & Fish gallery (focuses on birds, including how they interact with their habitat and how they behave), Insect Gallery, Mammal Gallery (a massive collection of bones and fossils of various animals found across South Asia), Human Evolution Gallery, Invertebrate Fossil Gallery (large collection of invertebrate fossil specimens), Rocks & Minerals Gallery etc.	evolution, and sericulture under an umbrella.	practical knowledge of fossil specimens of various animals, sericulture and concept of human evolution from this excursion apart from their theoretical aspects.
	A programme of 'psychological counselling leading up to career counselling'	20.04.22	A programme of ' psychological counselling leading up to career counselling ' was organized by the Department of Zoology and Botany by external experts to guide the student's career choices focused on career problems, psychological and family issues, environmental influences, emotional instability, career beliefs, and obstacles in	To help students explore their interests, psychological issues, strengths, and career goals, guiding a fulfilling career path after a prolonged Pandemic.	Many students have participated and they have been very satisfied with this program and benefited a lot.

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			<p>achieving their success. 39 students participated in this programme.</p> <p>Resource person:</p> <ol style="list-style-type: none"> 1. Jhilam Bandyopadhyay Psychotherapist (PSW) District Mental Health Programme, Hooghly. 2. Anindita Sinha Community Nurse. District Mental Health Programme, Hooghly. 		
	Publication of departmental magazine 'CROSSTALK'	05.06.22	A departmental magazine named 'CROSSTALK' is prepared and edited by the departmental students and teacher in the Department of Zoology. This magazine, 'CROSSTALK' is published on the occasion of 'World Environment Day'.	To enable the students to express and develop their writing skills and cultivate scientific thoughts.	Students have developed some writing skills and they have been very enthusiastic, many have submitted their writings with interest and are happy with the work.
	Student webinar	14.06.22	A webinar was organized in the Department of Zoology with the students of Semester-II and IV on the	To foster the exchange of knowledge, ask questions, and facilitate detailed	This webinar enhanced the understanding of

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			topic entitled 'Cell to chromosome'.	discussions.	students on the basic concepts of cell biology.
01.07.2022 to 30.06.2023	Awareness lecture on 'Eco-friendly practices and conservation of Biodiversity'. (Cross Cutting Issue related activity)	22.02.22	An awareness lecture was organized in the Department of Zoology with the students to focus on ' Eco-friendly practices and conservation of Biodiversity '. Madhabi Aich (Sarkar), Department of Zoology and Dr. Jayashree Acharya, Department of Botany delivered a special lecture.	To create awareness among the students about Eco-friendly practices, conservation of nature and a few steps forward by educating students about sustainable development.	Students learned about various Eco-friendly practices and basic concepts of conservation of nature.
	Publication of Wall magazine.	03.09.22	A wall magazine named ' MACROGRAPHIA ' is prepared by the students in the Department of Zoology on 'Aves diversity of West Bengal' and published in the department by them.	To enable the students to express and develop their positive and desirable qualities.	A bit of creativity has increased among the students and they have done the work very well in a group.
	Student seminar	28.09.2022	A seminar was organized in the Department of Zoology with the students of Semester- III (CBCS) on the topics entitled ' Cardiovascular system '.	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	This seminar enhanced their understanding of the physiology and anatomy of the Cardiovascular

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					system in detail.
	Student seminar	24.12.22	A seminar was organized in the Department of Zoology with the students of Semester- I (CBCS) on the topics entitled ' Biting mechanism in snake ' and ' Polymorphism in Hydrozoa '	Providing opportunities for students to engage in discussions, ask questions, and develop speaking skills.	This seminar enhanced their understanding of mechanism of biting in snake and division of labour in hydrozoa in detail.
	Publication of departmental magazine ' CROSSTALK '	05.06.23	A departmental magazine named ' CROSSTALK ' is prepared and edited by the departmental students and teacher in the Department of Zoology. This magazine, ' CROSSTALK ' is published on the occasion of 'World Environment Day'.	To enable the students to express and develop their writing skills and cultivate scientific thoughts.	Students have developed some writing skills and they have been very enthusiastic, many have submitted their writings with interest and are happy with the work.
01.07.2023 to 30.06.2024	Blood group (ABO) Typing of students and others. (Cross Cutting Issue related activity)	12.12.23	A programme of ' Blood group (ABO) Typing of students and others ' was organized by the Department of Zoology and Botany in the college campus.	To understand the ABO blood group system and Rh factor, ensure safe blood transfusion of person and spreading awareness.	Students and other persons present there determine their blood group, Rh factor and know the medical value of blood group

