

Academic Profile



1. Name: Dr. Ramesh Chandra Joshi
2. Designation: Professor
3. Qualification: M.A. (1984), Ph.D. (1998), P.G. Diploma in Remote Sensing (1991)
Three Month Certificate Course in Land Information System (1996)
4. Area of Specialization/Research field: Geomorphology and application of Remote Sensing and Geographic Information System in Earth Sciences
5. Awards/Recognitions: Nil
6. Email id: joshircj1962@gmail.com
7. Number of Research projects:

i) Completed

Sl. No.	Title of the project	Funding Agency	Amount (Lakh)	Year (From-To)
A	Integrated Mission for Sustainable Development project in Arunachal Pradesh.	Deptt. of Space, Govt. of India, Bangalore.	Rs. 12.00	1996-97
B	Land use Mapping of Itanagar Capital Complex Using IRS-1C PAN Data as Co- PI	Deptt of Space, Govt of India, Bangalore.	Rs. 0.60	1998
C	Morphotectonic observations along Main Boundary Thrust in between Dikrong and Ranga river, Arunachal Pradesh.	Deptt. of Science and Technology, Govt. of India, New Delhi.	Rs. 4.60	1996-1999
D	Changing land use/ land cover and soil loss in the Indian Eastern Himalaya, a drainage basin input-output analysis, Arunachal Pradesh.	G B Pant Himalayan and Environment Development, Kosi, Almora	Rs. 6.00	2001-2004
E	Assessment of Soil Loss Using GIS: A Case Study of River Watershed from the Eastern Outer Himalaya, Arunachal Pradesh”	Department of Science and Technology, Govt. of India, New Delhi.	Rs. 11.00	2005.2008
F	Large Scale Geological and Geomorphological Mapping of Rudraprayag - Sonpryag area, mandakini River Valley, National Highway No. Uttarakhand	Department of Science and Technology, Govt. of India, New Delhi.	Rs. 17.60	2015-2018
G	Development of the framework for Networking Programme on Village Information System (VIS)”.	Department of Science and Technology, Govt. of India, New Delhi	Rs. 31.40	2016-2018

ii) On-going: Nil

8. Number of Ph. D candidates successfully completed: 14
9. Number of Ph. D candidates currently working: 08

10. Publications:

a) Books

Sl. No.	Co-Author/s	Title	Publisher	Year of publication
1	R C Joshi	Himalayan Landforms: a case study of Dun Valley, ISBN: 8186393536 9788186393536	Himalayan Publisher, New Delhi,	2007
2	D S Jalal, B R Pant and R C Joshi	Environmental Study in Himalayan Region, ISBN 81-261-0936-X	Anmol Publication, Delhi	2001
3	RC Joshi	Uttarakhand: Village Information System Atlas for Selected Villages	Consul Publication, Nainital	2020

