

Educational Tour to Mansbal and Vayil Ganderbal, J&K

Department of Biotechnology, Biochemistry and Clinical Biochemistry, Govt. Degree College Pulwama organized an educational tour to Mansbal and Vayil in the Ganderbal district of Jammu and Kashmir on 12th June 2024 offered students a unique opportunity to explore the natural beauty and ecological significance of these places in the region.

Itinerary

The tour was meticulously planned to cover various aspects of educational value:

The journey to Mansbal Lake began early in the morning. The route itself provided educational value as students observed the changing landscapes and various agricultural practices en route.

Students were taken on a guided boat tour of the lake, where they observed the clear waters and submerged aquatic vegetation. The guide pointed out different species of fish and birds, emphasizing the lake's biodiversity.

Students gained a deeper appreciation for the importance of conserving natural habitats and the impact of human activities on ecosystems.

Tour was followed by travel to Vayil Ganderbal.

Visit to the Sind River

Students learned the river's role in local agriculture, economy of the region and also observe flora and fauna around the river.

The tour encouraged teamwork and collaboration among students, promoting social skills and collective learning.

The educational tour to Mansbal Lake and Vayil Ganderbal was a success, providing students with a rich blend of environmental education, cultural insight, and practical scientific experience. The knowledge and experiences gained from this tour are likely to have a lasting impact on the students, inspiring them to be more conscious and proactive towards the environment.





Office of the Head
Department of Botany
GOVT. DEGREE COLLEGE PULWAMA
NEWA ROAD PULWAMA-192301

Ref. No.: GDC/PUL/BOT/_____

Date: 24th March, 2024

PLANTATION DRIVE – A REPORT
(World Arbor Day 2024)

The College landscape committee & Eco club committee of GDC Pulwama in collaboration with Department of Botany celebrated the World Arbor Day on 23rd March, 2024 in a noble and befitting manner by conducting a tree plantation program in the college campus. Dr Haris Izhar, principal of the college presided over the event and delivered a brief speech for the assembled students about the significance of the tree plantation program and the importance of trees and plants to make the area full of greenery and to reduce the effects of global-warming.

Dr Masood Majaz, HoD Botany & Convener Landscape committee gave the welcome speech & asked the students to keep the campus clean and green. He further added that objective of the program is to create awareness among the students regarding the importance of ecology and the natural environment & to think positively for its improvement.

The first tree was planted by Dr Haris Izhar, Principal GDC Pulwama.

The students were divided into groups and they were provided with saplings to plant them at the selected spots in the college campus. They also watered the trees and made fencing to protect the trees. This way about 200 saplings were planted by the teachers & the students. The program generated a lot of stir and enthusiasm among the students.

The event ended with an oath to protect our environment by conducting such tree plantation program to establish the worth saying – "one tree, one life"

(Photographs attached)

Sd/

Convener, Landscape Committee

Convener, EcoClub

Head, Department of Botany

Copy to:

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2. Office records



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Report: "Go Green Campaign" at GDC Pulwama

Organised by: Department of Botany and Landscape Development Committee

On 5th June, 2024, the Landscape Development Committee, in collaboration with the Department of Botany, Government Degree College (GDC) Pulwama, organized a "Go Green Campaign". The event aimed to promote environmental awareness and sustainability among students.

Key Highlights:

1. **Expert Lecture:** A comprehensive talk was delivered by the Convenor of the Landscape Development Committee, emphasizing the importance of environmental health, safety, and sustainability.
2. **Hands-on Training:** Students received practical training on preparing beds and planting trees, fostering a sense of responsibility towards the environment.
3. **Participation:** Faculty members from the Department of Botany and committee members of the Landscape Development Committee actively participated in the event.
4. **Main Motto:** The program aimed to educate students about the significance of environmental conservation and sustainability.

Objective:

The "Go Green Campaign" sought to inspire students to adopt eco-friendly practices, promoting a culture of sustainability and environmental stewardship within the college community.


Dr. Masood Majaz

Head, Department of Botany

Convenor, Landscape Dev. Committee

June 2024.



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Department of Botany
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Report on the Biodiversity -Week Celebration (31st May 2024 to 5th June 2024)

Organizers: Department of Botany & Landscape Development Committee

The Celebration of Biodiversity week held from May 31, 2024, to June 5, 2024, was a resounding success, highlighting the importance of biodiversity through a series of engaging events. The celebration aimed to raise awareness, foster appreciation, and encourage active participation in biodiversity conservation among students and faculty.

The event kick started with the motivational words of the principal of the college Dr. Haris Izhar followed by the welcome address by the head, department of Botany, Dr. Masood Majaz.

Day 1: Student Seminar: The festivities commenced with a student seminar, attracting 50 participants. The seminar featured five student speakers and five faculty speakers including

Dr Masood Majaz (Head, Department of Botany)

Prof Nighat Dijoo (Faculty, Department of Botany)

Prof Shahid Ahmad Wani (Head, Department of Environment sciences).

Dr. Dilgeer Mehdi (Faculty, Department of Zoology)

Prof. Khan Idrees (Head, Department of Vert. Sciences),

each delivering insightful presentations on various aspects of biodiversity.

The session was moderated by Prof. Mohammad Arif, Faculty, Department of Botany.

The 1st, 2nd and 3rd positions in the speech competition amongst students were achieved by **Munazah Lateef, Aneesa Ayoub & Kulsum Farooq** respectively.

All participants were provided with refreshments in the form of juice, ensuring a comfortable and conducive environment for learning and discussion.

Jun. 2024



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Day 2: Quiz Competition

Day-2nd was marked by an exhilarating quiz competition with 16 participants divided into four groups. The competition was fierce, with Group 1 emerging victorious.

The 1st position Certificates were awarded to all participants of the group-1 including Andleeb Jehangir, Fazil Mohiuddin, Rizwaan And Ubaid all being the students of FYUG-2ND Semester.

