

## Kumaun University, Nainital

### Curriculum Vitae

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Name : Mr. Masoom Reza  
 Designation : Assistant Professor (C)  
 Department : Geography  
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#### Educational Qualification

Degree	University	Subjects	Year
B.A. (Honours)	Sikkim University	Geography	2012
M.Sc	Kumaun University	Remote Sensing	2014
PG Diploma	Kumaun University	Climate Change	2019
M.Sc	UOU	Geography	2021
UGC - NET	UGC	Geography	2021
Ph.D (Pursuing)	Kumaun University	Physical Geography	-

#### Work Experience (add row if required)

Position	Department	University/Organization	Year
JRF	NE - UNIT	GBP NIHE, Almora	Nov 2015 – Dec 2016
JRF	Geography	Kumaun University, Nainital	Dec 2016- April 2019
Assistant Professor (C)	Geography	Kumaun University, Nainital	Aug 2023 – Till date

#### Research Interests

Working in the domain of Glacial Geomorphology, Biogeography, Application of Remote sensing and GIS in Earth Surface Processes, GIS analysis and mapping etc.

#### Publications (start from recent publications)

##### a) Research Papers (add row if required)

Authors name	Title of the paper	Journal, vol, page no	Year
Masoom Reza and Joshi, Ramesh Chandra and Nabiyal, Chandra and Negi, Mamta	Glacier Retreat and Pro Glacial Lake dynamics of Darma Valley, Central Himalaya, India	Bulletin of Geography. Physical Geography Series, No. 25 (2023): 51–62. <a href="http://doi.org/10.12775/bgeo-2023-0009">http://doi.org/10.12775/bgeo-2023-0009</a> ; eISSN: 2300-8490, IF: 1.56	2023

Adam Emmer.....,R.C. Joshi.,.,Masoom Reza	Progress and challenges in glacial lake outburst flood research (2017–2021): a research community perspective	Natural Hazards and Earth System Sciences, European Geosciences Union, DOI: <a href="https://doi.org/10.5194/nhess-2022-143">https://doi.org/10.5194/nhess-2022-143</a> ; eISSN: NHES 1684-9981	2022
Masoom Reza and Joshi Ramesh Chandra	Snow Cover Dynamics and its Spatio-Temporal Distribution in the Central Higher Himalaya of India	Disaster Advances, Vol. 14 (9), Pp-15-22	2021
Mamta Negi, Dr. R.C. Joshi and Masoom Reza	Glacier Retreat and Changing Snow Cover In The Upper Goriganga River Basin, Central Himalaya	ENVIS Bulletin, Himalayan Ecology, Vol.28, Pp. no..-51-54	2020
R C Joshi and Masoom Reza	Rural Environment Characteristics: A Case study of the selected central Himalayan Villages	National Geographical Journal of India, Vol. 64 No. 1-2, ISSN No. 0027-9374, .Pp. 144-154	2018
R C Joshi and Masoom Reza	Building Geodatabase on Village Information System using Geospatial Technology an example of Bajoon Village Central Himalaya, India	IJCRT, VOL. 6, Issue 2, pp-563-577, ISSN No.2320-2882	
Anil Fartiyal, Masoom Reza, R.C. Joshi and Ira Tiwari	Identification of Plant Species and Their Relationship with Altitude and Slope Aspect: A Case Study from Naini Lake Catchment, Central Himalaya	Geography, Environment, Sustainability, Vol.11, No 4, p. 56-66, DOI10.24057/2071-9388-2018-11-5-56-66, ISSN 2542-1565	2017
Mahendra S. Lodhi and Masoom Reza	Morphometric Analysis of Singki River Catchment using Remote Sensing & GIS: Papumpare, Arunachal Pradesh	International Journal of Advanced Remote Sensing and GIS, Volume 6, Issue 1, pp. 2023-2032, Article ID Tech-694, ISSN 2320 – 0243	2017
Masoom Reza and M.S. Lodhi	<b><i>Phrynium Capitatum</i></b> , अरुणाचल प्रदेश का एक बहुपयोगी उपयोगी पौधा	हिमप्रभा-राजभासा पत्रिका, GB Pant National Ins. of Himalayan Env. & Sus. Dev.	2015

b) Book chapters (start from recent publications) (add row if required)