b) Research Articles published in journals

- I. Pant, B.R., and **Joshi, R.C.** (1988), Erosion in Hill Environment, The Himalaya Man and Nature, New Delhi 12 (7), pp 18-19.
- II. Pant, B.R., R.C.Joshi and D.S.Jalal, 1988, Land Capability Classification Model for Kotadun, Kumaun Himalaya, Geographical Review of India, 50(1):47-52.
- III. **Joshi, R.C.**, Pant, B.R., and Jalal, D.S (1989) Assessment and distribution of slope in Kotadun, Kumaun Himalaya. The Deccan Geographer, Secunderabad, Vol. xxvii (i) pp451-460.
- IV. **Joshi, R.C.** (1990) Evolution of Kotadun, Kumaun Himalaya, Hill Geographer, Shillong. pp.9-15
- V. **Joshi, R.C.** (1990) Neotectonics: Geomorphic Evidences, Kotadun Kumaun Himalaya, Institute of Landscape, Ecology and Ekistics. Vol.13 No. 2, Calcutta.
- VI. **Joshi, R.C.**, Pant, B.R., and Jalal, D.S (1990), Implication of Geomorphology in Land management: A Case study of Kotadun, Kumaun Himalaya. Journal of Social Sciences and Humanities, Shillong Vol. VIII. No. 3, pp 15-20.
- VII. Pant, B.R., **R.C. Joshi** and D.S.Jalal, 1990, Nutritional Problem in Hill Environment: An Illustration from Kotadun, Himalaya: Man and Nature: 13(12):4-6.
- VIII. Pande, A and **Joshi, R. C.**,(1990) Lithology and Structure: As aspects of Basin Morphometry, A case study of Upper Sarju Basin, Kumaun Himalaya, Annals, NAGI, Vol.10 No. 2 pp 29-39.
- IX. Pant, B.R., **R.C.Joshi** and D.S.Jalal, 1991, Agricultural Landuse and Nutrition in Kotadun Kumaun Himalaya, Geographical Review of India, 53(4):8-18.
- X. Pande, A., and **Joshi, R. C.** (1994) Geomorphic Impact on Dissection Index, A Case study of Upper Sarju Basin: Kumaun Himalaya. Geographical Review of India, Vol 65, No.4 pp 25- 32, Calcutta.
- XI. **Joshi, R.C.**, (1996), Morphotectonics: Some Observation from Outer Himalaya A case study of western Dun Valley. Hill Geographer, Shillong. pp. 54-60.
- XII. **Joshi, R.C.**, and Rawat, A. S. (1998), Geomorphic Analysis of the Eastern Outer Himalaya A Case Study in Between Dikrong and Ranga River, Arunachal Pradesh. Indian Journal of Geomorphology vol. 3 no. 1 pp. 41-46
- XIII. Yadava, R.S. and **Joshi, R.C.** (1998) Application of IRS -1C Data for landuse/landcover mapping of Itanagar capital complex, eighth user

interaction workshop to commemorate one decade of IRS operations, NRSA, Hyderabad pp. 9-10.

- XIV. **Joshi, R.C.**, and Rawat, A.S. (1998) Geomorphological Mapping of Pachin River Basin, eastern Outer Himalaya (Arunachal Pradesh). The Deccan Geographer, vol. 36 no.1 Pune. pp 85-91.
- XV. Shahid, A., and **Joshi, R.C.** (2000) A hydrological analysis of the Ranganadi river basin, eastern Himalaya, India (a quantitative approach), Arunachal University Research Journal, Itanagar vol. 3 (1), pp. 71-81
- XVI. Rawat, A.S. and **Joshi, R.C.** (2002) Assessment and distribution of slope of Lower Dikrong River Basin in Eastern Himalaya, The Deccan Geographer, vol 40, no. 2 pp 19-26.
- XVII. **Joshi, R.C.**, Rawat, A. Rawat, J.S. (2002) A study of river terraces along lower Dikrong River, Eastern S. and Himalaya, Arunachal Pradesh, Arunachal University Research Journal, Itanagar vol. 5 (1), pp. 71-81.
- XVIII. **Joshi, R. C.** and Shahid, A. (2002) A Study of Channel Runoff and Ground water level fluctuation of Ranga River Basin, Eastern Himalaya, India. Indian Journal of Geomorphology, vol.7 No. 1&2 pp 49-56.
- XIX. Rawat, A.S. and **Joshi, R.C.** (2002) An observation of Lithostructural control on morphometric parameters: A case study of Lower Dikrong River Basin, Eastern Himalaya., Annals of the National Association of Geographers, India vol. XXII (no. 2). Pp 33-42.
- XX. Pande, A. and **Joshi, R.C.** (2002) Selected landslide type in the Central Himalaya: their relation to geological structure and anthropogenic activities. The Environmentalist. Netherlands, pp269-287.
- XXI. Tage Rupa and **Joshi R C** (2003-04) Land Management Practices among the Apatani tribe of Arunachal Pradesh. North East Geographer, vol. 33, No. 1&2. Guwahati, pp 11-19.
- XXII. **Joshi, R.C.** (2003) Neotectonic Observations from the Outer Himalaya: a Case study of Western Dun Valley. Arunachal University Research Journal. Vol. 6(1) Itanagar, pp 51-63
- XXIII. **Joshi, R.C.** and Rawat A S (2004) Morphotectonic Observation: A Case Study from the Outer Eastern Himalaya Arunachal Pradesh, Arunachal University Research Journal, Itanagar, Vol.7 (2), pp 35-46
- XXIV. Upadhyaya,K., Arunachalam,A., Arunachalam, K., **Joshi, R C** (2005) Traditional Homestead Agroforestry in Tawang: A prospective Landuse System for the High Mountains, Rajiv Gandhi University Research Journal ,Itanagar Vol.8 (2), pp 12-18.
- XXV. **Joshi, R.C** (2006) Physiography of Arunachal Pradesh. In Cultural Heritage of Arunachal Pradesh (edited) by N., Nagraju and Byomakesh Tripathy. Delhi, pp 19-31.
- XXVI. **Joshi R C** and Tatak, T, (2006) Geomorphic Analysis of Burai River Basin, Eastern Arunachal Himalaya, Hill Geographer,Vol.XXII No. 1 & 2, Shillong, pp 1-10.
- XXVII. **Joshi, R.C.**, Riba J, and Rupa, T (2006) Surface Flow and Soil Loss under Different Land Use Categories: A Case Study from Eastern Himalaya, Arunachal Pradesh, ENVIS Bulletin, Himalayan Ecology, GBPIHED, Kosi, Almora, pp 12-18.
- XXVIII. **Joshi,R.C.**, Rupa Tage and Riba, Jumri (2007) Landform Development in Lacustrine Catchment of the Kale River Basin , Arunachal Pradesh. The Himalayan Geographer, Vol 1 No.1. Srinagar. 86-92.
- XXIX. **R C Joshi**, Jumri Riba and Tage Rupa (2006-2007) Physico-Chemical Properties of Soil in Kale River Basin, Arunachal Pradesh, eastern Himalaya. Journal of Regional Science and Development, 6-7 (1-20) , pp 37-44, Nainital

