

Resume

VISHWAMBHAR NATH SHARMA

Senior Professor

Department of Geography, Institute of Science

Banaras Hindu University, Varanasi

Prof. Vishwambhar Nath Sharma is a distinguished academician and Senior Professor of Geography with over 36 years of extensive experience in teaching, research, and academic administration. His areas of specialisation include Environmental Studies, Industrial Geography, and Limnogeography, with a sustained focus on addressing contemporary environmental and socio-economic challenges through geographical research.

He earned his Ph.D. in Geography from Banaras Hindu University, Varanasi, in 1987, after completing his postgraduate studies at the University of Gorakhpur in 1982. He qualified the National Educational Test (NET, 1985), including JRF and SRF, and consistently maintained a first-class academic record from high school through postgraduate studies. In recognition of his academic excellence, he was awarded multiple scholarships and fellowships throughout his educational journey.

Prof. Sharma began his academic career at the University of Gorakhpur in 1989, where he served for nearly two decades before joining Banaras Hindu University in December 2007 as a Professor in the Department of Geography. He was promoted to Senior Professor in October 2021. Over his long academic career, he has played a vital role in teaching, mentoring, and shaping future scholars in geography.

An accomplished researcher, Prof. Sharma has made significant contributions to geographical scholarship through an impressive body of work comprising 96 research papers, 20 book chapters, and 6 authored/edited books and conference proceedings. He has successfully supervised 21 Ph.D. scholars and post-doctoral fellows, many of whom are contributing to academia and research institutions. He has also been actively involved in research projects funded by prestigious national agencies such as the University Grants Commission (UGC) and the Department of Science and Technology (DST).

Prof. Sharma has been actively engaged in academic and professional activities at national and international levels. He has organised 12 seminars and workshops as Convener and Chairperson, providing platforms for scholars and researchers to exchange ideas and address critical geographical issues. He has participated in more than 50 seminars and conferences and has attended 11 orientation, refresher, and training programs. He has delivered numerous invited lectures in academic programs organised by universities and government institutions across India.

In addition to his teaching and research contributions, Prof. Sharma has played a significant role in academic leadership and administration. He served as the Head of the Department of Geography at Banaras Hindu University from August 2021 to July 2024. During his tenure, he undertook several initiatives aimed at strengthening the academic environment, improving infrastructure, and enhancing research and learning opportunities for faculty and students. Under his leadership, the department successfully organised several major academic events, including the 43rd Indian Geography Congress and the 17th International Geography Conference of the Deccan Geographical Society of India, along with multiple workshops and an Alumni Meet. He also worked towards improving departmental work culture, ensuring efficient academic administration, and facilitating the development of classrooms and laboratory facilities.

Prof. Sharma has also contributed to the academic community through editorial and professional roles. He has served as Editor of the *National Geographical Journal of India* and *Rashtriya Bhaugolik Patrika*. He has held key leadership positions as Secretary and President of the National Geographical Society and is a life member of several geographical and scientific organisations.

Beyond his departmental responsibilities, he has also performed all duties regarding admission, examination, and extracurricular activities given by the department and the University from time to time. Apart from these, he has served the previous University as a proctor, program officer in NSS, superintendent of the hostel, joint secretary of the delegacy, member of the board of arts faculty and worked on many other assigned duties.

Through his dedication to teaching, research, and academic leadership, Prof. Sharma continues to contribute significantly to the advancement of geographical education and research, fostering an environment of academic excellence and innovation.