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					for safe blood transfusion.
	An excursion to the Poultry farm, Sukhsanatantala, Hooghly, West Bengal.	16.12.2023	An excursion is organized by the Department of Zoology with students of B.Sc. Zoology (General), semester III & V with 1 teacher and lab attendant to a Poultry farm at a Sukhsanatantala, Hooghly, West Bengal. to observed and gained detailed practical knowledge on poultry farming.	To enlighten the students practically with the commercial poultry farming technology.	Students learned a lot about about Poultry farming specially deep litter system, feeding system, varieties of poultry breeds and knowledge of poultry diseases and management from this excursion apart from their theoretical aspects.
	‘Zoology Laboratory visit of school students (Khalisani Vidyamandir)’ on the occasion of ‘Students Week Celebration, 2024’	06.01.24	A programme of laboratory visit is organized by the Department of Zoology for school students (Khalisani Vidyamandir) to visit the Zoology laboratory and celebrate the Students Week, 2024.	To visit the laboratory and also introduce them to it accelerates the growth of science students in the college; to celebrate the Students Week, 2024.	The school students were very happy and interacted well to see the laboratory of Zoology. The student of the department worked together as a team, it improved

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					their team work skills and students participated well in the quiz programme.
	Cross Cutting Issue related activity	29.01.24	The students of zoology of the department made a poster on different chemical effluents that degrade natural ecosystem and through food chain it goes to higher trophic level decreasing environmental sustainability.	To create awareness among the students about practices that degraded nature a few steps forward by educating students about sustainable development. To enable the students to express and develop their positive and desirable qualities.	Students learned about basic concepts of sustainable development and a bit of creativity has increased among the students and they have done the work very well in a group.
	‘Science Day Celebration, 2024’	28.02.24	Science Day, 2024 is celebrated in the Department of Zoology together with the other Dept. of Science on 28.02.24. Principal, Coordinator and students all participated in the event.	To honor the scientist and the turnover in history of scientific achievement, encourage the development of scientific mindset in the students and foster a culture of innovation.	Students and teachers participated in the celebration and students get inspired from this event.

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	Student seminar	01.03.2024	A Semester-III (CBCS) student seminar organized by the Department of Zoology entitled ' Conduction of nerve impulse in myelinated nerve ' was held on 01.03.2024 from noon in the department.	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	This seminar enhanced their understanding of the mechanism of nerve impulse conduction in myelinated nerve.
	Student seminar	20.03.2024	a student seminar of Semester-I organized by the Department of Zoology entitled ' Overview of different interactions among animals like competition, predation, commensalism, parasitism, mutualism, etc ' was held on 20.03.2024	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	Enhanced the understanding of different interactions among animals like competition, predation, commensalism, parasitism, mutualism, etc.
	Publication of departmental magazine ' CROSSTALK '	05.06.24	A departmental magazine named ' CROSSTALK ' is prepared and edited by the departmental students and teacher in the Department of Zoology. This magazine, ' CROSSTALK ' is published on the occasion of 'World Environment Day'.	To enable the students to express and develop their writing skills and cultivate scientific thoughts.	Students have developed some writing skills and they have been very enthusiastic, many have submitted their writings with interest and are happy with

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					the work.
	Student seminar	29.06.2024	A student seminar of Semester-IV organized by the Department of Zoology entitled ' Evolution of Horse ' was held on 29.06.2024	To provide opportunities for students to engage in discussions, ask questions, and present their ideas.	Student seminar