



DEPARTMENT OF ZOOLOGY
SCHOOL OF LIFE SCIENCES
CENTRAL UNIVERSITY OF KASHMIR
SCIENCE CAMPUS, NUNAR GANDERBAL-191201

Section-A: General Activities/Events/Days (2021-23)

Section-B: Best Practices/Activities

Section-C: Success Evidences/Business Units

SECTION: A

S.No.	ACTIVITIES/EVENTS/DAYS	DATE/YEAR	THEME
YEAR: 2021			
1	Students Learning Art of Sericulture practices at CSB Farm	2021	-
2	Short term Training at Mountain Livestock Research Institute Manasbal	2021	-
YEAR: 2022			
1	One day visit to College of Temperate Sericulture, Mirgund	22-03-2022	Silkworm Rearing Techniques
2	World No Tobacco Day	31-05-2022	Awareness Programme
3	World Environment Day	05-06-2022	Only One Earth
4	International Day against Drug Abuse and Illicit Trafficking	28-06-2022	Awareness
5	Debate, Painting and Drawing session	12-08-2022	Role of Indian Scientists in Nation Development Post Independence

6	Visit to p-4 basic Seed Farm Central Silk Board, Manasbal, Ganderbal	10-11-2022	Extension Activity
7	One day visit to Manasbal lake and Manasbal fish seed farm	24-11-2022	An Extension Activity
8	One day visit to Mamar fish farm, Ganderbal	21-11-2022	An Extension Activity
9	School Board Meeting, 2022	2022	Agenda Items
10	Board of Studies. 2022	2022	Agenda Items
YEAR: 2023			
1	National Science Day, 2023	28-02-2023	Global Science for Global Wellbeing
2	Asian Water Bird Census, 2023	21-02-2023	-
3	Silk Training for Moriculture	13-03-2023	Green Graduation
4	World Wildlife Day, 2023	03-03-2023	Partnerships for Wildlife conservation
5	One day visit to College of Temperate Sericulture, Mirgund	21-03-2023	Silkworm Tearing Techniques/Outreach Activity
6	Hangul Census, 2023	15-20 th March, 2023	Wildlife Conflict
7.	One day Visit to Industrial Estate Lassipora, Pulwama	2023	Entrepreneurship and start up

SECTION: B

S.No.	BEST PRACTICE	DATE/YEAR	THEME
	YEAR: 2021		
1	Students Learning Art of Sericulture practices at CSB Farm	2021	-
2	Short term Training at Mountain Livestock Research Institute Manasbal	2021	-

YEAR: 2022			
1	One day visit to College of Temperate Sericulture, Mirgund	22-03-2022	Silkworm Rearing Techniques
2	One day visit to Manasbal lake and Manasbal fish seed farm	24-11-2022	An Extension Activity
3	One day visit to Mamar fish farm, Ganderbal	21-11-2022	An Extension Activity
YEAR: 2023			
1	Asian Water Bird Census, 2023	21-02-2023	-
2	Silk Training for Moriculture	13-03-2023	Green Graduation
3	One day visit on World Wildlife Day, 2023	03-03-2023	Partnerships for Wildlife conservation
4	One day visit to College of Temperate Sericulture, Mirgund	21-03-2023	Silkworm Tearing Techniques/Outreach Activity
5	Hangul Census, 2023	15-20 th March, 2023	Wildlife Conflict
6	One day Visit to Industrial Estate Lassipora, Pulwama	25-05-2023	Entrepreneurship and start-up

SECTION:C

S.No.	EVIDENCE OF SUCCESS/PROJECT	DATE/YEAR	PROJECT THEME
1	One of the Students namely Irfan ul Kareem , a B.Sc. Graduate from Department of Zoology, Central University of Kashmir, Batch----- from Village Villagam , District Kupwara got 3-month project in the year----- from district administration Kupwara on “ Cultivation of Button Mushroom ” which he successfully completed.	2022	Cultivation of Button Mushroom

PHOTO GALLERY FOLLOWS....
(SECTION A & B)



Visit to the Central Silk Board (CSB) farm Manasbal (2021)

Activity No. 01: Students Learning Art of Sericulture practices at CSB Farm Manasbal (2021)

Since the Department is offering Skill based courses in Sericulture hence there is a continuous exchange and collaboration of scientific inputs and research between the various sericulture institutes of the country. So, as a routine practice, the students of the department of Zoology are visiting various Sericulture stations for practical knowledge.



