**Curriculum Vitae**

**GULZAR HUSSAIN**

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**Academic Qualifications:**

NET/JRF Joint CSIR-UGC 2012 Rank 66/171 2012

M.Sc.Geology University of Jammu 64.29% 2012

B.Sc. University of Jammu 60.24% 2010

HSC CBSE 70.16% 2007

**Present Status:** Guest lecturer at Department of Geology, GDC Kargil, UT Ladakh.

**Career Objective**: To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in research field with sheer determination, dedication and hard work.

**Topic of Research**: Geotechnical investigation and landslide susceptibility mapping along the national highway between Kargil and Leh.

**Supervisor(s):** Dr Yudhbir Singh and Prof. G. M. Bhat

**Publications:**

**1. Hussain, G.**, Singh, Y. and Bhat, G.M. (2015) Geotechnical Investigation of Slopes along the National Highway (NH-1D) from Kargil to Leh, Jammu and Kashmir (India). *Geomaterials*, 5, 56-67.[**http://dx.doi.org/10.4236/gm.2015.52006**](http://dx.doi.org/10.4236/gm.2015.52006)**.**

**2.** Sangra R., Singh, Y., Bhat, G. M ., Pandita S. K., and  **Hussain, G.** (2017) Geotechnical Investigation on Slopes Failures along the Mughal road from Bafliaz to Shopian, Jammu and Kashmir, India. Journal of Geological Society of India 2017)

3. **Hussain, G.,** Singh, Y., Bhat, G. M. and Sangra R. (2018) Landslide Susceptibility Mapping along the National Highway-1D, between Kargil and Lamayuru, Ladakh Region, Jammu and Kashmir, India.Journal of Geological Society of India 2017

4. Singh, Y., Haq, A. U., Bhat, G. M., Pandita, S. K., Singh, A., Sangra, R.,**Hussain,G** & Kotwal, S. S. (2018). Rainfall-induced landslide in the active frontal fold–thrust belt of Northwestern Himalaya, Jammu: dynamics inferred by geological evidences and Ground Penetrating Radar. *Environmental earth sciences*, *77*(16), 592.

5.Ahmed, B., Sammonds, P., Saville, N. M., Le Masson, V., Suri, K., Bhat, G. M., Hakhoo,N,.Jolden,T.,**Hussain,G** & Thusu, B. (2019). Indigenous mountain people’s risk perception to environmental hazards in border conflict areas. *International Journal of Disaster Risk Reduction*, 101063.

6. Hakhoo, N., Bhat, G. M., Pandita, S., **Hussain, G.**, Haq, A. U., Hafiz, M., ... & Thusu, B. (2019). Natural hazards their drivers, mechanisms and impacts in the Shyok-Nubra Valley, NW Himalaya, India. *International Journal of Disaster Risk Reduction*, 101094.

7 .**Hussain, G.,** Singh, Y., Bhat, G. M.Sharma,S Sangra Rand Singh,A. (2019). Journal of the Geological Society of India.Geotechnical Characterisation and Finite element analysis of two landslides along the National Highway 1-A (Ladakh region, Jammu and Kashmir)(2019)(Accepted in Journal of Geological Society of India)

**Conference and Workshops Attended:**

1. 101st Science Congress 2013 (3-7 Feb-2013)

2. 10th JK Science Congress 2015 (14-16 Mar.2015)

3. Refresher course on Structural Geology organised by Geological Survey of India, Western Region (16-25th Nov.2015)

4. 33rd Convention of Indian Association of Sedimentologist.(12-14 Nov.2016)

5. Two day workshop on Increasing Resilience to environmental hazards in border conflict zones at Leh organised by IERT, University of Jammu and UCL, UK (10-11th June, 2017)

**Award and Honors**

1. Best poster presentation in 10th JK science congress 2015.

**Declaration:** I hereby declare that the information furnished is true to the best of my knowledge and belief.

Gulzar Hussain