The quiz conducted by Dr Kouser Parveen, Faculty , Department of Botany not only tested the participant's knowledge of biodiversity but also fostered teamwork and quick thinking.

Day 3: Drawing Competition

On the third day, a drawing competition was held, with 11 talented participants showcasing their artistic interpretations of biodiversity. Three outstanding participants were awarded certificates of appreciation for their exceptional work. This event highlighted the creative ways in which biodiversity can be represented and appreciated through art.

Day 4: Exhibition of Paintings, Posters, and Drawings:

The fourth day featured an exhibition displaying the artistic creations of 31 students. The exhibition included paintings, posters, and drawings that depicted various aspects of biodiversity. The event drew significant attention and admiration from attendees, emphasizing the role of art in raising awareness about biodiversity.

The 1st, 2nd & 3rd positions in the poster making competition were achieved by Andleeb Jehangir, Aneesa Ayoub and Midhat . All the winners were awarded the certificates.

Day 5: Botanical Tour and Valedictory Session

The final day of the celebration was scheduled to include a botanical tour, although it is to be conducted later. The day concluded with a valedictory session attended by 22 participants. During this session, all the winners from the previous events were awarded certificates and prizes. Dr. Kouser Parveen proposed a vote of thanks,



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expressing gratitude to the Principal, organizers, speakers, and participants and supporting staff for their contributions to the success of this week long programme.

Overall, the Biodiversity Week Celebration was a vibrant and informative series of events that successfully engaged the student community, promoted awareness, and encouraged active participation in biodiversity conservation.



Tasneem

Department of Botany
Celebration of Biodiversity Week
Attendance


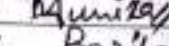

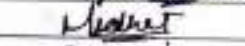



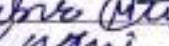
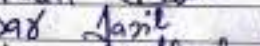

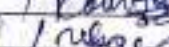




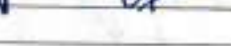
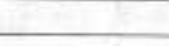


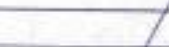
Day 1 (30th May, 2024).

S. No.	Name and Sign.	Semester/ Roll number
01.	Insha - Ashraf Insha	2nd 230553
02.	Insha - Shafi Insha	2nd 230552
03.	Khushboo Fayaz Khushboo	2nd 230550
04.	Sozia Wazir Sozia	2nd 230551
05.	Mehi-UN-NISA Mehi	2nd 230520
06.	Fiza Jan der Fiza	2nd 230530
07.	Ayesha Ayub Ayesha	2nd 230527
08.	Munhiza Uateef Muniza	2nd 230532
09.	Bazila Muekhaq Bazila	2nd 232460
10.	Aamina Jan Aamina	2nd 230540
11.	Insha Shafi Insha	2nd 230514
12.	Suriya Mukhtar Suriya	2nd 230554
13.	Aaliya-Bintik Bashir Aaliya	2nd 230524
14.	Khushboo Rashid Khushboo	2nd 230549
15.	Hairo Mohi-ud-Din	2nd 230530
16.	Malika Mirza	2nd 230537
17.	Fazil Mohiuddin Dar Jani	2nd 230546
18.	Mazraa Rizwan Rizwan	2nd 230512
19.	Andleeb Jahangir Andleeb	2nd 230534
20.	Muhammil Ahmad Nusrat	2nd 232405
21.	Kahtul-Amin wani Amin	2nd 232413
22.	Ubaid Rashid Ubaid	2nd 232412
23.	Mohd Haziq Bhat Haziq	2nd 232441
24.	Ikbal Ahmad wani Ikbal	2nd 230315
25.	Tamara Ali Tamara	2nd 230508
26.	Fazil Nabi Faisal	2nd 232438
27.	Muneeb Shabir Muneeb	2nd 230505
28.	Ather Muekhaq wani Ather	2nd 230618
29.	Amir Ahmad Amir	2nd 230411
30.	Tara Bashir Tara	2nd 230521
31.	Aaliya Jan Aaliya	2nd 230515
32.	SACHIN BASHIR	2nd 230509
33.	KUBUM FAROOQ	2nd 230503

(Signature)

Department of Botany
Celebration of Biodiversity Week
Attendance


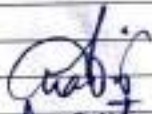
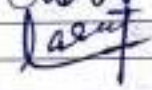
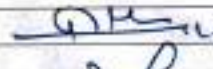

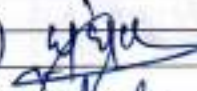



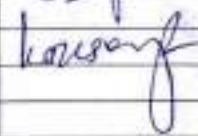

Day 2

S. No.	Name and Sign.	Semester/ Roll number
01)	MEHR-UM-NISA 	2nd 230528
02)	Fiza Jan 	2nd 230530
03)	Amera Ayub 	2nd 230527
04)	Munkhiza Ulatay 	2nd 230532
05)	Bazila Mushroq 	2nd 232460
06)	Azra Aziz 	2nd 230522
07)	Khushboo Ayub 	2nd 230535
08)	Mishkat - Hameed 	2nd 232417
09)	SABHAT BASHIR 	2nd / 230509
10)	KULSUM FAROOQ 	2nd / 230503
11)	Salwa Jan 	2nd / 230515
12)	Iqra Bashir 	2nd / 230521
13)	Fazil NABI 	2nd / 232438....
14)	Tamara Ali 	2nd / 230508
15)	Muneeb Shabir 	2nd / 230505
16)	Maher Hussain 	2nd / 230618
17)	Mazraa Rizwan 	2nd / 230512
18)	Fazil Mohiddin Dax 	2nd / 230546
19)	Abdullah Jahanqir 	2nd / 230534
20)	Muhammed Ahmad 	2nd / 232405
21)	Latiful Amin 	2nd 232413
22)	Muhammad Ashraf 	2nd / 232412
23)	Mohd Haziq Bhat 	2nd / 232441
24)	IKHLAS AHMAD WAGAY 	2nd / 230315
25)	Syed Mujtaba 	4th Sem / 222420
26)	Sulhail Manzoor 	4th Sem / 222401
27)	Mohd. Faiz 	4th Sem / 222451