Curriculum Vitae

Full Name: DR. VISHWAMBHAR NATH SHARMA
Father's Name: Late Shri Chandrika Sharma
Date of Birth: 21st July 1960
Designation: Senior Professor (Retd.)
Official Address: Department of Geography, Institute of Science,
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Teaching Experience: 36⁺ years

Details of appointments:

Sl. No.	Name of Employer	Duration	Designation
1.	<i>D.D.U. Gorakhpur University</i>	<i>21 February to 04 December 2007</i>	<i>Lecturer (Joined on 21.02.1989); Senior Lecturer (Promoted w.e.f. 21.02.1994); Reader (Promoted w.e.f. 21.02.1999); Professor (Promoted w.e.f. 27.07.2006, after joining BHU)</i>
2.	<i>B.H.U. Varanasi</i>	<i>05 December 2007 to 31 July 2025</i>	<i>Professor (Joined on 05.12.2007); promoted to Senior Professor</i>
3.	<i>B.H.U. Varanasi</i>	<i>01 August 2025 to 30 June 2026</i>	<i>Re-employed as Senior Professor till the session end</i>
<i>Head, Department of Geography, Institute of Science, B.H.U. (August 2021 to July 2024)</i>			

Academic Qualification:

Examination Passed	Year	Board/University	Subjects	Marks (in %)	Division
<i>High School</i>	<i>1976</i>	<i>Board of High School & Intermediate Education U.P.</i>	<i>Hindi, English, Science, Mathematics, Biology</i>	<i>66.00</i>	<i>First</i>
<i>I. Sc.</i>	<i>1978</i>	<i>Board of High School & Intermediate Education U.P.</i>	<i>Hindi, English, Physics, Chemistry, Mathematics</i>	<i>64.40</i>	<i>First</i>
<i>B.A.</i>	<i>1980</i>	<i>University of Gorakhpur</i>	<i>Hindi, Geography, Military Science</i>	<i>65.11</i>	<i>First</i>
<i>M.A.</i>	<i>1982</i>	<i>University of Gorakhpur</i>	<i>Geography</i>	<i>63.30</i>	<i>First</i>
<i>Ph.D.</i>	<i>1987</i>	<i>Banaras Hindu University, Varanasi</i>	<i>Geography</i>		

Specialisations: Environmental Studies, Industrial Geography, Limnogeography

Other Qualifications:

- i. National Educational Test (*NET-JRF*) of UGC, 1985
- ii. Certificate course in GIS-Technology & Application, 2002
- iii. Pilot Orientation Programme in Information Technology, 2003

Details of Scholarships/Fellowships:

Scholarships/Fellowships	Class	Year	Amount
1. D.I.O.S. Gorakhpur	6 th to 8 th	1972-74	₹ 5/month
2. Akikrit Chhatravritti	High School	1975-76	₹ 25/month
3. Merit Scholarship	Intermediate	1977-78	₹ 25/month
4. Bursary Scholarship	Under Graduate	1979-80	₹ 75/month
5. National Scholarship	Post Graduate	1981-82	₹ 125/month
6. B.H.U. Research Fellowship	During Research	1984-85	₹ 300/month
7. Junior Research Fellowship (NET)	During Research	1986-87	₹ 1800/month with a contingent grant of ₹ 5000/annum
8. Senior Research Fellowship (NET)	During Research	1988	₹ 2100/month with a contingent grant of ₹ 7500/annum

Details of Publications:

Published Papers: 95

1. Sharma, V.N. (1993). Spatio-Temporal Analysis of Industrial Clusters- A Case of Madhya Pradesh. *Transactions*, Institute of Indian Geographers, 15(1), 39-50. ISSN:0970-9851
2. Sharma, V.N. (1997). Industrial Complex and Regional Development: A Case of the Bhilai Industrial Complex, *Transactions*, Institute of Indian Geographers, 19(2), 07-18. ISSN:0970-9851
3. Denis, D.M., Sharma, V.N. (1999). Assessment of Social Status of the Christian Community in Gorakhpur District, U.P. *Geographical Review of India*, 61(3), 254-367. ISSN:0375-6386
4. Sharma, V.N. (2001). Status of Ramgarh Lake, Gorakhpur, *Geographical Review of India*, 63(1), 68-76. ISSN:0375-6386
5. Sharma, V.N. (2002). Industrialisation in Madhya Pradesh, *ANNALS of the NAGI*, 22(1), 75-88. ISSN: 0970-972X
6. Sharma, V.N. (2004). Level of Industrial Development in Madhya Pradesh, *Geographical Review of India*, 66(1), 15-27. ISSN:0375-6386
7. Sharma, V.N. (2004). Industrial Complex: A Theoretical Review (in Hindi), *Uttar Bharat Bhoogol Patrika*, 33(1), 41-51. ISSN:0042-1618
8. Pandey, R.K., Sharma, V.N. (2004) Development Level, Problems and Planning of Agro-Based Industries in Eastern U.P. (in Hindi). *Uttar Bharat Bhoogol Patrika*, 33(1), 33-43. ISSN:0042-1618
9. Sharma, V.N. (2006). Agro-based Industries in Maharajganj District (U.P.)-A Regional analysis, *The National Geographer*, 41(1&2), 21-31. ISSN: 0470-0929
10. Mishra, N.K., Sharma, V.N. (2006). Agricultural Structure of Chhattisgarh: A Geographical Analysis, *Uttar Bharat Bhoogol Patrika*, 42(1&2), 69-74. ISSN:0042-1618
11. Verma, S.S., Verma, C.M., Sharma, V.N. (2007). Socio-Economic impact of Rural Migration- A case study of Pali Block (District Maharajganj), *Samvikas Sandesh*, 15(2), 1-6. ISSN: 5975-

5411

12. Sharma, V.N. (2007). Rural development Through Agro-based Industrialization: A case of Maharajganj District (U.P.), *Geographical Review of India*, 69 (1), 77-87. ISSN:0375-6386
13. Yadava, R.S., Sharma, V.N., Alam, S. (2007-08). Socio-Economic and Health Conditions of Milkman of Varanasi City: A Case Study of Three Milkmandies, *North Eastern Geographer*, Guwahati, 35(1), 45-61. ISSN: 0973-0915
14. Sharma, V.N., Manavi (2009). Environmental impact of agro-based industries -A case study of Gorakhpur division (U.P.). *Transactions Journal of the Institute of Indian Geographers*, 31(2), 181-189. ISSN:0970-9851
15. Tiwari, P.K., Sharma, V.N., Tiwari, P.K. (2010). Poverty scenario and strategy for poverty alleviation in Niyamatabad block, district Chandauli (U.P.). *The Geographer*, 57(1), 29-41. ISSN: 0072-0909
16. Vishwakarma, L., Sharma, V.N. (2010). Distribution, problems and prospects of the loom industry in Azamgarh division (in Hindi). *Rashtriya Bhaugolik Patrika* 1(1 & 2), 57-74. ISSN: 2230-9942