- XXX. R.C. Joshi & **J.S. Rawat** (2008) Physiography of Arunachal Pradesh, North-East Geo-Environmental Issues, pp 273-290, EBH Publisher, Guwahati
- XXXI. J.S. Rawat, **R.C. Joshi** and Gibji Nimachow (2010). Terrain Characterization for Land Suitability Analysis of the Igo Asian Journal of GEOINFORMATICS, Vol 10, No 4, Bangkok River Basin, Eastern Himalaya, Arunachal Pradesh, India., Pp 11-21
- XXXII. Nimachow, Gibji, **R C Joshi** and Dai Oyi (2011) Role of indigenous knowledge system in conservation of forest resources-A case study of the Aka tribes of Arunachal Pradesh, Indian Journal of traditional Knowledge Vol.10 (2), pp 276-280
- XXXIII. Swapnali Gogoi and **R.C. Joshi** (2011) Flood Forecasting with the help of Fuzzy Rule- based Modeling of Jiadhhal River Basin, Dhemaji, Assam. Advances in Fuzzy Mathematics. Italy. ISSN 0973-533X Volume 6, Number 1 (2011), pp. 155–164
- XXXIV. Swapnali Gogoi and **R.C. Joshi** (2011) A Study on Hydrologic Behaviours of the Jiadhhal river in Assam, India, International Journal of Lakes and Rivers (IJLR) Volume 4, Number 1 , pp Delhi. 107-114
- XXXV. Rawat J S, **R C Joshi**, D K Singh, Manisha Tewari, Dipti Joshi and R C Garola (2012) Van Panchayat and Forest Management in Uttarakhand. Science and Culture Vol. 78 (3-4) pp 181-184
- XXXVI. **J. S. Rawat** and R.C. Joshi (2012) Remote-sensing and GIS-based landslide susceptibility zonation using the landslide index method in Igo River Basin, Eastern Himalaya, India, International Journal of Remote Sensing, 33(12):3751-3767.
- XXXVII. J. S. Rawat, **R. C. Joshi** & Momme Mesia (2013) Estimation of erosivity index and soil loss under different land uses in the tropical foothills of Eastern Himalaya (India) Tropical Ecology 54(1): 47-58, ISSN 0564-3295, International Society for Tropical Ecology
- XXXVIII. Watsen Bangsia, **R. C. Joshi** (2016) Estimation of Soil Loss from Tarot River Basin of Arunachal Pradesh, International Journal on Arts, Humanities, Social Sciences & Business Studies, Shodh-Sandhan, ISSN No. 2455-4804 Vol. 01, Issue. 02, pp 1-9.
- XXXIX. Manisha Sharma and, **R. C Joshi**. (2017) Land-Use and Land-Cover Assessment of Bhimtal Catchment Using Geospatial Technique, Kumaun Himalaya, International Journal of Human Resources and Social Sciences Vol. 4, Issue 8 ISSN(P) 2394-4218, pp 12-23.
- XL. Manisha Sharma and **Joshi, R. C.** (2018) Physico-Chemical Characteristics of Soil in Bhimtal Gadhera Catchment Kumaun Himalaya, Uttarakhand. Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 7 (ISSN-2349-5162) pp 729-736.
- XLI. Manisha Sharma and **Joshi R C** (2018) A Study of Relief and Slope of Bhimtal Gadhera Catchment, Kumaun Lesser Himalaya, Uttarakhand International journal of basic and applied research. Volume 8 Number 3, ISSN 2249-3352 (P) 2278-0505 (E) pp88-100.
- XLII. **Joshi, R.C.** and Masoom Reza (2018) Building Geodatabase on Village Information System using Geospatial Technology: an example of Bajoon Village, Central Himalaya, India, International Journal of Creative Research Thoughts (IJCRT), Volume 6, Issue, ISSN: 2320-2882 pp 563-577.
- XLIII. **R C Joshi** and Masoom Reza, (2018), Rural Environment Characteristics: A Case study of the selected central Himalayan Villages (2018), National Geographical Journal of India, Vol. 64 No. 1-2, ISSN No. 0027-9374, Pp. 144-154