Department of Botany
Celebration of Biodiversity Week
Attendance

Day 3

S. No.	Name and Sign.	Semester/ Roll number
01.	Samina Jan / 	2nd / 230540.
02	Insha Shafi / Inshaf	2nd / 230524.
03.	Suria Mukhtar / Suria	2nd / 230554.
04	Aaliya Binte - Baitan	2nd / 230524
05	Khushboo Rashid / Khushboo	2nd / 230549
06	Mohd Mohi ul din	2nd / 230538
07	Malika Nisar	2nd / 230537.
08	Insha - Ashraf Inshaf	2nd / 230553
09	Insha Shafi / Inshaf	2nd / 230552
10	Khushboo - Fayaz Khushboo	2nd / 230550
11	Sozia - Nazim Sozia	2nd / 230552
<hr/>		
	<u>Staff.</u>	
01.	Mohammad Aarif Ishaq (AP Botany) 	
02	Dr. Parvaiz Ahmad (AP Botany) 	
03.	Dr. Tussain Hussain Shah (Physics) 	
04	Prof Shahid A. Khan (Envr sc) 	
05	Dr Mir Dilgeer Mahdi (Botany) 	
06.	Dr. Khan Iqbal Masih (Vet Tech.) 	
07	Prof. Seema Rashid (zoology) 	
08	Nighat Durr (Botany) 	
09	Dr. Kousar Fareen (Botany) 	
<hr/>		
		

Department of Botany
Celebration of Biodiversity Week
Attendance

Day 4

S. No.	Name and Sign.	Semester/ Roll number
01	Mohd Haziq Bhat / Haziq	2nd / 232441
02	IKhtyar Ahmad Wazay / I	2nd / 230215
03	Ubaid Rashid / Ubaid	2nd / 230412
04	Mohd-Un-Nisa / Un-Nisa	2nd / 230528
05	Fiza Jan / Fiza	2nd / 230530
06	Ayisha Ayub / Ayisha	2nd / 230527
07	Nunhizer Lateef / Nunhizer	2nd / 230532
08	Bazila Mushtaq / Bazila	2nd / 232460
09	Azra Aziz / Azra	2nd / 230522
10	Khushboo Ayub / Khushboo	2nd / 230535
11	Mehar - Kamreel / Mehar	2nd / 232417
12	Aamina Jan / Aamina	2nd / 230540
13	Jusha Shahi / Jusha	2nd / 230514
14	Burqa Malik / Burqa	2nd / 230559
15	Aaliya Binte Bashir / Aaliya	2nd / 230524
16	Khushboo Rashid / Khushboo	2nd / 230549
17	Abir Mohi-ud-din / Abir	2nd / 230538
18	Maha Nisar / Maha	2nd / 230527
19	Fazil Mohi-ud-din / Fazil	2nd / 230546
20	Andleeb Jahanpur / Andleeb	2nd / 230534
21	Muramul Ahmad / Muramul	2nd / 232405
22	Rashid - Asim / Rashid	2nd / 232413
23	Ubaid Rashid / Ubaid	2nd / 230412
24	Mohd Haziq Bhat / Haziq	2nd / 232441
25	Amir	2nd / 230508
26	Amir Ali / Amir	2nd / 232438
27	FASIL NABI / Faisal	2nd / 230505
28	MUNEER SHABIR / Muneer	2nd / 230510
29	Mazra Rizwan / Mazra	2nd / 230414
30	AMIR Ahmad Elame / Amir	2nd / 230521
31	Tara Bashir / Tara	2nd / 230515
32	Aaliya Jan / Aaliya	2nd / 230509
33	SARAH BASHIR / SARAH	2nd / 230503
34	KULSUM FAROOQ / KULSUM	2nd / 230503

[Signature]

Department of Botany
Celebration of Biodiversity Week
Attendance

Day 5 (Valedictory)

S. No.	Name and Sign.	Semester/ Roll number
1	SABhat BASHIR / SABhat	2nd / 230509
(2)	KUBSUM FAKOOR / KUBsum	2nd / 230503
(3)	Aaliya Jan / Aaliya	2nd / 230515
(4)	Iqsa Bashir / Iqsa	2nd / 230521
(5)	Insha Shah / Insha	2nd / 230514
(6)	Aamina Jan / Aamina	2nd / 230540
7.	Susira Mukhtar / Susira	2nd / 230554
8.	Aaliya Binti-Bashir / Aaliya	2nd / 230524
9	Khushboo Rashid / Khushboo	2nd / 230549
10.	Ahmed Mohd ud din	2nd / 230538
11.	Malika Nisar	2nd / 230537
12.	Faza Mohiuddin Dar / Faza	2nd / 230546
13.	Andleeb Jahangir / Andleeb	2nd / 230534
14	Muhammad Asim / Muhammad	2nd / 232413
15	Muhammad Asim / Muhammad	2nd / 232405
16	Mohd Haziq Bhat / Haziq	2nd / 232412
17.	IKhtas Ahmed / Iqsa	2nd / 230315
(18)	MUNEER SHABIR / Muneer	2nd / 230505
(19)	FASIL NABI / Faisal	2nd / 232438
(20)	Tamveez Ali / Tamveez	2nd / 230508
21	Mazraat Rizwan / Mazraat	2nd / 230512
22.	Amir Ahmed / Amir	2nd / 230411

(Signature)



Office of the Head
Department of Botany
GOVT. DEGREE COLLEGE PULWAMA
NEWA ROAD PULWAMA-192301

Ref. No.: GDC/PUL/BOT/___/24

Date: 26th June, 2024

Notice

It is notified for the information of all the students of UG 4th Semester (with Botany as Major/ Minor Subject) and UG 2nd Semester (with MAP-II as SEC) who have registered for One-day Field trip to **Daksum/ Kokernag** on **1st July, 2024 (Monday)** that the department is conducting the event on the same day.