17. Vishwakarma, L., Sharma, V.N. (2010). Development of the loom industry in Azamgarh division- A spatio-temporal analysis (in Hindi). *Earth Surface Review*, 1(2), 66-73. ISSN: 0976-0768
18. Tiwari, A.K., Sharma, V.N. (2010). Sugar industry and environment in eastern Uttar Pradesh (in Hindi). *Sambhashya- A Journal of Various Researches*, 2(1), 115-121. ISSN: 2229-4046
19. Vishwakarma, L., Sharma, V.N. Impact of loom industry on the quality of life of weavers- A case study of Azamgarh division (in Hindi). *Rashtriya Bhaugolik Patrika* 2(1), 49-58. ISSN: 2230-9942
20. Tiwari, A.K., Sharma, V.N. (2011). Level of agro-based industrial development in eastern Uttar Pradesh. *National Geographical Journal of India*, 57(4), 43-52. ISSN: 0027-9374
21. Tiwari, P.K., Sharma, V.N. (2012). A review of rural development and poverty amelioration programmes in India. *Transactions Journal of the Institute of Indian Geographers*, 34(1), 1-20. ISSN:0970-9851
22. Sharma, V.N. (2012). Participation and problems of women workers in rural industries -A case study. *Indian Journal of Regional Science*, 44(2), 56-65. ISSN: 0046-9017
23. Pandey, D.K., Sharma, V.N. (2012). Land use pattern in Saryupar plain, Uttar Pradesh - A geographical analysis. *National Geographical Journal of India*, 58(4), 53-64. ISSN: 0027-9374
24. Pandey, D.K., Tiwari, A.K., Sharma, V.N. (2013). Status of forest resources in Saryupar Plain, Uttar Pradesh. *National Geographical Journal of India*, 59(3), 291-300. ISSN: 0027-9374
25. Tiwari, A.K., Sharma, V.N. (2013). Evolution and growth of the sugar industry in eastern Uttar Pradesh. *The Geographer*, 60(2), 90-105. ISSN: 0072-0909
26. Tiwari, A.K., Sharma, V.N. (2013). Study of characteristics of the sugar industry in eastern Uttar Pradesh. *The Deccan Geographer*, 51(1&2), 37-48. ISSN: 0011-7269
27. Singh, S.K., Sharma, V.N. (2013). Land use pattern in the district of Mirzapur. *Earth Surface Review*, 4(2), 8-15. ISSN: 0976-0768
28. Tiwari, A.K., Sharma, V.N. (2013). Sick sugar mills of eastern Uttar Pradesh - A survey regarding causes of sickness. *The National Geographer*, 48(1&2), 95-108. ISSN: 0470-0929
29. Tiwari, A.K., Sharma, V.N. (2013). Regional variation in the development of the sugar industry in eastern Uttar Pradesh. *Goa Geographer*, 10(1), 52-60. ISSN: 0976-787X
30. Tiwari, A.K., Sharma, V.N., Pandey, R.K. (2014). Status of sugarcane cultivation in eastern Uttar Pradesh. *Indian Journal of Regional Science*, 46(1), 32-37. ISSN: 0046-9017
31. Sharma, V.N., Tiwari, A.K. (2014). A survey of research in industrial geography in India. *Transactions Journal of the Institute of Indian Geographers*, 36(2), 185-206. ISSN:0970-9851
32. Tiwari, A.K., Sharma, V.N. (2014). Linkages of the sugar industry in eastern Uttar Pradesh. *Earth Surface Review*, 5(1), 29-34. ISSN: 0976-0768