- XLIV. Sakshi Naithani and **Joshi,R.C.**(2018) Morphometric Analysis of Asan River Basin Using Geo-spatial Technique a Case study from Central Himalaya. Journal of Emerging Technologies and Innovative Research, Vol 5, issue 7 ISSN-2349-5162, pp 100-108
- XLV. Fartiyal A., Reza M., **Joshi R.C.**, Tiwari I. (2018) Identification of Plant Species and Their Relationship with Altitude and Slope Aspect: A Case Study from Naini Lake Catchment, Central Himalaya, Geography, Environment, Sustainability., 11(4) ISSN 2071-9388: pp56-66
- XLVI. Negi Mamta and **R C Joshi** (2019) Geomorphic Analysis of Upper Shipra River Basin, Kumaun Himalaya, Using Geospatial Technique, International journal of research and analytical reviews (IJRAR) Vol 6 issue 1, E-ISSN 2348-1269, P- ISSN 2349-5138, pp 357-366
- XLVII. Prasad, N. and R.C. **Joshi** (2019) Relief and Slope Analysis of Upper Pindar River Basin, Central Himalaya, International Journal of Applied Social Science Volume 6 (3), March (2019): 592-598, ISSN: 2394-1405.
- XLVIII. Negi Mamta, **R C Joshi** and Masoom Reza (2020) Glacier Retreat and Changing Snow Cover in the Upper Goriganga River Basin, Central Himalaya, ENVIS Bulletin, Himalayan Ecology, Vol 28, PP 50-54
- XLIX. Reza Masoom and **Joshi Ramesh Chandra** (2021) Snow Cover Dynamics and its Spatio-Temporal Distribution in the Central Higher Himalaya of India, Disaster Advances, Vol. 14 (9) pp 15-22.
- L. Masoom Reza and **RC Joshi** (2021) Snow Cover Dynamics and its Spatio-Temporal Distribution in the Central Higher Himalaya of India, Disaster Advances 14 (9), 15-22
- LI. Emmer, Adam,,., **Ramesh Chandra Joshi**, Masoom Reza.,(2022),Progress and challenges in glacial lake outburst flood research (2017–2021): a research community perspective, Natural Hazards and Earth System Sciences 22 (9), 3041-3061
- LII. Mahato, Ranjit, Dhoni Bushi, Gibji Nimasow, Oyi Dai Nimasow and **Ramesh Chandra Joshi** (2022) AHP and GIS-based Delineation of Groundwater Potential of Papum Pare District of Arunachal Pradesh, Jour. Geol. Soc. India (2022) 98:102-112 <https://doi.org/10.1007/s12594-022-1936-y> pp 102-112
- LIII. Ranjit Mahato, Dhoni Bushi, Gibji Nimasow, Bikul Barman, **Ramesh Chandra Joshi** and Ram Sakal Yadava (2023) Evaluating the Performance of Multi-criteria Decision-making Techniques in Flood Susceptibility Mapping, Jour. Geol. Soc. India, 99:1549-1562 <https://doi.org/10.1007/s12594-023-2507-6>, pp 1549-1562.
- LIV. Masoom Reza and **Joshi, Ramesh Chandra** and Nabiyal, Chandra and Negi, Mamta, (2023), Glacier Retreat and Pro Glacial Lake dynamics of Darma Valley, Central Himalaya, India, Bulletin of Geography. Physical Geography Series, No. 25 (2023): 51–62. <http://doi.org/10.12775/bgeo-2023-0009>

