

**GOVERNMENT OF INDIA  
MINISTRY OF EARTH SCIENCES  
RAJYA SABHA  
UNSTARRED QUESTION NO. 834  
TO BE ANSWERED ON TUESDAY, 27<sup>th</sup> JULY, 2021**

**STUDY OF GLACIOLOGY IN THE COUNTRY**

**834. SHRI PARTAP SINGH BAJWA:**

Will the Minister of EARTH SCIENCES be pleased to state:-

- (a) whether any Government or private universities in the country undertake undergraduate or postgraduate courses on glaciology and if so, the details thereof;
- (b) the number of students who have been enrolled for glaciology courses since 2010;
- (c) the number of students who have completed glaciology courses since 2010; and
- (d) whether the Ministry has any estimates on the number of glaciologists needed in the country and the steps Government has taken to popularise glaciology?

**ANSWER  
THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR  
MINISTRY OF SCIENCE AND TECHNOLOGY  
AND EARTH SCIENCES  
(DR. JITENDRA SINGH)**

- (a) There is no government or private universities in the country undertake undergraduate or postgraduate courses on glaciology. However, glaciology is taught as a branch of Geomorphology to the Earth Science/Geology students at under and postgraduate levels at many Central and State Universities, IITs and IISERs across India. Also, several PhDs are carried out on important scientific questions in the field of glaciology in several academic and research Institutes.
- (b) Does not arise.
- (c) Does not arise.
- (d) MoES does not have any estimate on the number of glaciologists needed in the country. MoES is advocating with few Universities to have a curriculum in Glaciology.