33. Sonkar, N., Sharma, V.N. (2014). Noise pollution and its impact on human health - A case of Varanasi city. *Indian Journal of Landscape System and Ecological Studies*, 37(2), 68-75. ISSN: 0971-4170
34. Kushwaha, L.K., Sharma, V.N. (2014). Land use change in Deoria district- A geographical analysis (in Hindi). *Rashtriya Bhaugolik Patrika*, 5(1), 76-92. ISSN: 2230-9942
35. Gautam, P.K., Sharma, V.N. (2014). Development of rural industries in Maharajganj district: A geographical analysis (in Hindi). *Rashtriya Bhaugolik Patrika*, 5(2), 159-172. ISSN: 2230-9942
36. Sharma, V.N., Tiwari, A.K. (2014). Growth and levels of urbanisation in eastern Uttar Pradesh. *Geographical Review of India*, 76(2), 142-15. ISSN:0375-6386
37. Tiwari, A.K., Sharma, V.N., Pandey, R.K. (2015). Agricultural land use pattern in eastern Uttar Pradesh. *Uttar Bharat Boogol Patrika*, 45(1), 11-22. ISSN:0042-1618
38. Kushwaha, L.K., Sharma, V.N. (2015). MNREGA and rural development in Deoria district- A geographical analysis (in Hindi) *Rashtriya Bhaugolik Patrika*, 6(1), 89-100. ISSN: 2230-9942
39. Singh, S., Sharma, V.N. (2015). A geographical assessment of land use change in Sonbhadra district. *Earth Surface Review*, 6(1&2), 8-20. ISSN: 0976-0768
40. Kushwaha, L.K., Sharma, V.N. (2015). Literacy trend in Deoria district: A Geographical analysis. *Earth Surface Review*, 6(1&2), 29-35. ISSN: 0976-0768
41. Tiwari, A.K., Pandey, R.K., Sharma, V.N. (2016). Status of the sugar industry in Kushinagar district, U.P. *Transactions Journal of the Institute of Indian Geographers*, 38(1), 117-126. ISSN:0970-9851
42. Tiwari, A.K., Sharma, V.N. (2016). A Study of Sugar and Ancillaries industries in eastern Uttar Pradesh. *The Deccan Geographer*, 54(2), 15-28. ISSN: 0011-7269.
43. Pandey, R.K., Tiwari, A.K., Sharma, V.N. (2016). Sugar cane cultivation in Kushinagar district, U.P. *Earth Surface Review*, 7(1&2), 23-30. ISSN: 0976-0768
44. Tiwari, A.K., Sharma, V.N., Pandey, R.K. (2016). Role of Sugar Industry in Rural Development: A Case Study of Kushinagar District (U.P.). *National Geographical Journal of India*, 62(4), 337-350. ISSN: 0027-9374
45. Kushwaha, L.K., Sharma, V.N. (2016). Development of rural infrastructure in Deoria district: A geographical analysis (in Hindi). *Uttar Bharat Bhoogol Patrika*, 46(1), 96-106. ISSN:0042-1618
46. Singh, A., Sharma, V.N. (2017). Occupational Variation in Durgapur City, West Bengal. *National Geographical Journal of India*, 63(1), 62-70. ISSN: 0027-9374
47. Singh, S.K., Sharma, V.N. (2017). Changing pattern of agricultural land use in Sonbhadra district, U.P. *National Geographical Journal of India*, 63(2), 29-36. ISSN: 0027-9374
48. Kushwaha, L.K., Sharma, V.N. (2017). Human Resources in Deoria district: Development and distribution pattern (in Hindi). *Rashtriya Bhaugolik Patrika*, 8(2), 29-39. ISSN: 2230-9942
49. Mahata, S., Sharma, V.N. (2017). Spatial Disparity in status and performance of Health Care services in Bardhaman District, W.B. *National Geographical Journal of India*, 63(4), 92-102. ISSN: 0027-9374
50. Singh, A., Sharma, V.N. (2018). A Stewardship of Ramgarh Lake in Gorakhpur District: Uses, Problems and Management. *Transaction, Indian Institute of Geographers*, 40(1), 33-43. ISSN:0970-9851
51. Kumar, S., Sharma, V.N., Rana, N.K. (2018). Distribution and development of sugar cane cultivation in Mithila plain (in Hindi). *Rashtriya Bhaugolik Patrika*, 9(1), 14-22. ISSN: 2230-9942
52. Singh, A., Sharma, V.N. (2018). Deteriorating Scenario of Lakes: A Case Study of Ramgarh Lake, India. *National Geographical Journal of India*, 64(1-2), 128-143. ISSN: 0027-9374
53. Singh, A., Sharma, V.N. (2018). Agricultural land-use change in Jaunpur district: A geographical analysis (in Hindi). *Rashtriya Bhaugolik Patrika*, 9(2), 176-185. ISSN: 2230-

