

One Day Exposure Visit/Subject Tour to Doodhpathri Budgam

In order to expose students to the natural repositories of various medicinally important natural products and the herbal wealth of wild medicinal plants of high mountains of Jammu and Kashmir, the department of Chemistry, GDC Kulgam conducted a day long exposure visit/subject tour for 2nd semester students to Doodhpathri area of Budgam district on June 12, 2023. Around 35 students accompanied by the head and faculty of the department of Chemistry participated in the tour. The area is known for its plant biodiversity which is a potential source of revenue for the state. Various plant species inhabiting the area include *Sassauria lappa*, *Dioscorea deltoidea*, *Aconitum heterophyllum*, *Picorrhiza kurooa*, *Podophyllum hexandrum*, *Atropa belladonna*, *Artemisia* sp, *Jurinea micropylla* in addition to various species of mosses. The area was scanned by the students under the supervision of faculty members of the department for identifying various medicinally important plants. The students also collected some medicinal plants like *Artemisia* sp, *Atropa belladonna* and *Podophyllum hexandrum*. The students also conducted on spot analysis of water samples of streams and springs of the area for their physicochemical parameters like pH, TDS and Conductance using portable device.