d) Articles/review articles/Chapter published in books:

- i. **Joshi, R.C** (1989) Preliminary report on Geology. D S Jalal (Principal Investigator) Optimal Landuse for Environmental Restoration in Kotadun Kumaun Himalaya. Final Technical Report submitted to the Department of Environment Govt. of India, New Delhi pp 20-28.
- ii. **Joshi, R.C.**, Pant, B.R., and Jalal, D.S (1989) Deteriorated aquatic environment in Kotadun, Kumaun Himalaya (Geomorphic outlook) In R D Khulbe (ed) *Proceeding of National Seminar on Perspective Aquatic Biology*, Payprus Publishing House, New Delhi pp 497-502.
- iii. Pant, B.R, **Joshi, R.C**, and Jalal, D.S (1989) Water Management in Kotadun, Kumaun Himalaya. In R D Khulbe (ed) *Proceeding of National Seminar on Perspective Aquatic Biology*, Payprus Publishing House, New Delhi pp 497-502.
- iv. Pant, B.R., **Joshi, R.C.**, and Jalal, D.S. (1990) Cropping pattern and its impact on nutrition and Health in Kumaun Himalaya with special reference to kotadun. Himalaya past and present, (ed) M.P. Joshi and P.C. Fangerand C.W. Brown. Almora, pp 365-386
- v. **Joshi, R.C.**, Pant, B.R., and Jalal, D.S (1990) Landslide along Main Boundary Fault - Nature, Causes and Preventions, Kumaun Himalaya. In Prof. R K Rai (ed) *Proceedings National Seminar on Environmental Management in Hill and Tribal Areas*, Rawat Publication, Jaipur. pp 89-103.
- vi. Pant, B.R., **R C Joshi** and Jalal, D.S (1992) Agricultural Panorama of Uttarakhand. In edited book "New Dimensions in Agricultural Geography Vol. 5 pp81-94.
- vii. Pant, B. R., **R. C. Joshi** and D. S. Jalal. 1992 b: Landuse and Nutrition: The Kumaun Himalaya: in J. L. Raina (ed.) *Himalayan Environment, Man and The Economic Activities*, Vol II, Pointer Publishes, Jaipur: 287-307.
- viii. **Joshi, R C** and Rawat, A.S. (2007) Morphological Characteristics along the Main Boundary thrust in the Outer parts of the Eastern Himalaya. *Environmental Changes and Geomorphic Hazards* (eds) Singh.S., Starkel, L. and Syiemleigh, H.J., New Delhi. pp 75-85
- ix. **Joshi,R.C.**, Rupa Tage and Riba, Jumri (2007) Landform Development in Lacustrine Catchment of the Kale River Basin , Arunachal Pradesh. *The Himalayan Geographer*, Vol 1 No.1. Srinagar. 86-92.
- x. **Joshi, R.C.** Rawat, J.S. and Mesia Mome (2007) An Assessment of Erosivity and Soil Loss: A case study of outer Eastern Himalaya, Arunachal Pradesh. *Proceedings UGC Sponsored National Seminar on Resource Base Population Dynamics and Problems of Development in North East*. Tejpur, pp 5-12
- xi. **Joshi, R C** and Rawat, J.S. (2007) Arunachal Pradesh: Land and People. *Proceedings of National Seminar on Management Strategies for the Indian Himalaya: Development and Conservation*. HNB University, Srinagar. Pp 77-88.
- xii. **Joshi, R C** and Rawat, J.S. (2007) Physiography of Arunachal Pradesh. *North- East India, Geo-environmental issues* (etd by Dr S Deka). Guwahati. Pp 273-290
- xiii. **Joshi, R C** and Rawat, A.S. (2007) Morphological Characteristics along the