9942

54. Kushwaha, L.K., Sharma, V.N. (2019). Pattern of Population Growth in Deoria District: A Geographical Study (in Hindi). *Rashtriya Bhaugolik Patrika*, ISSN: 2230-9942
55. Tiwari, A.K., Sharma, V.N. (2019). Distribution patterns of the sugar industry in eastern Uttar Pradesh, India. *Geographical Journal of Nepal*, 12, 81-100. ISSN: 2565-4993
56. Mahata, S., Sharma, V.N. (2019). Evolution and distribution of coal mines in Salanpur Block, District Paschim Bardhaman, West Bengal. *National Geographical Journal of India*, 65 (2), 122-131. ISSN: 0027-9374
57. Kushwaha, S., Sharma, V.N. (2019). Gender disparity in work participation: A comparative study of Varanasi district, U.P. *National Geographical Journal of India*, 65 (1), 97-105. ISSN: 0027-9374
58. Tiwari, A.K., Sharma, V.N. (2019). An appraisal of regional development in eastern Uttar Pradesh. *National Geographical Journal of India*, 65 (1), 97-105. ISSN: 0027-9374
59. Singh, A., Sharma, V.N. (2019). Anthropogenic impacts on lakes and measurement of Trophic Level: A comparative study of Ramgarh (Urban) and Chilua (Rural) Lakes of Gorakhpur District, UP. *National Geographical Journal of India*, 65 (4), 340-349. ISSN: 0027-9374
60. Kushwaha, S., Sharma, V.N. (2019). Spatial Variation in Thermal Behaviour and its Correlation with Bio-Physical Features in Varanasi City. *National Geographical Journal of India*, 65 (3), 235-245. ISSN: 0027-9374
61. Mahata, S., Sharma, V.N. (2020). An appraisal of coal mining-induced displacement in India. *The Goa Geographer*, 17 (1), 151-161. ISSN: 0976-787X
62. Singh, A., Sharma, V.N. (2020). An empirical comparative study of changing utilisation patterns and problems of Rural and Urban Lakes of Gorakhpur, India. *National Geographical Journal of India*, 66 (3), 288-297. ISSN: 0027-9374
63. Maury, C., Sharma, V.N. (2020). Land use/Land cover Change Detection in Auranga River Basin, Jharkhand. *National Geographical Journal of India*, 66 (1), 51-58. ISSN: 0027-9374
64. Tiwari, A.K., AK Tiwari, Pandey, R.K., Sharma, V.N. (2021). A study of disparities in the socio-economic development of eastern Uttar Pradesh, India. *National Geographical Journal of India*, 67 (4), 438-446. ISSN: 0027-9374
65. Mahata, S., Sharma, V.N. (2021). The impacts of coal mining activities on land resources in India and its mitigation measures: A glimpse. *Annals of the National Association of Geographers, India* 41 (2), 289-307. ISSN: 0970-972X
66. Mahata, S., Sharma, V.N. (2021). The global problem of land degradation: A review. *National Geographical Journal of India*, 67 (2), 216-231. ISSN: 0027-9374
67. Singh, A., Sharma, V.N. (2022). Limno-geographical characteristics of Sarua Lake, Gorakhpur, India. *National Geographical Journal of India*, 68 (4), 240-249. ISSN: 0027-9374
68. Maury, C., Sharma, V.N. (2022). A geomorphological study of the Auranga river basin, Jharkhand, using geospatial techniques. *National Geographical Journal of India*, 68 (3), 174-183. ISSN: 0027-9374
69. Singh, A., Sharma, V.N. (2022). An analysis of land-use change (1995-2015) in Gorakhpur district, Uttar Pradesh. *National Geographical Journal of India*, 67 (1), 48-68. ISSN: 0027-9374
70. Mahata, S., Sharma, V.N. (2023). Land degradation associated with coal mining in Salanpur block, Paschim Bardhaman district, West Bengal. *National Geographical Journal of India*, 69 (4), 256-269. ISSN: 0027-9374
71. Singh, N.K., Sharma, L., Sharma, V.N. (2023). Role of Information Communication Technology (ICT) in Sustainability and Industrialization: A Conceptual Analysis. *International Journal for Multidisciplinary Research*, 5 (5), 1-8. ISSN: 2582-2160
72. Bandhu, S., Singh, N.K., Sharma, V.N. (2023). A Geographical Study of the Mysterious Baiga tribe of Central India. *Samdarshi*, 16 (4), 4803-4813. ISSN: 2581-3986
73. Bandhu, S., Singh, N.K., Sharma, V.N. (2023). A Review of Sustainable Tribal Development