Visit to the Mountain Livestock Research Institute, Manasbal (2021)

Activity No. 02: Short term Training at Mountain Livestock Research Institute Manasbal

Dated: 18-09- 2021

It is a regular practice of the department to equip the students with the knowledge, skill and other farm management practices related to the dairy farming, from time to time. In this regard the students are being taken to the respective farms to learn the required skill for the establishment of business units after passing out from the department and are also encouraged to undergo short term training courses and PG Dissertations in the given field. These exercises also help the departments to disseminate the information among the masses and also create a web of knowledge and expertise exchange between the institutions.



Visit to the Manasbal Fish Seed Farm (2022)

Activity No. 03: Visit to Manasbal Fish Seed Farm

Dated: 07-07-2022

A one-day visit was planned by the faculty members of the Department of Zoology, CUK Ganderbal on 7th July, 2022 to the Manasbal Lake and Manasbal Fish Seed Farm. Manasbal Fish Seed Farm in Ganderbal District is spread over 400 kanals of land. The group was apprised by the staff of the Carp Seed Farm that this Fish Seed Farm produces huge quantum of fish seed which is produced in hatcheries of the farm throughout the year. On the visit, students and accompanying staff were acquainted with different fish culturing techniques, fish feed processing methods and an interactive session with the staff of Fish Seed Farm was also held regarding management practices at the said farm.



Visit to the College of Temperate Sericulture, Mirgund-Baramulla (2022)

Dated: 22-03-2022

Activity No. 04: Field Visit to College of Temperate Sericulture SKUAST-K Mirgund Baramulla (Silk Production by Silk Worm)

The objective of this field visit was to let the visiting group (students) know and understand about the life cycle of silkworm, its rearing, silk production and diseases associated.



Activity No. 05: Visit to p-4 basic seed farm Central Silk Board, Ministry of Textiles, Govt. of India Manasbal, Ganderbal

Dated: 10-11-2022

A Lecture on methods used in feeding and rearing silk worms in the silk worm rearing center was delivered by **Dr. Rajesh Kumar** (Scientist D) at P-4 basic Seed Farm, Ganderbal. He demonstrated to the students about the different species of silk moths and their silk cocoons that were preserved there. In addition to that he gave information about their morphology and distribution. Students witnessed different types of silks produced by these species. One of the employees of the centre also demonstrated about the working of leaf cutting machine.

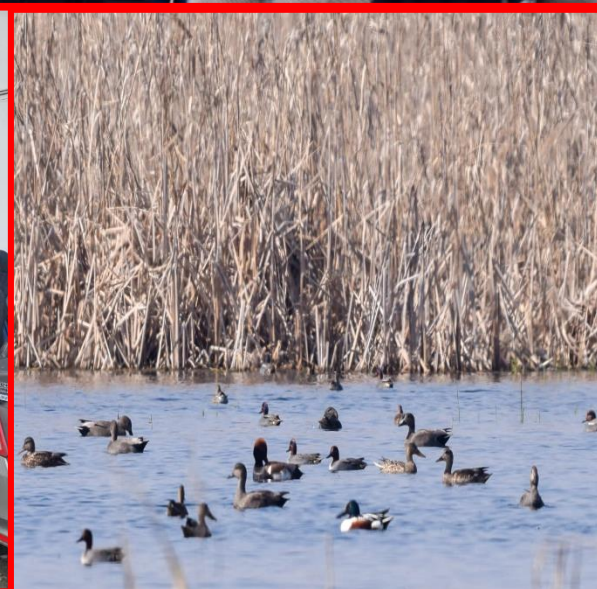


Visit to the Fish Farm, Mamar-Ganderbal

Dated: 21-11-2022

Activity No. 06: One day visit to Fish Farm at Mamar-Ganderbal

The objective of this visit was to let the visiting group (students) know and understand about the different rearing practices of fishes at Mamar Fish Farm



Visit to the Manasbal Lake for Bird Census (2022)

Activity No. 07:

NATIONAL BIRD CENSUS

Dated: 21-02-2023

On 21st February, 2023, Department of Zoology, Central University of Kashmir under corporate scientific responsibility carried out the Asian Water Bird Census, 2023. The team who participated in the said census programme was lead by **Dr. Lateef Khaliq**, Sr. Assistant Professor, Department of Zoology, Central University of Kashmir who has earlier also conducted National Hangul Census in collaboration with Department of Wildlife. Other leading members of the team included- **Dr. Hameem Mushtaq**, **Dr. Bilal Nasir Zargar**, **Mr. Faisal** and **Mr. Umer Nazir**. Besides this student from Integrated B.Sc., M.Sc., Zoology also participated in the said programme. The said team of researchers started the census of the water birds in one of the valley's deepest freshwater lake-Manasbal Lake by following a standard protocol for counting of water birds. Few transects were walked by the team along the bank of the lake to note various parameters pertaining to the census of the birds. In addition to this most portion of the lake was covered by hiring a motor boat and the number of birds were observed and counted by using 10x10 field binocular and 600 mm camera. A detailed report in this regard was submitted to the Department of Wildlife, Government of Jammu and Kashmir for further necessary and policy implementation.



Dated: 13-03-2023

Activity No. 08: One day Skill Training on Moriculture

One day Skill Training on Moriculture was conducted at Central University of Kashmir, Science Campus, Nunar Ganderbal under the leadership of **Dr. Mohammad Lateef**. Worthy Head of the Department and Dean, SOLS **Prof. Mohammad Yousuf** who in his inaugural address interacted with the students and stressed on the Need to conduct the activity on regular basis aimed to impart the basic training to the students pursuing their graduation with Sericulture as one of the skill based course. The students were given the inputs regarding the use of technology, skill, knowledge in the propagation of mulberry (*Morus alba*).



Visit to the Dachigam National Park (2022)

Activity No. 09:

HANGUL CENSUS, 2023

Dated: 15-03-2023

The Department of Wildlife Protection, Government of Jammu and Kashmir, invited nominations from Central University of Kashmir to participate in Hangul census-2023. In this connection, Dean School of Life Sciences nominated students from Integrated B.Sc.-M.Sc. Zoology programme to participate in the said activity. The team led by **Dr. Hameem Mushtaq Wani** attended the orientation programme at Dachigam National Park. They were also made familiar with the usage of various wildlife equipments (like binoculars, range finder, GPS handset, etc.) and hands-on-training was provided to them. Thereafter, the team went to Rescue and Rehabilitation centre of Dachigam National Park and observed variety of avian (Yellow billed blue magpies *Urocissa flavirostris*) and mammalian species (Leopard- *Panthera pardus*, Brown bear- *Ursus arctos*, etc.). The team was then distributed in different groups for the smooth conduct of Hangul census- 2023 in potential habitat of *Cervus hanglu hanglu*. Each group was accompanied by a team leader from the Department of Wildlife Protection, J&K. The different localities to which the team went during three different days of census include- Brimjinar-Mahadev, Sheepkhal-Reshwudur, Pehlipora-Gadsar and others.



Visit to the Industrial Estate Lassipora, Pulwama (2023)

Dated: 25-05-2023

Activity No. 10: One day visit to Industrial Estate Lassipora, Pulwama

A One-day exposure tour was organized by the Department of Zoology, Central University of Kashmir under IIC 5.0 Calendar Activities for Academic Year 2022- 23 to the Industrial Estate Lassipora, Pulwama. Students of 4th, 6th and 8th Semesters were given this precious opportunity to gain exposure of manufacturing units of our native land, Kashmir. To encourage concept of entrepreneurship and to develop ideas related employment generation, the primary objective of this visit was to offer students a hands-on experience, allowing them to bridge the gap between theoretical knowledge and real-world applications in the field of Zoological sciences. The visit encapsulated remarkable encounters with renowned entities including Zum Zum Dairy Milk Products, Bone China Unit, Leather Tanning Unit, Apple Pickle, Alpine Cold Storage Unit. This industrial visit to the Lassipora Industrial Estate aimed to provide students with a unique perspective on the applications of Zoology beyond traditional classroom learning.

SECTION C: Business Unit Set Up



Cultivation of Button Mushroom

2022

One of the Students namely **Irfan ul Kareem**, a B.Sc. Graduate from Department of Zoology, Central University of Kashmir, Batch 2019 from Village **Villagam**, District **Kupwara** started his business unit after he got 3-month project in the year 2022 from district administration Kupwara on “**Cultivation of Button Mushroom**” which he successfully completed

