



Government Degree College Dooru

Anantnag J&K -192211

Affiliated with University of Kashmir Srinagar

No: GDC/ZOO/Exp Tour/24/011



Date: 16/04/2024



EXPERIENTIAL/ZOOLOGY TOUR

Programme Type: Experiential Tour/Study Tour

Semester: 6th semester

Duration: One Day

Date: 16th April, 2024

Venue: CIRI & Department of Bioresource

Organisers: ISRO Headquarter & IIRS, ISRU Dehradun

No of Students: 35

REPORT

Department of Zoology carried out 'Experiential Learning'/Study Tour to the Department of Bioresource, and CIRI, University of Kashmir on **16th April, 2024**. The purpose of this programme was to visit reputed laboratories at the Department of Bioresource and CIRI, Kashmir University in order to learn basic techniques in immunology, including ELISA and Immuno-electrophoresis. This initiative was aimed to act as an exchange programme between two Institutions, and to provide platform for inculcating practical skill development among the students as envisioned in the NEP-2020. A total of 35 students from BSc 6th semester was part of this study tour. In addition, the students were accompanied by two faculty members and one non-teaching staff. Prior to the start of the study tour, students were given guidelines with regard to the rules and protocol to be followed during the visit to different laboratories of the Kashmir University.

In the 1st phase of the tour the students were taken to the Centre for Interdisciplinary Research & Innovations (CIRI) for the demonstration of latest protein analysis techniques. Dr. Altaf Bhat, Director CIRI while welcoming the students for their maiden visit to the research centre, stressed upon the students to learn advanced research tools and techniques so that they are able to find new career opportunities. He further impressed upon the students to take part in the research training programmes for BSc and MSc students initiated by the University of Kashmir. Afterwards, research scholar from Dr.



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Altaf's Lab. demonstrated in detail the modern techniques such as Mass Spectrometry and its applications. In addition to practical training students were shown all the necessary basic infrastructure in place in the CIRI for talented young scientists to carry out research in diverse areas of science. The students were also given update about the opportunities in the emerging fields in the CIRI for the budding science aspirants.

In the 2nd phase, students were taken to the Department of Bioresources for the purpose of learning immunological techniques. Students were welcomed by the Head Department of Bioresource, Dr. Manzoor Ahmad Mir by providing brief overview of the Department and facilities for the students to take up advanced research career. Dr. Manzoor Ahmad Mir highlighted the importance of the exchange training programmes between colleges and universities and stressed upon the students to take advantage of these initiatives. After the opening remarks by the HOD, Department of Bioresource, the students were taken to Bioresource Laboratory for practical demonstration of ELISA. Dr. Bashir Ahmad Lone (Lecturer), demonstrated the basic techniques of ELISA to the students. Dr. Bashir highlighted all the major aspects of ELISA and its application in the medical sciences. Later on, hands on training of ELISA technique was given to the students. After the completion of the hands on training, students were given refreshment and were taken to the short trip to the foreshore, where they watched the beautiful sceneries of world famous Dal lake.

HOD Zoology

PRINCIPAL

Rapporteur: Dr. Ummer Rashid Zargar



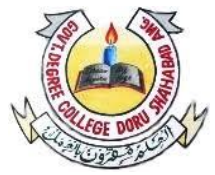
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Laboratory Learning at CIRI, University of Kashmir



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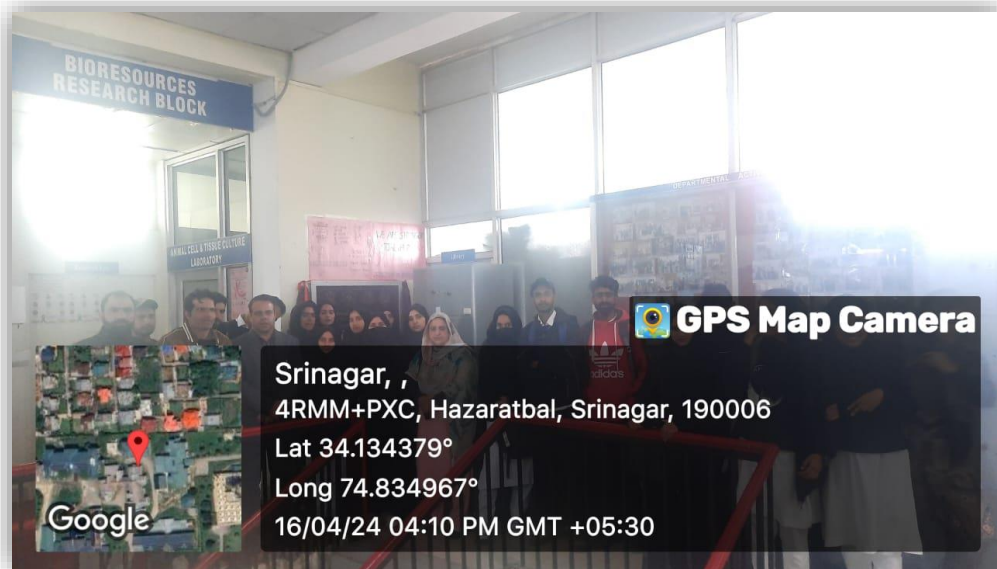
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Laboratory Learning at Department of Bioresource, University of Kashmir

