

FACULTY PROFILE



Name	Dr Rakesh Saini				Date of Birth: 01-03-1983					
Designation	Assistant Professor			Date of holding Present Post		31/05/2013				
Name of the Department and School	Department of General & Applied Geography				School of Applied Sciences					
Contact Details	Email : rakesh83jnu@hotmail.com				Mobile:8823061771					
Educational Qualifications (UG onwards)	BA/MA/M.Phil/PhD									
Research Area/Specialization	Glacial Geomorphology									
Awards/ Honors / Fellowship Conferred (With details thereof)	1. Received International Travel Grant cum Congress Attendance Support by the International Union for Quaternary Research (INQUA) to attend the 20th INQUA Congress to be held between 25th and 31st July 2019 at Dublin, Ireland. Euros 3245. 2. Received International Travel Grant by University of Chicago Center in Paris, to participate as an expert in Past Global Changes (PAGES), LandUse6k: Putting History to Work on Climate Change, a workshop on land use classification, October, 2015. 3. Received International Travel Grant from Queen's University, Belfast, Northern Ireland , UK to participate in Queen's India Welcome Scheme, 2009 at Queen's University, Belfast, , Northern Ireland , UK. 4. Received Queen's Fellowship to cover the stay at Queen's University Belfast, Northern Ireland, UK between July-August, 2009. 5. Received International Travel Grant from Oikosinternational.org to participate as a President of Local chapter (Oikos-New Delhi) in President and Advisors Retreat 2010 at Felzbach, Zurich, Switzerland 6. Received Research Fellowship in Sciences as a Meritorious Student (RFSMS) by UGC, New Delhi, 2009-2012.									
Summary of Publications (Number only)	Research Papers	5	Books	2	Chapter in Books	01	Seminars/ Conferences Proceedings	nil	Projects	nil

PUBLICATIONS - 2013 onwards :

International Publications (Details of Research Papers - 2013 onwards):

2016	• Rakesh Saini, Milap Chand Sharma, Sanjay Deswal, Iestyn David Barr, Parvendra Kumar (2016) Glacio-archaeological evidence of warmer climate during the Little Ice Age in the Miyar basin, Lahul Himalaya, India, <i>Clim. Past Discuss.</i>, doi:10.5194/cp-2016-101, 2016.
2017	• Deswal, Sanjay; Sharma, M.C.; Saini, Rakesh; Chand, P.; Juyal, Navin; Singh, Ishwar; Srivastava; Aja; Bahuguna, I.M. (2017), Late Holocene Glacier Dynamics in the Miyar Basin, Lahaul Himalaya, India, <i>Geosciences</i> 2017, 7(3), 64;doi.org/10.3390/geosciences 7030064, Cite Score 1.97
2018	• Kathleen D. Morrison et al. and Rakesh Saini (2018) Global-scale comparisons of human land use: developing shared terminology for land-use practices for global change, <i>PAGES Science Magazine</i>, DOI: 10.22498/pages.26.1.8
2019	• Saini, Rakesh; Sharma, MC; Deswal, S; Barr, ID; Kumar, P, Kumar P, Kumar, P and Chopra, S (2019) Glacio-archaeological evidence of permanent settlements within a glacier end moraine complex during 980-1840 AD: The Miyar Basin, Lahaul Himalaya, India, <i>Anthropocene</i>, Vol. 26, doi.org/10.1016/j.ancene.2019.100197, Impact Factor 4.28 • Stephens, Lucas and Saini, Rakesh et. al, (2019) Archaeological assessment reveals Earth's early transformation through land use, <i>Science</i> 30 Aug, 2019:Vol. 365, Issue 6456, pp. 897-902, DOI: 10.1126/science.aax1192, Impact factor, 41.04