- Main Boundary thrust in the Outer parts of the Eastern Himalaya. Environmental Changes and Geomorphic Hazards (eds) Singh. S., Starkel, L. and Syiemlegh, H.J., New Delhi. pp 75-85
- xiv. **Joshi, R C** and Rawat, J.S. (2007) Arunachal Pradesh: Land and People. Proceedings of National Seminar on Management Strategies for the Indian Himalaya: Development and Conservation. HNB University, Srinagar. Pp 77-88.
- xv. **J. S. Rawat**, B. Boruah & R.C. Joshi (2008) Landuse and Population Dynamics: a case study of Pachin River Basin, Eastern Himalaya, Arunachal Pradesh, *Management Strategies for the Indian Himalaya: Development and Conservation, Proceedings of National Seminar* , Transmedia Publisher, Srinagar Garhwal, Vol. 1: pp 316-326, ISBN -978-81-904778-5-7.
- xvi. Tripathy B. and **R C Joshi** (2008) Pre-Historic Sources of Arunachal Pradesh Edited by S Dutta and B Tripathy, Gyan, 2008, 302 p, ISBN : 8121210089,
- xvii. **R.C. Joshi** & J.S. Rawat (2008) Physiography of Arunachal Pradesh, *North-East Geo-Environmental Issues*, (edt by Dr S Deka), pp 273-290, EBH Publisher, Guwahati. ISBN 819038344-2.
- xviii. Talar, T. A.S. Rawat and **R.C. Joshi** (2008).Landslide Hazards along national highway 52 A in the area between Banderdewa to Itanagar Eastern Himalaya Arunachal Pradesh. Himalaya: Geological Aspects: Vol: V (Edited by P S Saklani) Delhi.
- xix. **Joshi R C** and A S Rawat (2008) Lineaments and their association with the structure and landforms: An Observation from the Eastern Outer Himalaya. Proceedings of National Seminar on Management Strategies for the Indian Himalaya: Development and Conservation. HNB University, Srinagar
- xx. **Joshi R.C.**, J.S. Rawat and Mome Mesia (2008) Erosivity and Soil Loss: An Observation from the Eastern outer Himalaya, Arunachal Pradesh. Proceedings of National Seminar on Management Strategies for the Indian Himalaya: Development and Conservation. HNB University, Srinagar.
- xxi. **Joshi R C**, Jumri Riba and Tage Rupa (2008) Physiographic and Soil Characteristics of Kale River Basin, The Eastern Himalaya, Arunachal Pradesh. Proceedings of National Seminar on Management Strategies for the Indian Himalaya: Development and Conservation. HNB University, Srinagar.
- xxii. **R.C. Joshi** & J.S. Rawat (2011) Arunachal Pradesh: Land and People, *Management Strategies for the Indian Himalaya: Development and Conservation, souvenir* pp 77-88, HNB Garhwal University
- xxiii. **R.C. Joshi**, J. S. Rawat and Momme Mesia (2011) An Assessment of Soil Loss Using GIS, Cash Study of a Watershed. In: Research Methodology, Concepts and Studies (Eds.) P.R.Sharma, R.S. Yadava and V.N. Sharma. pp 516-533, RK Books: New Delhi, ISBN: 978-81-910059-2-9.
- xxiv. Jumri Riba and **Ramesh Ch. Joshi** (2013) EASTERN HIMALAYA: Soil Loss Estimation of Kale River Basin, Arunachal Pradesh, *Himalayan Vulnerability*, Edited by Subrat Sharma, Pushkin Phartial and Pitamber D Pant, pp73-82.
- xxv. Zofia Rackzkowska and **Ramesh Ch. Joshi** (2016) Deglaciation and Impact of Extreme Rainfalls on Recent Transformation of the Upper Pindari valley: The Kumaun Himalaya, India. Environmental Geography of South Asia, Contributions Toward a Future Earth Initiative. Edited by R B Singh and Powel Prokop, ISSN 218-3542, Springer Japan. pp 67-82
- xxvi. Kumar, M., **R C Joshi** and P D Pant (2019) Impact of Structural Damage Zones on Slope Stability: A Case Study from Mandakini Valley, Uttarakhand State (India) in (ed) Tectonics and Structural Geology: Indian Context, pp 397-410 ISSN2197-9545, [Springer International Publishing](https://www.springer.com)