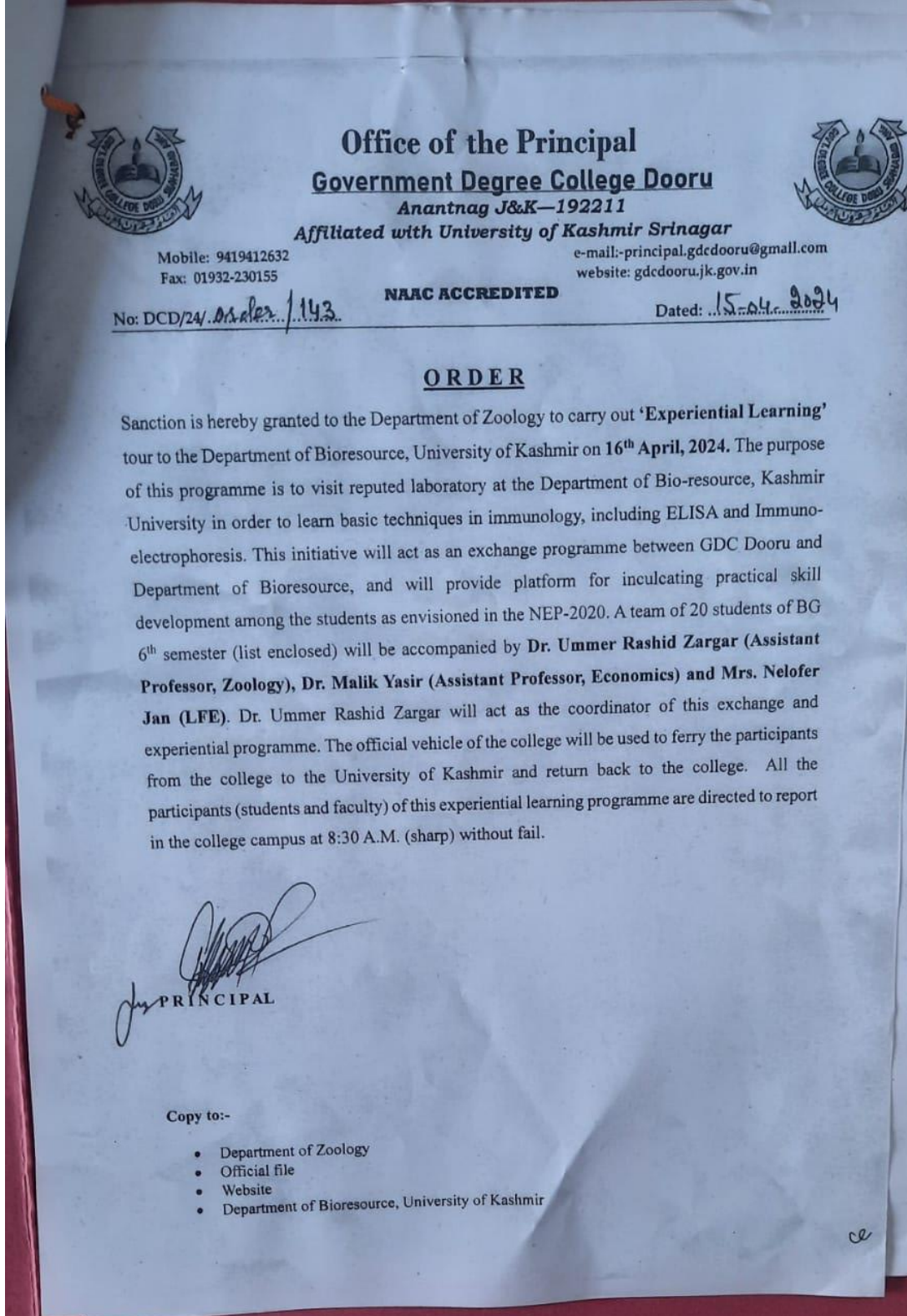


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GDC- Dooru

Department of Zoology

Immunology Study Tour for students of 6th semester to Kashmir University
(16.04.2024)

S.No	Name of The Student	Class Roll Number
1	Aaliya Jan	99
2	Bisma Nazir	100
3	Rumysa Jan	138
4	Bushra Riyaz	103
5	Zeenat Shabir	90
6	Tabish Bashir	132
7	Tabish Tariq	136
8	Misba Firdous	141
9	Mudawar Rehman	140
10	Syed Bushra	05
11	Asma Jan	143
12	Muzamil Yousuf	129
13	Gazala Fayaz	145
14	Farhat Hussain Deva	131
15	Yasir Manzoor	45
16	Yasir Malla	43
17	Ishfaq Ahmed Malik	32
18	Tazima Iqbal	11
19	Tazkiya Amin	13
20	Sibat Nizar	50
21	Ruheena Gull	19
22	Yawar Hameed	142
23		
24		
25		



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AWARENESS PROGRAMME ON CONSERVATION OF WATER BODIES

Programme Type: Awareness Programme on 'Conservation of Water Bodies'

Semester: 6th semester

Duration: One Day

Date: 16th April, 2024

Venue: Dal Lake

Organisers: NSS & Eco Club

No of Students: 35

REPORT

A group of 35 NSS volunteers along with faculty members were taken to world famous Dal Lake for awareness programme with regard to conservation of water bodies. The NSS Officers accompanied the volunteers to the selected site for the programme to kickstart. The aim of this programme was to highlight the importance of water bodies for the sustainable development, the current status of deterioration and future planning for the conservation. After reaching Dal Lake, students were given basic information about Dal Lake, such as its morphometry, its topography and current status of physicochemical features. The NSS officers further explained the historical importance of Dal Lake and the current socio-economic importance. The students were apprised of different factors which emerged in the last four decades that were responsible for the deterioration of environmental quality of Dal Lake. After the brief description about the Dal Lake, students were shown different basins of the lake and the areas which are currently showing altered ecological conditions. The NSS volunteers also participated in the cleanliness drive in and around foreshore area of Dal Lake. After the completion of cleanliness drive, students took pledge to work for the sake of sustaining the serenity of water bodies at all cost and also pledged to carry out sustainable practices to conserve water bodies.

PRINCIPAL



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Students participating in the Awareness Programme on 'Conservation of Water Bodies'