



**Department of Biochemistry  
GDC Kulgam**

## Study Tour Report

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On 5<sup>th</sup> July 2022, Department of Biochemistry organized one day study tour for 5<sup>th</sup>, 4<sup>th</sup> and 3<sup>rd</sup> semester students. The purpose of visit was to enhance students' interests, knowledge and motivation. It was also aimed at fostering a spirit of scientific enquiry and creativity among students. We went Yousmarg which is a meadow, wild habitat and hence a non-agricultural habitat. Our research methodology was divided into 3 parts, interviewing the students, observing the nature and taking photographs. We collected some medicinal plants to the lab to analyze their chemical nature and for isolating their active ingredients to assess their biology effects like antioxidant and antimicrobial activity. We also found insects feeding on rare wild host plants. We brought insects in the lab to feed on the plant and check its complete life cycle. The plant material can be further used for DNA analysis to identify the species of the plant(s).

### Photo Gallery



### Acknowledgement

On behalf of all the Department members, I sincerely like to thank our Principal, Prof. (Dr) Manzoor Ahmad Lone for his support and making it possible to conduct the tour. Our heartfelt gratitude to Dr. Haleem Ahmad Wani for his support and valuable assistance throughout the trip. Our sincere thanks to Mr. Tariq Ahmad Ganie and Mr. Bashir Ahmad for their selfless service and without their assistance the tour would not have been a success. Last but not least to the Convenor of the transport committee Dr Aijaz Ahmad, Department of Physics for the making the facility of transport available for the tour.

Sd/  
Head  
Department of Biochemistry