

Department of Remote Sensing and GIS
University of Jammu, Jammu
List of registered Ph.D scholars

S.No.	Name of the candidate	Supervisor/Co-supervisor	Title	Date of Registration	Date of completion
1	Dr. Purushottam Kumar Garg	Prof. A.S. Jasrotia/ Dr. Aparna Shukla	Assessment of variable response of Himalayan glaciers to climate change using geospatial techniques	01.05.2015	18.09.2019
2	Dr. Deepika Baru	Prof. A.S. Jasrotia	Impact of climate variability and land use change on hydrological regime of different regions of the J&K using geospatial technologies	01.05.2015	17.10.2023
3	Dr.. Kuljit Kour	Prof. A.S. Jasrotia/ Dr. Vaibhav Garg	Estimation of water budget of different region of Jammu and Kashmir using satellite data and hydrological model	01.05.2015	15.02.2024
4	Mr. Sadiq Ali	Prof. A.S. Jasrotia	Impact of Climate Change on Desertification status, Vulnerability and Adaption of Kargil Valley (Ladakh Himalaya) using Geospatial Techniques	01.05.2016	Cancellation
5	Mr. Rohit Malhotra	Prof. A.S. Jasrotia	Development of a model to predict mobility of vehicles over desert, semi desert and plain terrain using geospatial technologies.	01.05.2017	30.04.2026
6	Dr. Bisma Yousuf	Prof. A.S. Jasrotia	Glaciological investigations on the Gangotri glacier, central Himalaya using systematic geospatial approach	01.05.2017	13.07.2023
7	Mr. Pankaj Prashar	Prof. A.S. Jasrotia	Debris thickness variability and its relation with terrain parameters of Drang Drung glacier, North Western Himalaya	01.11.2018	Cancellation
8	Mr. Suhail Ahmad	Prof. A.S. Jasrotia/ Dr. Praveen K. Thakur	Glacier dynamics and debris thickness variability of Drang-Drung and Pensi La glaciers, North Western Himalayas.	01.11.2019	03.03.2026
9.	Mr. Komal Kumar Singh	Prof. A.S. Jasrotia/ Dr. Praveen K. Thakur	Development of a hydrological model to extrapolate the changes of climate and land use/land cover dynamics of Tawi catchment, western Himalayas	01.11.2019	25.02.2026
10	Mr. Gurnam Parsad	Dr. Ajay Kumar Taloor	Synthetic Aperture Radar based dynamics and mass balance study of benchmark glaciers of Himalayas	31.05.2022	
11.	Mr. Pushup Mahajan	Prof. A.S. Jasrotia	Estimation of debris, ice thickness and impact of debris on mass balance and climate dynamics of benchmark glaciers of Upper Indus basin.	31.10.2022	
12	Mr. Nikhil Kumar	Prof. A.S. Jasrotia	Dynamics of Siachen Glacier and its relationship with climate change using geospatial approach in Nubra Valley, Karakoram Himalaya.	21.02.2024	
13	Ms. Monika Sharma	Prof. A.S. Jasrotia	Assessment of Climate Change and sediment dynamics on the morphology of Tawi river using Geospatial Techniques	24.05.2025	
14	Mr. Akash Basotra	Dr. Ajay Kumar Taloor	Glacier dynamics and glacio-hydrological modelling of the Rulung Glacier Ladakh Himalaya	09.09.2025	Enrolled
15	Mr. Anurag Sharma	Prof. A.S. Jasrotia	Basin-sale multi-hazard risk assessment and mitigation framework for cryosphere instability and downstream hazard cascades in north-western himalaya	09.09.2025	Enrolled