- Approach for the Upliftment of Tribal Communities. *Samdarshi*, 16 (4), 4814-4826. ISSN: 2581-3986
74. Tiwary, M.R., Sharma, V.N. (2023). Analysis of Demographics and Knowledge Towards Covid-19 In Kaimur District, Bihar. *Journal for ReAttach Therapy and Developmental Diversities*, 6 (9s), 1621-1624. eISSN: 2589-7799
 75. Mahata, S., Sharma, V.N. (2023). Application of global mapping indices for change detection in coal mining areas of Salanpur block of Paschim Bardhaman district, West Bengal. *National Geographical Journal of India*, 69 (1), 15-21. ISSN: 0027-9374
 76. Tiwary, M.R., Tiwary, A.N., Sharma, V.N. (2024). Spatio-temporal analysis of COVID-19 in Kaimur District, Bihar. *Naman*, 17 (31), 293-299. ISSN: 2229-5585
 77. Bandhu, S., Singh, N.K., Sharma, V.N. (2024). A Study of the Baiga Women's Tradition of Tattoos, Modernisation of this Art, and Situation of Tattoo Industry in India. *International Journal for Multidisciplinary Research*, 6 (3), 1-11. ISSN: 2582-2160
 78. Bandhu, S., Verma, S., Sharma, V.N. (2024). A Study of Tribal tourism with special reference to India by Using GIS Techniques. *Journal of Research in Humanities and Social Science*, 12 (7), 95-104. ISSN: 2321-9467
 79. Bandhu, S., Sharma, V.N. (2024). TRIFED: A Livelihood and Employment Opportunities for Tribals. *The Deccan Geographer*, 62 (3), 37-45. ISSN: 0011-7269
 80. Mahata, S., Sharma, V.N. (2024). Impact of Opencast Coal Mining on Surface Topography in Salanpur Block, District Paschim Bardhaman, West Bengal. *Annals of the National Association of Geographers, India* 44 (1), 173-191. ISSN: 0970-972X
 81. Bandhu, S., Verma, S., V.N. Sharma, (2024). A Study on the Potential of Tribal Tourism in Chhattisgarh and its Challenges. *The Deccan Geographer*, 62 (9), 191-203. ISSN: 0011-7269
 82. Chaurasia, D.K., Rana, N.K., Sharma, V.N. (2024). From Pollution to Preservation: Impacts of the Namami Gange Project on the Ganga River Ecosystem in the Varanasi Urban Area. *Journal of Research in Environmental and Earth Sciences*, 10 (10), 1-8. ISSN (Online):2348-2532, DOI: 10.35629/2532-10100108
 83. Bandhu, S., Singh, N. K., & Sharma, V. N. (2024). Globalisation, economic opportunities, and social inequality: A case study of China's economic transformation. *International Journal of Scientific Development and Research*, 9(4), 1182–1187.
 84. Chaurasia, D.K., Singh, N.K., Rana, N.K., Sharma, V.N. (2024). From Origins to Impacts: A Comprehensive Review of Microplastics in Freshwater Environments. *International Journal for Multidisciplinary Research*, 6 (4), 1-12. E-ISSN: 2582-2160, DOI: 10.36948/ ijfmr. 2024. v06i04. 26507
 85. Bandhu, S., Singh, N.K., Sharma, V.N. (2024). Naxalism in the central tribal belt of India: current situation, improvements and challenges. *The Deccan Geographer*, 62(4), 165-177. ISSN-0011-7269.
 86. Sharma, V.N. (2024). Climate change and agricultural resilience in India: Challenges and strategies. *National Geographical Journal of India*, 70(2), 285-302. ISSN: 0027-9374/2024/1848
 87. Singh, C. S., Chaurasia, D., Singh, N. K., Rana, N. K., Sharma, V. N. (2025). Traditional Indian Water Systems: Engineering, Culture and Sustainability. *IJCRT* 13(10), 369-384. ISSN: 2320-2882
 88. Singh, A., Sharma, V.N., Rana, N.K. (2025). Analysis of morphological change of lentic water bodies by using spatial vulnerability index (SVI) in Tarai region of Rapti river plains, India, *Geology, Ecology, and Landscapes*, 9 (2), 742-752, DOI: 10.1080/24749508.2024.2328896
 89. Singh, S. K., & Sharma, V. N. (2025). Assessing spatio-temporal land use and land cover changes in Sonbhadra District, Uttar Pradesh. *National Geographical Journal of India*, 71(1).
 90. Singh, N.K. Singh, C. S., Kumar, A., Sharma, V.N. (2025). Spatiotemporal Dynamics of Land Use and Land Cover Change in the Surha Tal Wetland, Uttar Pradesh, India. *Asian Journal of Environment & Ecology*. 24 (8), 163-179.