As such, all the registered students are directed to report at the college at **7:00 am** on **1st July, 2024 (Monday)** for departure to the venue of field trip.

Students must be wearing prescribed uniform and carrying College ID card with them.


Head,
Department of Botany

June 2024.



Office of the Dean
Department of Botany
GOVT. DEGREE COLLEGE PULWAMA
NEWA ROAD PULWAMA-192301

One-day Field trip: A Report

(Date: July 1st, 2024)

On July 1, 2024, a group of 43 students belonging to UG 2nd Semester (with MAP-II as SEC) and UG 4th Semester (with Plant taxonomy as a major/ minor), accompanied by 4 staff members and additional support staff, embarked on a one-day field trip to Daksum Herbal Garden. Departing at 7 am in two buses, they arrived at their destination by 11 am. During their visit to the herbal garden, the students observed numerous medicinal plants. The number of medicinal plant species there is around 50 as per informed by the field staff. The students and the staff interacted with Mr. Showkat Ahmad, who oversees the garden. He provided valuable insights into various aspects of medicinal plants, including their production, growth seasons, parts used, chemical constituents and both traditional and modern uses.


The students were highly engaged during the interaction, actively participating by asking questions and seeking clarification on various topics. This interactive session not only enriched their understanding of medicinal plants but also sparked a keen interest in the subject. After the informative session, the group proceeded to Kokernag Garden where they trekked and observed plants growing in the wild, further enhancing their knowledge and appreciation of natural flora.

The trip has been video-graphed and a concise video of the same can be found on the official YouTube channel of the college. You can access the same by clicking the link:

<https://youtu.be/czKy3DSEtIU?feature=shared>

The trip concluded successfully, with the group departing from the site at 6 pm and arriving back at the college by 8 pm. The students were then safely sent back to their respective residences. Overall, the field trip was a highly educational and enjoyable experience, providing the students with a deeper understanding of medicinal plants and their uses.

Please turn to the next page for a few representative photographs.


Head,
Department of Botany

Jul. 2024,

Glimpses of One-day Field-trip to Daksum



Figure 1: Students and the staff in the college at the time of departure



Figure 2: Students and the staff at the destination

T. K. S. S.

One-day Field trip to Daksum/ Kokernag

Attendance

01.07.2024

Departure from Field-trip site: Daksum / kokernag. (Time) 7:00 Am

Semester 2nd (CMAP)

S. No.	Name	Roll number	Mobile number	Signature
1	Amir Ahmad Ganaie	230411		
2	Kashamat Nazir	230543		
3	Aaliyah bint Bashir	230524		
4	Abiro Mohiuddin	230538		
5	Azra Aziz	230522		
6	Aliyah Bilal	232404	9103108197	
7	Khushboo Ayoub	230535		
8	Midhat Hameed	232417	9103951700	
9	Mehak Ishtiyag	230526	7809593007	
10	ANEESA AYOUB	230527		
11	MUNHIZA LATEEF	230532		
12	MALIHA NISAR	230537		
13	ANDLEEB JEANGIR	230534		
14	Suriya mukhtar	230554		
15	ruhul amin	232413		
16	Insha Shafi	230514		
17	Aamina Jan	230540		
18	Aaliya jan	230521		
19	Iqra bashir	230521		
20	Fazil Mohiuddin	230546		
21	Athar Mushtaq	230618		
22	Qulsum Farooq	230503		
23	Sabhat Bashir	230509		
24	Maroof-un -Nisa	230605		
25	Mehrun-nisa	230528		
26	Fiza Jan	230530		

Semester 4th

S. No.	Name of the student	Roll number	Contact	Signature
1	Ishaq ahmed kumar	220524	9086941648	
2	Uzma rashid	220540	8491949262	
3	Syed shahnesheen	220554	9906778901	
4	Snobar altaf	221328	9103147353	
5	Munhiza khursheed	220551	9103918147	
6	Owies altaf	222406	6005200634	
7	Suhail Manzoor	222401	7051449527	
8	MAJID MOHI UD DIN	222427	9541432094	MAJID MOHI UD DIN:
9	Bazzam Manzoor	220624	9541234539	
10	Tamana Nazir	220502	6005166458	
11	Bilqees Manzoor	220562	9149886956	
12	Saima jeelani	220521	6006182946	
13	Shafiya Jan	220514	9596084043	
14	Bisma Hassan	220505	7889532335	
15	Uzma riyaz	220563	9622656449	
16	Aabiroo sultan	220506	7889929024	
17	Sahil ahmad dar	220528	6005671633	
18	Shakir ahmad najar	220529	7096778057	
19	Jamid sultan	220565	9622953520	
20	Aasif hussain	220564	9797333615	
21	Tawkeer mushtaq	220517	7051995989	
22	Faisal ismail	220519	9541811162	

Cleanliness Drive under SWACHHATA PAKHWADA Initiative

A Brief Report

Areas covered: College campus, roads leading to college, canal near the campus and other adjoining areas

Date: 3rd August, 2024 (Saturday)

Organized by: All the departments and committees of the college (Department of Botany)

Participants: Teaching and non-teaching faculty, students and the local people

Objectives:

- To create awareness about the importance of maintaining a clean environment
- To contribute towards the community well-being (proper health and hygiene)
- To promote environmental sustainability

Activities undertaken:

1. **Clean-up operation:** The participants were divided into the groups led by different group leaders and assigned different areas in the surroundings of the campus. The group leaders were supervised and led by Dr Haris Izhar, Principal GDC Pulwama. Litter collected was segregated into biodegradable and non-biodegradable components and disposed of in an environment friendly manner. The areas covered included college campus, roads leading to the college, canals, etc.
2. **Awareness campaign:** Banners promoting cleanliness, health and hygiene and proper sanitation were displayed and the staff interacted with the local people and the shopkeepers regarding waste management practices. They were asked to keep their surroundings clean and to cooperate with the municipal committee officials for proper disposal of waste.
3. **Destruction of Cannabis and other weeds:** The weeds, including the narcotic Cannabis, were destroyed and disposed of properly. In addition, the shopkeepers were warned not to sell tobacco and allied items in the vicinity of the campus.