- xxvii. **R C Joshi** and Masoom Reza, (2021), Geo-Spatial Database for village resources: A case study of selected villages from the central Himalaya, Advances in Geographical and Environmental Sciences, ISSN No. 978-981-16-7730-4, ISBN No. 978-981-16-7731-1, Springer Nature Singapore Pte Ltd 2022, Page No. 431-441
- xxviii. Masoom Reza and **Joshi Ramesh Chandra**, (2023), Glacier's Response Over Gradual Increase of Supra-Debris in Valley Glacier, Central Himalaya, **Springer, Nature Lte**, Japan (Accepted-In Press)

10. Conference/Seminar organized: Nil

11. Sessions chaired in Conferences/Seminars: Nil

12. Academic/Administrative positions held

Sl. No.	Chairman/Member /Secretary	Committee/Authority	Year (From-To)
I	Head	Department of Geography, Rajiv Gandhi University, Doimukh	(2000 to 2003) (Oct 2005 to Nov 2008)
II	Dean	Faculty of Environmental Sciences, Rajiv Gandhi University, Doimukh	June 2007 to 1 st April'2010
III	Scientist In-charge	Remote sensing Application Center, Itanagar	(2005-2006)
IV	Chairman	Board of Under Graduate Studies	2000 to 2003) (Oct 2005 to Nov 2008)
V	Chairman	Board of Post Graduate Studies(BPGS) Courses	2000 to 2003) (Oct 2005 to Nov 2008)
VI	Member	Academic Council	(2000 to 2003) (Oct 2005 to 1 st April'2010)
VII	Member	Executive council	(2005-06) (2007 to 1 st April'2010)
VIII	Member	Faculty board , Mizoram University	2011 to 2013

13. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Status of the membership
i.	Hill Geographer, Shillong	Life
ii.	Eastern Geographical Society, Guwahati	Life
iii.	Deccan Geographer, Pune	Life
iv.	Indian Institute of Geomorphologist, Allahabad	Life
v.	International Association of Geomorphologist	Corresponding
vi.	Mountain Forum, ICIMOD, Kathmandu	Corresponding
vii.	Arunachal Science Society	Life

14. Any other Information: **Foreign visit and research collaboration**

- **Poland:** with Prof. Zofia Raczowska, Head, Department of Geomorphology and Hydrology of Mountain and Uplands, Institute of Geography and Spatial

Organization, Polish Academy of Sciences Poland on “A comparative Glacial study of the Himalayas and Tatras”

- **USA:** with Montana university under the “Obama - Singh 21st Century Knowledge Initiative” Scheme, Public perception on Climate change in the higher Himalaya and Rockies range of USA.