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Govt. Degree College Pampore

گورنمنٹ ڈگری کالج پانپور (کشمیر)

Report on Geomorphic and Economic Field Survey

Department of Geography, GDC Pampore

Date: 24-09-2026

Field Survey Report: Geomorphic and Economic Field Survey of Haijan Brenwar

Organized and Conducted by: Department of Geography

Date of Survey: 24th September 2026

Location: Haijan Brenwar, Budgam District, Jammu & Kashmir

Participants: 25 Students and 2 Faculty Members

The Department of Geography organized a one-day field survey originally scheduled for Doodhpathri. Due to unforeseen security closures along that route, the field site was shifted to Haijan Brenwar, an ecologically and geomorphological rich area situated along the same corridor in Budgam district. The primary objective was to assess the local landforms, rock types, drainage features and economic activities complemented by a field trek to the local water dam site. The field site at Haijan Brenwar provides an excellent vantage point for examining Himalayan river valleys, slope dynamics, vegetation gradients, and rural mountain livelihoods. The educational objective of the field survey was to study the geomorphic landscapes and local economic geography in the Kashmir Himalayas.

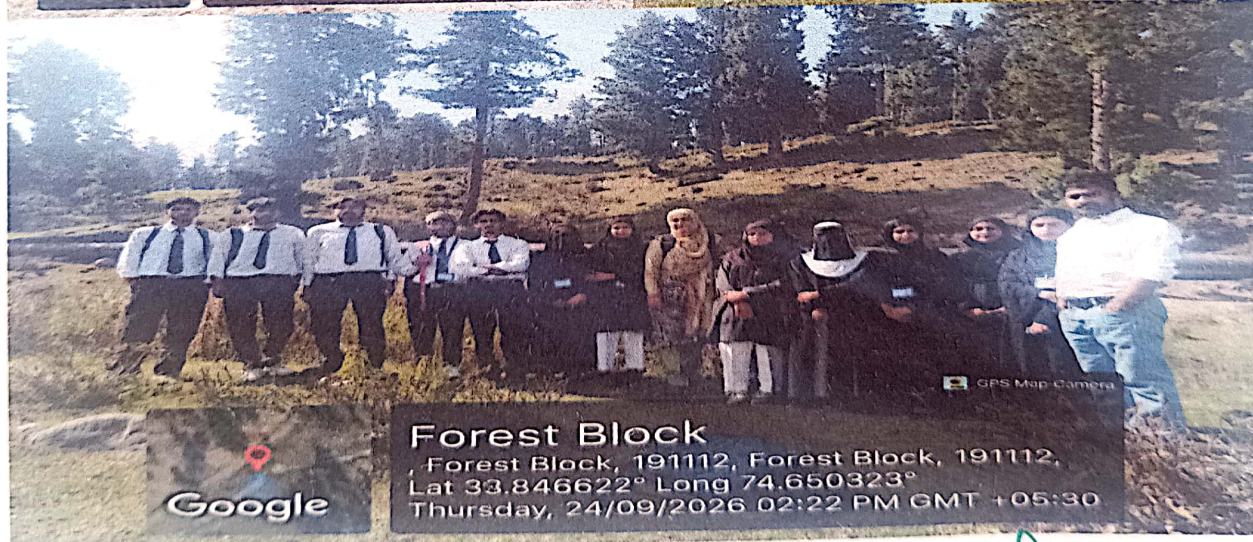
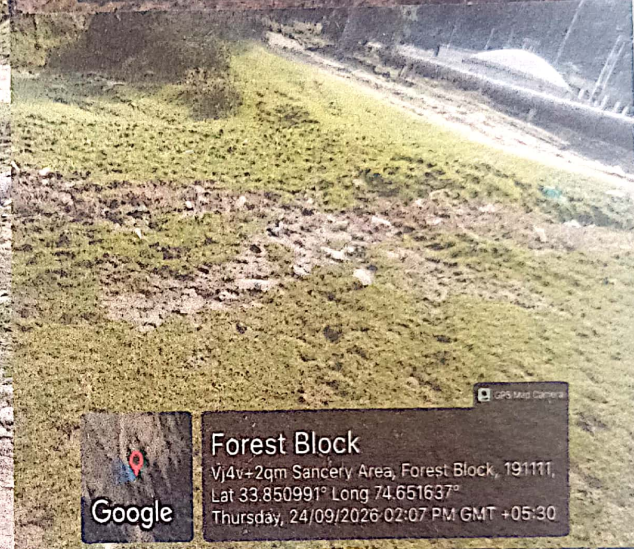
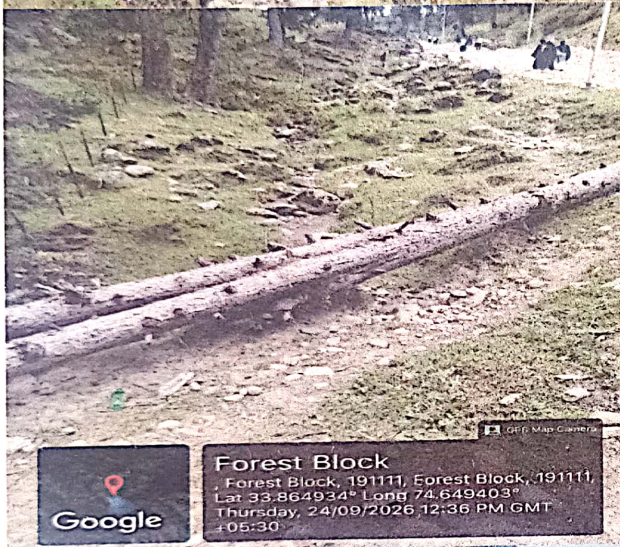
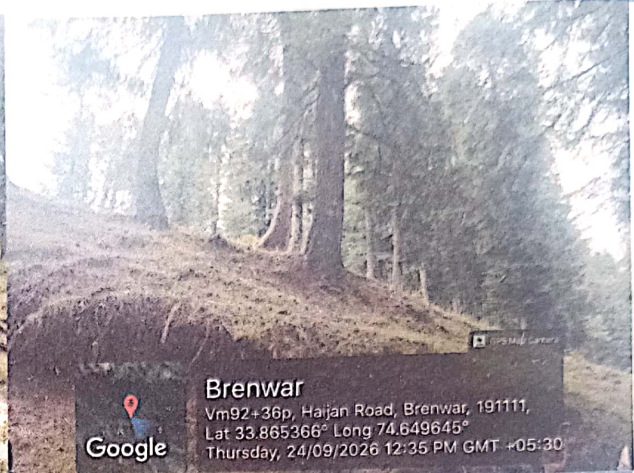
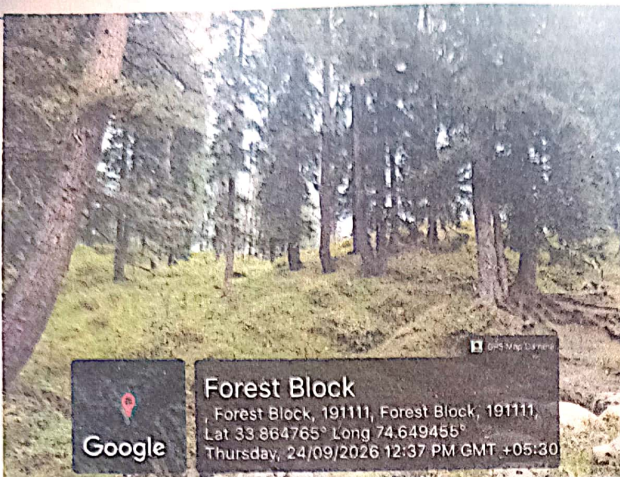
The students were escorted and supervised by Dr. Sidrat Ul Muntaha Anees, Head of Department, Geography and Dr. Jahangeer Mohd. Reshi (AA) Environmental Science throughout the survey. Guided by the Head of Department, students observed and analyzed several physical geographical features, identification of predominant rock types, fluvial landforms, mass wasting and slope dynamics and weathering processes visible along slopes and mountain tracks.

The team conducted an interactive trek toward the dam situated in the area to assess the dam's function in flood attenuation, local irrigation and drinking water supply as well as observation of siltation, bed load deposition and human alterations to natural stream channels. An economic and socio-cultural survey included the assessment of land use and agriculture, observation of terraced farming practices, orchard cultivation and seasonal pasture usage. Assessment of resource dependency like dependence of the local community on forest resources and mountain streams was also conducted.

Students gained hands-on experience in identifying primary rock formations and understanding weathering agents in a fragile Himalayan ecosystem. The trek to the dam site contextualized theoretical knowledge regarding human interventions in natural drainage basins. Haijan Brenwar holds significant potential for further micro-level geographic and environmental studies. It serves as an accessible alternative field site within the Budgam district for studying mountain geomorphology and land-use changes.

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Dr. Sidrat Ul Muntaha Anees
HOD Geography

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