Outcome:

The cleanliness drive was a resounding success with an active participation of all the college staff (teaching and non-teaching) and local community. The latter appreciated the efforts put in by the college authorities in organizing such an event. Such initiatives help in developing a sense of belongingness and responsibility among the common masses, transforming them into more informed and responsible citizens.


Head Department of Botany

Aug, 2024.

*Photographs on next page

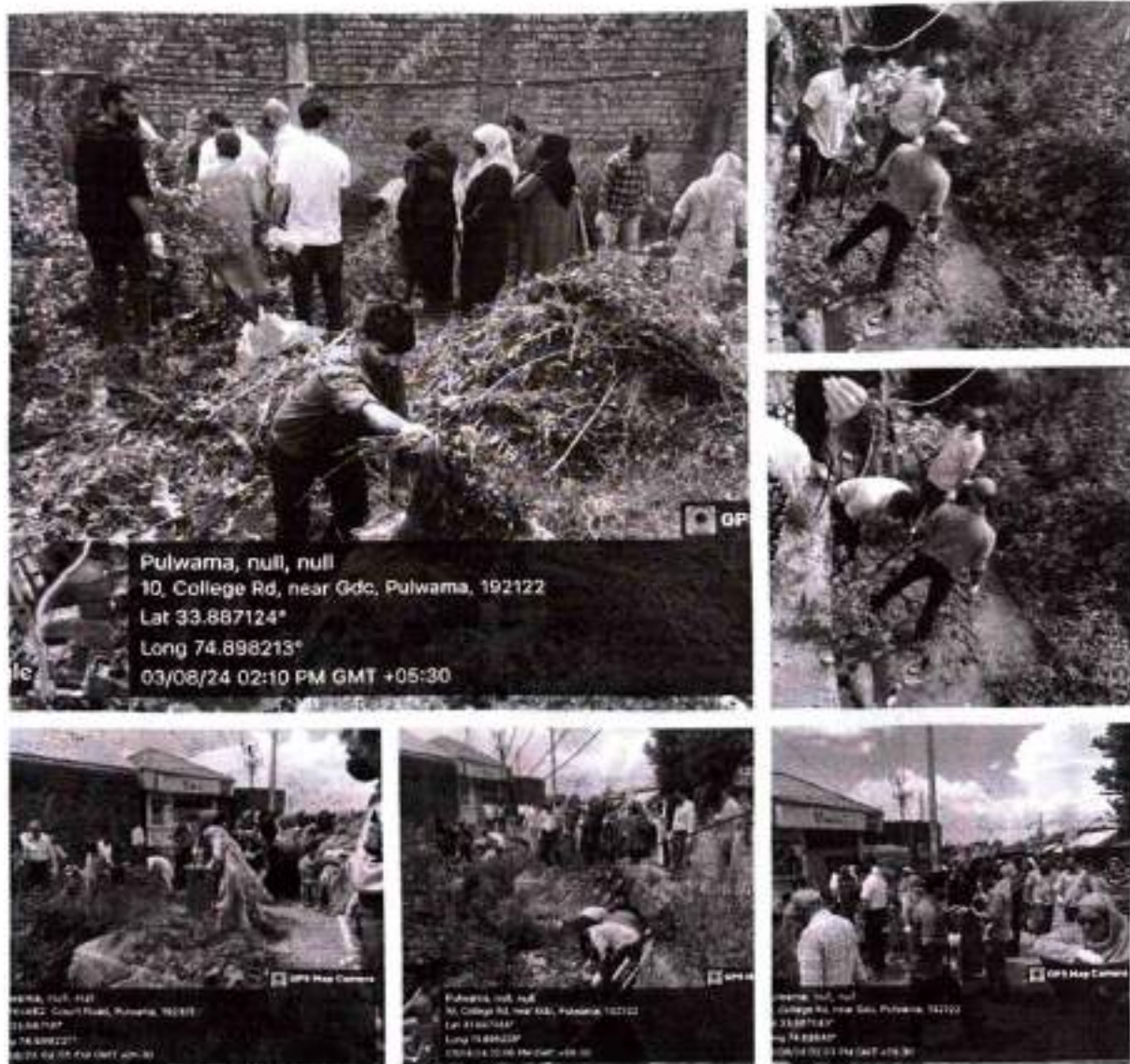


Figure 1: Collection of waste

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Office of the Head
Department of Botany
GOVT. DEGREE COLLEGE PULWAMA
NEWA ROAD PULWAMA-192301

Report on Seminar: "Culture of Integrity for a Nation's Prosperity"

Date: 2nd November 2024

Venue: Incubation Centre, Government Degree College, Pulwama

Organizers: Department of Botany, GDC Pulwama

Theme: Culture of Integrity for a Nation's Prosperity (Part of National Vigilance Week Celebration 31st October to 3rd November-2024)

Objectives:

1. To promote awareness about National Vigilance Week.
2. To emphasize the role of integrity in nation-building.
3. To encourage students to uphold integrity in their personal and professional lives.

Summary: The Department of Botany, GDC Pulwama, organized a seminar on "Culture of Integrity for a Nation's Prosperity" as part of National Vigilance Week celebrations. The program started with the Inaugural Address by Dr. Masood Majaz, Head, Department of Botany in which he stressed upon the formation of corruption free nations. He stressed upon the fact that India shall be witnessed as an example of equality transparency and Economic growth to bring all its citizens on a common platform of love and compassion for the country.

Student Speakers

1. Saqlain Mushtaq (Bsc. 1st Semester)
2. Rayees Ahmad Wani (Bsc. 1st Semester)
3. Aneesa Ayoub (BSc. 3rd Semester)

Saqlain Mushtaq and Rayees Ahmad Wani delivered thought-provoking presentations on the topic. Aneesa Ayoub, also shared her insightful views on National Integrity.