Authors name	Title of the book	Publisher	ISBN	Year
Masoom Reza and Joshi Ramesh Chandra	Glacier's Response Over Gradual Increase of Supra-Debris in Valley Glacier, Central Himalaya	Springer, Nature Japan Lte		2024

R C Joshi and Masoom Reza	Geo-Spatial Database for village resources: A case study of selected villages from the central Himalaya	Springer, Nature Singapore Lte	978-981-16-7731-1	2022
Masoom Reza and M.S. Lodhi	Forest Cover Monitoring Using Geospatial Technology: a case study of Papumpare, District, Arunachal Pradesh	Human Development and Natural Resource Management, Edition: 2018, Published by: Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-93-5056-896-5,	2016

c) Conference Publications/Proceedings (start from recent publications) **(add row if required)**

Authors name	Title of the paper	Conference name	Year
R C Joshi and Masoom Reza	Physical and Cultural Landscape of Arunachal Himalaya	Environment, Resources and Development of the Indian Himalaya, HNB Garhwal	2018

**Teaching details (add row if required)**

Name of the course/paper	Department	University	Year
Remote Sensing – (M.A./M.Sc.)	Geography	Kumaun University	2023 – 24
GIS and GPS – (M.A./M.Sc.)	Geography	Kumaun University	2023 – 24
Agriculture Geography (M.A./M.Sc.)	Geography	Kumaun University	2023 – 24
Practical (UG- 1 <sup>st</sup> , 2 <sup>nd</sup> and 3 <sup>rd</sup> Year)	Geography	Kumaun University	2023 – 24
Practical (GIS) – UG – 3 <sup>rd</sup> Year	Geography	Kumaun University	2023 – 24
Tourism Geography – UG – 2 <sup>nd</sup> & 3 <sup>rd</sup>	Geography	Kumaun University	2023 – 24
Applied geomorphology – UG – 1 <sup>st</sup>	Geography	Kumaun University	2023 – 24
Social Cultural Diversity of Uttarakhand – UG – 2 <sup>nd</sup>	Geography	Kumaun University	2023 – 24

**Professional Memberships (add row if required)**

Organization	Position	Year
GSUK	Life Member	2023
ISPRS	Annual member	2023, 2024

**Honours and Awards (add row if required)**

Award	Awarding Organization	Year
<b>Doctoral Fellowship</b>	ICSSR, New Delhi	2021
<b>Young Geomorphologists</b>	Indian Institute of Geomorphologists	2021
<b>Young Scientist</b>	International Geographical Union ( <b>IGU</b> )	2022
<b>Young Geomorphologists Grant</b>	AIGEO ( <i>Associazione Italiana di Geografia Fisica e Geomorfologia</i> )	2024

**Conference Presentations (add row if required)**

<b>Title of presentation</b>	<b>Conference name</b>	<b>Name of the institution</b>	<b>Year</b>
Baseline Report of Glaciers and Glacial Lakes of Darma Valley, Uttarakhand	33rd Indian Institute of Geomorphologists (IGI)	University of Allahabad, Prayagraj	2021
Glacier's Response over Gradual Increase of Supra-Debris in Valley Glacier, Central Himalaya	International Geographical Union (IGU)	Central University of Haryana, Mahendargarh	2022
Impact of Supra Debris on Glacier Movement and surface height: An observation from the Central Himalaya, India	International Association of Geomorphologists (IAG)	Cappadocia, Turkiye	2023
Evaluating Dynamics and Mapping of the Timberline in the Higher Himalayas of Uttarakhand, India Dynamics	35th Indian Institute of Geomorphologists (IGI)	Jawaharlal Nehru University, New Delhi	2023
Role of Geospatial Technology in fostering Alpine ecological Study: An observation from the Central Himalaya, India	X AIGeo Italian Geomorphologists Day – III International Young Geomorphologists Meeting	Venice, Italy	2024

Digitally Signed:

(Masoom Reza)

**Signature of the faculty member**