Books Published - 2013 onwards

2013	Team and Saini, Rakesh , Census of India 2011 Atlas On Houses, Household Amenities and Assets Madhya Pradesh, pub of the office of the Registrar General of India, 2013, http://censusmp.nic.in/censusmp/atlas02-09-13.html .
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2016	A.S. Rajawat, Ajai, I.M. Bahuguna, A.K. Sharma, B.P. Rathore, Sushil Kumar Singh, Gunjan Rastogi, Ritesh Agrawal, K.M. Sreejith, Manish Parmar, J.G. Patel, Anish Mohan, Sandhya Rani Pattnaik, R.D. Shah, Rupal Brahmabhatt, Mann Chaudhary, Anjana Vyas, Darshana Rawal, Purnesh Jani, Utkarsh Shah, Kaivalya Pathak, Anand Paleja, Ashish Upadhyay, M.N. Koul, V.S. Manhas, Devinder Manhas, Sadiq Ali, S.S. Randhawa, Anjana Sharma, Arvind Bhardwaj, Sunil Dhar, Dinesh Kumar, Vikas Pathania, J.C. Rana, Rameshwar Singh, Supriyanka Rana, M.M. Kimothi, Asha Thapliyal, Anju Panwar, Durgesh Pant, A.K. Tangri, S.K.S. Yadav, Ramchandra, Rupendra Singh, Diwakar Pandey, Dhanendra Kumar Singh, Shakil Ahmed Romshoo, Irfan Rashid, Gowhar Meraj, Midhat Fayaz, Obaidullah, Khalid Omar, Milap Chand Sharma, Ishwar Singh, Sanjay Deswal, Rakesh Saini , Rakesh Arya, Satya Prakash, G. Venkataraman, Avik Bhattacharya, Fajana Sikandar Birajdar, A.V. Kulkarni, Bhar, Monitoring Snow and Glaciers of Himalayan Region, SAC/ISRO, Ahmedabad, 2016, ISBN: 978 – 93 – 82760 – 24 – 5
Chapters in Books - 2013 onwards	
2019	Pritam Chand, Milap Chand Sharma, Ujjal Deka Baruah, Sanjay Deswal, Syed Umer Latief, Rakesh Saini , Parvendra Kumar, Satya Prakash, Pawan Kumar, Shrinking Glaciers of the Himachal Himalaya: A Critical Review, Proc. n: Saikia A., Thapa P. (eds) Environmental Change in the Himalayan Region. Springer, Cham, 2019, Online ISBN 978-3-030-03362-0, https://doi.org/10.1007/978-3-030-03362-0
National Seminar/Conference/Workshops (Attended - 2013 onwards)	
	1. Successfully completed 53rd Orientation Programme at HRDC, Dr Harisingh Gour Vishwavidyalaya, Sagar, M.P., between 18th Dec, 2014 and 14th Jan, 2015 with 'A' Grade. 2. Successfully completed Interdisciplinary Refresher Course on 'Pedagogy of Science, Humanities and Technology' from HRDC, Dr Harisingh Gour Vishwavidyalaya, Sagar, M.P., between 10th Dec, 2015 and 30th Dec, 2015 with 'A' Grade. 3. Rakesh Saini (2016) Delivered a invited talk on "Application of GPS, GIS and remote Sensing" in the National Science Day Celebration, 2016 at Dr Harisingh Gour Central University, Sagar 4. Participated in workshop on Geochronology held during 16-17 Nov, 2017 at IUAC, New Delhi. 5. Participated in training on Practical Application of DGPS (Trimble R-5), Robotic Total Station (Trimble) and Juno 3D GPS held CSRD/SSS/JNU, New Delhi from 30 March to April 5, 2015.
International Seminar/Conference/Workshops (Attended - 2013 onwards)	
	1. Kumar, P; Sharma, M.C.; Saini, Rakesh (2015) presented a paper "Fusion of DGPS, Total Station and GPR Data for the 3-D Mapping of Himalayan Cryosphere : Application and Potential", XXXV INCA International Congress on Spatial Governance on Development, Planning Smart Cities and Disaster Management At: Jawaharlal Nehru University, New Delhi. 2. Saini, Rakesh (2015) Participated in International workshop on Landuse 6K Putting History to reconstruct Climate Change at Chicago University Center at Paris, France from 22-23 October, 2015. 3. Saini, Rakesh (2015) Participated in Proposal Writing and Grant Management Workshop organised by German House for research and Innovation, New Delhi in collaboration with Max Planck Gesellschaft and Freie Universitat of Berlin from 25-26 November, 2015. 4. Rakesh Saini (2016) presented a paper on "Little Ice Age in Himalaya and Spatio-temporal Variability" in the 9th International Geographical Union (IGU) Conference on Land Use change, climate Extremes and Disaster Risk Reduction, March 18-20, 2016 held at Shaheed Bhagat Singh College, University of Delhi, New Delhi. 5. Rakesh Saini and Milap Chand Sharma (2019) presented a paper on a theme "Glacio-archaeological Evidence of Permanent Settlements During 980-1840 AD in a Glacier End Moraine Complex: The Miyar Basin, Lahaul Himalaya, India", 40th Indian Geographers Meet 2019/International Conference on water, sustainability, livelihood and climate change, held at CSRD/SSS/JNU, New Delhi between 14-16th March, 2019. 6. Rakesh Saini and Milap Chand Sharma (2019) presented a paper on a theme "Late holocene glacier and archaeological history of the Miyar Basin, Lahaul Himalaya", 20th Congress of the International Union for Quaternary Research (INQUA), INQUA Commission and Session Topics: Humans and Biosphere: Life on the ledge: Human-environment dynamics in Earth's high mountains and plateaus, 25th -31st July, 2019, held at Dublin, Ireland. 7. Rakesh Saini and Milap Chand Sharma and Sanjay, Deswal (2019) presented a paper on a theme "Frontal and Equilibrium Line Altitude Fluctuations since the Little Ice Age in the Miyar Basin, Lahaul Himalaya" 20th Congress of the International Union for Quaternary Research (INQUA), INQUA Commission and Session Topics: Terrestrial Processes, Deposits and History: Holocene glacier change in High Mountain Asia, 25th -31st July, 2019, held at Dublin, Ireland.
Invited Lectures delivered (Outside University) with title, date and place - 2013 onwards:	
2019	Rakesh Saini co-chaired a session on "Climate Change : Trends and Specialities" in the 40th Indian Geographers Meet & International Conference on water, sustainability, livelihood and climate change, held at CSRD/SSS/JNU, New Delhi between 14-16th March, 2019.
No. of Foreign Visits - 2013 onwards : Four (Northern Ireland, Switzerland, France, Ireland	
2015	France (Paris) , to participate as an expert in Past Global Changes (PAGES), LandUse6k: Putting History to Work on Climate Change, a workshop on land use classification, October, 2015 at Chicago University Center in Paris, Paris, France, 2015
2019	Ireland (Dublin) to attend 20th INQUA Congress held at Dublin, between 25th and 31st July 2019.
Memberships in Academic Bodies:	
• APECS	•
• PAGES Asia 2k Network	•
• PAGES 6K Land Use /Land Cover	•

• Arcglobe	•
Other Academic Achievements :	
(i) Reviewer of the Journal(s) (With details of the journal(s) and duration)	
•	Earth Systems and Environment, 2020