The seminar witnessed enthusiastic participation from students, who appreciated the program. About 40 students participated in the programme. The event aimed to promote awareness about the importance of integrity in achieving national prosperity.

Vote of Thanks was presented by Prof. Nighat Dijoo, Faculty, Department of Botany.

Proceedings of the seminar were conducted by Dr. Kouser Parveen, Faculty, Department of Botany

Outcome: The seminar successfully achieved its objectives, inspiring students to adopt a culture of integrity and contribute to the Nation's prosperity. The event reinforced the importance of integrity in achieving national prosperity and encouraged students to become responsible citizens.

Head Department of Botany

Nov. 2024

2/11/2024. List of Participants ^{Seminar} ~~culture of~~

Name	R. No	Semester	Contact NO
AZIK Bilal	241135	1 st	7006966870
Bushra Bashir	221129	5 th	9149714719
Jamane Jan	221125	5 th	6005077073
Sayyema Mushtaq	221101	5 th	6006534398
Sheikh Utoofah	221146	5 th	7006532939
Akeel Farooq	241045	1 st	6005173657
Faizan Majeed	230308	3 rd	6006127794
Mohammad Achar Dar	230313	3 rd	9103359647
DAR IMAD-ud-DIN	232134	3 rd	9622295210
Imam Bashir	232418	3 rd	- - - -
Muntazir FAROOQ	232132	3 rd	6005299189
OWAIS intizar	222141	5 th	6005998630
Sahil ah. Bhat	231404	3 rd	6005952844
Bilal Bilal-ah	242219	1 st	7089736262
Mohammad Aazib	242219	1 st	6006811161
UZAIR Nissar	242248	1 st	8899847163
Bilal seh	242219	1 st	7089736261
Sahil Bashir	241805	1 st	6006637480
Muneeb Shafiq	231108	3 rd	7006972287
Seerat-U-Zuhra	241131	1 st	8492051239
mehak-mohi-ud-din	241101	1 st	9797020053
Faisal-Ahmad-Wagay	232420	3 rd	6005856735
Akima Rasool	221115	5 th	6006455606
Saima Maryboal	221131	5 th	9596349500
Roomi Mousaf	231121	3 rd	7006601053
MUNTAZIR-Rehman	232209	3 rd	7006317287

List of Participants

Name	R. NO	Semester	Contd NO
Niman Kashid	241431	1st	7889311924
MUTAHIR FAROOQ	231916	3rd	8491077532
Allinda Nazir	220646	5th	7006495479
Bazzam Manzoor	220624	5th	9541234539
Fahem Javid	220558	5th	7006841073
Majid Mohiuddin	222427	5th	9541432094
Syed Mijlaba	222420	5th	7006409587
Suhail Manzoor	222401	5th	7051449527
Kifayat ulloh wani	222435	5th	6006619478



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Report on One-Day Botanical Tour to CITH (Central Institute of Temperate Horticulture) Rangreth Srinagar on 7th November-2024

Objective:

The primary aim of the one-day botanical tour was to educate 5th-semester Botany students on various aspects of plant pathology, including disease identification, symptoms, causal agents, and management strategies. The tour was organized by the Head of the Department of Botany, Dr. Masood Majaz, and aimed at enhancing students' practical understanding in the field of plant pathology.

Participants:

- **5th Semester Botany Students – 30**
- **Dr. Masood Majaz** – Head, Department of Botany
- **Dr. Kouser Parveen** – Faculty, Department of Botany
- **Non-teaching staff** – Department of Botany

Brief Overview of the Visit:

The students visited CITH- **Central Institute of Temperate Horticulture**, under the guidance of their faculty members and the other non-teaching staff of the department of Botany. The visit was structured to offer them first hand exposure to the research and practical applications in plant pathology, with a focus on disease identification, isolation techniques, and management strategies.

Program Details:

1. **Welcome Address:** Upon arrival, the students were welcomed by Dr. Om Chand Sharma, Director of CITH, who gave an insightful welcome address. Dr. Sharma highlighted the role of CITH in advancing horticultural research, especially in the areas of disease management, crop breeding, and biotechnology.
2. **Documentary Presentation:** A documentary was shown to the students, which provided an overview of the establishment of CITH, its milestones, and the significant contributions of the institute in the field of plant pathology and horticulture. The documentary also highlighted the work of CITH scientists and the institution's educational and extension services aimed at promoting sustainable agriculture.
3. **Technical Session on Disease Management:** The next session was led by Dr. Sajad un Nabi, Head Scientist of the Plant Pathology Division at CITH. Dr. Nabi conducted a comprehensive demonstration on the

[Signature]

techniques required for the identification, isolation, and management of plant diseases. He elaborated on various local and non-local plant diseases affecting the region and introduced the students to the symptoms and causal agents of these diseases. This session was highly informative and allowed students to gain insights into modern plant pathology techniques.

4. **Field Visit and Practical Demonstration:** After the session, the students were taken for a field visit where they observed the latest techniques being used for high-density plantation cultivation. During the visit, the students had the opportunity to interact with the researchers and observe the application of disease management practices in real-life scenarios. The techniques demonstrated focused on the practical management of plant diseases and how they are integrated into sustainable farming practices.

The students were particularly interested in the use of biotechnology and advanced crop management practices, which are aimed at increasing crop yield while ensuring minimal disease outbreaks.

Learning Outcomes:

1. **Understanding Disease Management:** Students gained a deeper understanding of the practical aspects of plant pathology, including the identification of diseases, their symptoms, and causal agents. The field demonstration also provided them with valuable knowledge about disease management techniques.
2. **Exposure to Advanced Techniques:** The students were introduced to cutting-edge techniques for high-density plantation and plant disease management, which will be crucial for their academic and professional growth in the field of botany.
3. **Future Research Opportunities:** The visit opened new avenues for research and study, as students were exposed to a broader spectrum of plant pathology and crop management. Many students expressed interest in pursuing further research in disease management and plant biotechnology.
4. **Hands-On Learning:** The hands-on experience during the field visit was particularly enriching, as students could observe the practical application of theoretical knowledge in plant disease management.

