


# Brief Curriculum Vitae

## Personal Details:

<b>Name:</b>	Syed Danish Kashani	
<b>Email ID:</b>	<a href="mailto:danishkashani@uok.edu.in">danishkashani@uok.edu.in</a>	
<b>Designation</b>	Assistant Professor	
<b>Contact:</b>	+91 - 9697101719	
<b>Official Address:</b>	Department of Geoinformatics, University of Kashmir, Srinagar, Jammu and Kashmir - 190006	

## Academic Qualifications:

Degree	Major	Year	University	Percentage	Rank/Division
Ph.D. Geoinformatics	Glacial Lake Outburst Flood Risk	2022- Ongoing	University of Kashmir	-	-
M.Sc. Geoinformatics	Remote sensing, GIS	2021	University of Kashmir	86.5%	<b>Second Position</b>
B.Sc.	Physics, Electronics, and Mathematics	2018	University of Kashmir	72%	<b>First Division</b>
<u>Awards/Rankings</u>					
National Eligibility Test (NET) (PhD)	Disaster Management	2025	University Grants Commission	-	-
Inter-University GIS Innovation Challenge	Geospatial automation and machine learning	2024	State Government J&K	-	<b>First Position</b>
State Eligibility Test (SET)	Earth, Atmospheric, Ocean & Planetary Sciences	2024	University of Jammu	-	-
Graduate Aptitude Test in Engineering (GATE)	Geomatics Engineering	2022	Indian Institute of Technology Kharagpur	-	<b>All India Rank 456</b>

**Specialization:** Cryosphere-related hazards; Glacial Lake Outburst Floods; Artificial Intelligence

## **Publications in peer-reviewed Journals/Conferences:**

- Kashani, S. D. R.**, Aneaus, S., Rashid, I., Banerjee, Argha., Majeed, Ulfat. (2026). Glacial lake outburst flood susceptibility and potential downstream implications across the Kashmir Himalaya. *Journal of Glaciology*, 72, e15, 1-20. [IF-2.6]
- Kashani, S. D. R.**, Jan, F. Z., Bhat, I. A., Najar, N. A., & Rashid, I. (2025). A comprehensive dataset of above-ground forest biomass from field observations, machine learning, and topographically augmented allometric models over the Kashmir Himalaya. *Data in Brief*, 58, 111262. [IF-1.4]
- Rashid, I., & **Kashani, S. D. R.** (2025). Forest dynamics and above-ground forest biomass changes utilizing Google Earth Engine, machine learning, and field-based observations in the Kashmir Himalaya, India. *Environmental and Sustainability Indicators*, 27, 100759. [IF-5.6]
- Bhat, I. A., Najar, N. A., **Kashani, S. D. R.**, Jan, F. Z., Rashid, I., & Bhat, S. Y. (2024). Light-absorbing impurities in glacial environments over the western Himalaya from reanalysis data and in situ observations. *Data in Brief*. 55, 110602. [IF-1.4]
- Rashid, I., Bhat, I., Najar, N. A., Kang, S., Jan, F. Z., Dar, S., Bhat, S. U., **Kashani, S.D.R.**, & Rasool, W. (2022). Aerosol Variability and glacial chemistry over the Western Himalayas. *Environmental Chemistry*, 19, 312-327 [IF-2.3]

## **National and International Patents:**

- Khanday. F., Rashid, I., Rashid, O., Lone, J. H., **Kashani, S. D. R.** (2025). Self-Navigating Boat for Fire Mitigation and Aquatic Ecosystem Monitoring. *Design Patent, United Kingdom.*