Conclusion:

The one-day botanical tour to CITH Rangreth proved to be an enriching experience for the students, providing them with valuable insights into the dynamic field of plant pathology. The exposure to modern research, disease



identification, and management techniques has broadened their understanding of the subject and sparked new interests in research and practical applications of plant science. This tour has contributed significantly to the academic growth of the students and will undoubtedly inspire many to pursue further studies and research in plant pathology and related fields.

Acknowledgements: The Department of Botany extends its gratitude to the Director of CITH, Dr. Om Chand Sharma, and the entire staff at CITH for their warm welcome and informative sessions. Special thanks to Dr. Sajad un Nabi for his comprehensive demonstration and to all the CITH staff who contributed to making the visit a success.



Sajad un Nabi

Educational Tour to Mansbal and Vayil Ganderbal, J&K

Department of Biotechnology, Biochemistry and Clinical Biochemistry, Govt. Degree College Pulwama organized an educational tour to Mansbal and Vayil in the Ganderbal district of Jammu and Kashmir on 12th June 2024 offered students a unique opportunity to explore the natural beauty and ecological significance of these places in the region.

Itinerary

The tour was meticulously planned to cover various aspects of educational value:

The journey to Mansbal Lake began early in the morning. The route itself provided educational value as students observed the changing landscapes and various agricultural practices en route.

Students were taken on a guided boat tour of the lake, where they observed the clear waters and submerged aquatic vegetation. The guide pointed out different species of fish and birds, emphasizing the lake's biodiversity.

Students gained a deeper appreciation for the importance of conserving natural habitats and the impact of human activities on ecosystems.

Tour was followed by travel to Vayil Ganderbal.

Visit to the Sind River

Students learned the river's role in local agriculture, economy of the region and also observe flora and fauna around the river.

The tour encouraged teamwork and collaboration among students, promoting social skills and collective learning.

The educational tour to Mansbal Lake and Vayil Ganderbal was a success, providing students with a rich blend of environmental education, cultural insight, and practical scientific experience. The knowledge and experiences gained from this tour are likely to have a lasting impact on the students, inspiring them to be more conscious and proactive towards the environment.





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GDCP/PHY//02

Dated: 02-06-2024

NOTICE

It is hereby notified for the information of all the students of 2nd and 4th Semesters that the Department is going to organize a Subject Tour to the High Altitude Research Laboratory (HARL), Gulmarg next week.

In this regard, all concerned students are informed to get themselves registered for the same and obtain the consent form duly signed by their parents/guardians before submission.

All are directed to cooperate accordingly.



ONE DAY
EDUCATIONAL TOUR TO
“DACHIGAM NATIONAL PARK”



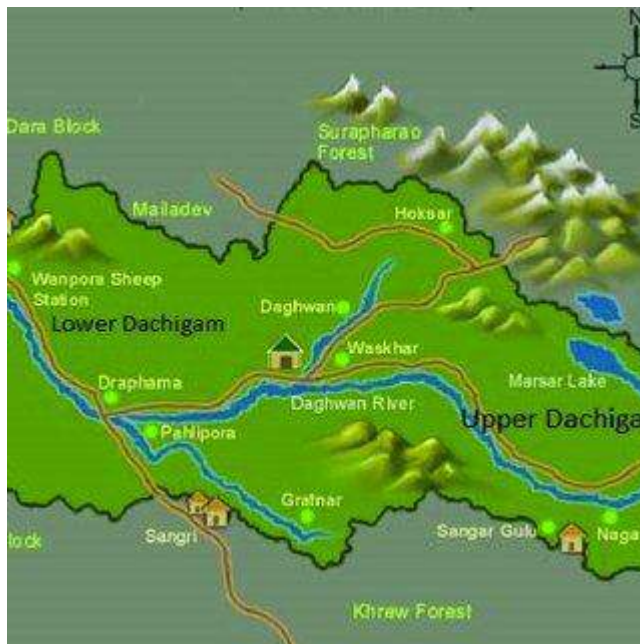
Theme: To study Flora and Fauna

Dated: 04-11-2025

ORGANIZED BY



DEPARTMENT OF ZOOLOGY
GOVERNMENT DEGREE COLLEGE PULWAMA



Dachigam National Park is located 22 km (Kilometers) from Srinagar in Jammu and Kashmir. It covers an area of 141 sq km (square kilometer). The name literally stands for ‘**ten villages**’, which could be in memory of the ten villages that were relocated in order to create the park.

Dachigam was initially established to ensure the supply of clean drinking water to Srinagar city. A protected area since 1910, it was declared as a national park in 1981. The park is best known as the home of the hangul, or Kashmir stag. Dachigam is open throughout the year, but the best time to visit is between April and August.

It was finally upgraded and declared a National Park in the year 1981. Topography Dachigam National park is located in the Zabarwan Range of the western Himalayas. The variation in altitude is vast, ranging from 5500 ft to 14000 ft above mean sea level. Due to this vast variation, the park is very clearly demarcated into an uneven region. The terrain ranges from gently sloping grasslands to sharp rocky outcrops and cliffs. Part of the park lies above the tree line and this area displays its own kind of natural beauty with bare rock mountains and crevices.

Flora

The mountainsides below the tree line are heavily wooded. Most of this coniferous forest consists of broad leaf species. Interspersed between these are alpine pastures, meadows, waterfalls and scrub vegetation with deep gullies,

locally known as Nars, running down the mountain face. Most of the grasslands and meadows, except in the harsh winters, are covered with brightly coloured flowers. Located high among its interiors is the Marsar lake from which flows the Dagwan river. This river flows all the way down to, and past, the lower region where it runs along the only proper road in the park and is also famous for its fish population, the trout.

Fauna

The main animal species that Dachigam is most famous for is the hangul, or the Kashmir stag.

Other species in image form:



VISIT REPORT:

It may not be easy to visit the Dachigam Park as we need special permit from the Chief Wildlife warden, but the trip is worth all the efforts! Thanks to **Prof. Mir Dilgeer Mehdi** for managing the permission swiftly.

On **4th November, 2025**, Department of Zoology, GDC Pulwama organized one day subject tour to Dachigam National Park as part of field work/curriculum activity. The group was led **Prof. Mir Dilgeer Mehdi** (HOD Zoology) and other staff members including Prof. **Seema Rashid, Dr. Irshad Ahmad Ahanger (I/c Semester), Dr. Hilal Ahmad Ganie, Dr. Saheel Ahmad Bhat, Dr. Showkat Ahmad, Dr. Nasir Ahmad** and the students of Semester 3rd (Major/ Minor groups).

This protected area on the outskirts of Srinagar is home to the last viable population of the threatened stag species: Hangul. The sunny weather was resonating well with our excitement and energy. Having picked up all the registered students, we reached the destination at around 11:00 am. The day's activity began with exploring the captivated animals – **Leopard, Black Bear** and **Brown Bear** (a newly rehabilitated one, which was showing in its meek behaviour!). Thereafter we kept pace towards Along the way, the flora welcomed and impressed us equally as it was ongoing autumn season. Moreover, **Morus, Juglans, Aesculus, Quercus**, a few **Platanus**, numerous Climbers and so on, knitted a beautiful and unquestionable ecosystem of biodiversity. Porcupine quills on roads, the tree canopy, the musical chirping of Warblers, the soothing climate, what not, it seemed as if nature was on exhibition and we were the blessed spectators. Walking for 1 km, we halted and we had a look of Fisheries Centre available in the Park, another treat for the eyes and the soul. The human management of the forest is very commendable. The camera traps, the salt licks, the foreign oaks, the tiny acorns – which later became the feast of bears – all were wonderful.

After walking, through very dense undergrowth with a breathing rate that is not usual and sweat rolling and trickling down the face amid an acute thirst for water but with empty bottles, when you turn around to see the valleys below, all green, you tend to forget your sore legs and dried throats. It couldn't get any better. Hushed discussions started here as well and finally, after observing the binocular/Mobile view of the surroundings, our trip of the day came to an end. "Exhaustedly relaxed", we started descending the trail. But with an air of excitement still in our nerves, we didn't let go of the sight of the Rainbow Trout Farm – yet

another example of the benefit of management and looking after on the part of humans. In sum, the trip was jaw-dropping.

The presence of disciplined students, teaching staff members, non-teaching staff beautified it even further. It was a blessed mix of respect, love and friendship amongst us as well as with the wildlife at the Dachigam National Park.

After an exhaustive visit to National Park, we had a joint lunch in a nearby Park which finally was our last phase of the tour. At Around 5PM all participants reached safely to their respective residences.

One is reluctant to leave the park as its beauty and consistent dose of peace captivates the heart and soul of a person. A visit to this place is a must to inculcate a sense of preservation and appreciation of wildlife in us – for the locals as well as the tourists.

Acknowledgment:

The teaching, Non teaching staff members and the students of ongoing **3rd Semester-Zoology** Department of Zoology, GDC Pulwama are highly thankful to the Principal, **Prof. Haris Izhar Tantray** for allowing the team to conduct the said tour.

Thanks to the Drivers of the buses also who drove us to and fro safely during the tour.

GLIMPSES OF THE TOUR FOLLOWS....







Report Compiled by:
Dr. Irshad Ahmad Ahanger
Lecturer,
Department of Zoology
GDC Pulwama

Department Of Physics

Subject Tour Report

On 11 June 2024, the Department of Physics organized a subject tour for the students of the 2nd and 4th semesters to visit the High Altitude Research Lab (HARL) in Gulmarg. This tour was meticulously planned to provide students with exposure to the practical applications of their syllabus.

Departure and Arrival

The tour commenced early in the morning, with the students and faculty members gathering at the college premises. The journey to Gulmarg took approximately three hours, providing ample time for students to discuss their expectations and excitement about the visit.

Arrival at HARL

Upon arrival at HARL, we were welcomed and directed to the conference hall. We were informed that the lab was currently occupied by students from Government Degree College (GDC) Pampore, who were engaged in a discussion with the scientists. This brief waiting period allowed our students to prepare their questions and focus on what they hoped to learn.

Lab Visit and Interaction

After a short wait, our students were invited into the lab. The scientists at HARL began by briefing the students on the various types of research conducted at the facility. They provided insights into their ongoing projects and the significance of their work in the context of current scientific advancements.

Discussion and Q&A Session

The students exhibited a high level of curiosity and enthusiasm during the interaction. They asked numerous questions about the relevance of HARL's research to contemporary scientific issues, particularly in the fields of cosmic radiations and geomagnetism. The scientists were pleased with the students' inquisitiveness and provided detailed explanations, making the session highly informative and engaging.

Conclusion and Return

The tour concluded at 4:00 PM. After expressing our gratitude to the scientists and staff at HARL, we began our journey back to the college. The return trip took about three hours, and we reached the college by 7:20 PM. The students were visibly thrilled and expressed that the tour was a highly enriching experience.

Feedback and Reflections

The students and faculty members unanimously agreed that the visit to HARL was invaluable. It not only enhanced their understanding of the theoretical concepts studied in class but also provided them with a glimpse into the real-world applications of physics research. The interaction with the scientists was particularly beneficial in sparking further interest and enthusiasm in the subject.

Conclusion

The subject tour to the High Altitude Research Lab in Gulmarg was a resounding success. It achieved its objective of acquainting students with the practical aspects of their physics curriculum and provided a memorable learning experience. The Department of Physics looks forward to organizing more such tours in the future to continue enriching the educational journey of our students.



Tour Incharg
Yasmeen Gull

HOD