<https://doi.org/10.9734/ajee/2025/v24i8779>.

91. Bandhu, S., Singh, N.K., Chaurasia, D.K., Sharma, V.N. (2025). Assessing Cultural Continuity and Loss among Baiga PVTG: A Survey-Based Study using the CCI - CLR Model. *Carmelite*, 27(I: A&B), 109-115. ISSN: 0975 9484
92. Singh, A., Sharma, V.N., Rana, N.K., Shivani K., Maury, C. (2025). GIS-based assessment of lake morphometry, siltation, and LULC dynamics in Chilua Lake, Tarai region, India. *Discover Geoscience*, 3:207, 1-33. <https://doi.org/10.1007/s44288-025-00301-8>
93. Singh, A., Maury, C., Shiwani, K., Sharma, V. N., & Rana, N. K. (2026). Siltation-induced lake deterioration and obligation of lake stewardship: bathymetric survey of Ramgarh Lake in the Tarai region, India. *Lake and Reservoir Management*, 42(1), 36–51. <https://doi.org/10.1080/10402381.2025.2584002>
94. Kumar, A., Rana, N.K., Sharma, V.N. (2026). Soil Erosion-based Sub-basin Prioritization in an Intermittent River Basin Using Morphometric Analysis: A Case Study of Jirgo River Basin, Central India. *Asian Journal of Geographical Research*, 9 (1), 43-66. <https://doi.org/10.9734/ajgr/2026/v9i1354>
95. Chaurasia, D.K., Rana, N.K., Sharma, V.N. (2026). A Review of Causes and Consequences of Groundwater Depletion in Varanasi Urban Area. *International Journal for Multidisciplinary Research*, 8 (1), 1-9. E-ISSN: 2582-2160, <https://doi.org/10.36948/ijfmr.2026.v08i01.70135>

Published Chapters in books: 20

1. Sharma, P.R., & Sharma, V.N. (1991). Industrial Structure and Development Policies in Madhya Pradesh. In: *Perspective on the Third World Development*, edited by Sharma, P.R. Varanasi: Rishi Publications, 235-246.
2. Sharma, V.N. (1996). Industrialisation, Development and Quality of Life- A Case Study of M.P. In: *Manav Jeevan Ki Gurvatta, Parivartan evan Samvikas*, edited by Singh, H.N., Prasad, U., Shukla, O.P., Pandey, M.N., Jaisawal, K. Barhaj: Shrutikirti Memorial Convent School, 224-230.
3. Sharma, V.N. (2006). An introduction to GIS, In: *Application of Remote Sensing, GIS and GPS in Natural Resource Management (Lecture notes)*, edited by Verma, S.S., Tyagi, Nutan., Sharma, V.N. Gorakhpur: Department of Geography, D.D.U. Gorakhpur University, 71-76.
4. Sharma, V.N. (2006). GIS: A set of tools for spatial data management. In: *Application of Remote Sensing, GIS & GPS in Natural Resource Management* (Edited Proceedings), edited by Verma, S.S., Tyagi, N., Sharma, V.N. Gorakhpur: Department of Geography, DDU Gorakhpur University, 50-55
5. Sharma, V.N. (2009). Data acquisition and database structure. In: *Application of Geomatics in Natural Resource Appraisal and Management* (Proceedings), edited by Verma SS, Chauhan PR, Rana NK, Singh BK, Gorakhpur: Department of Geography, DDU Gorakhpur University, 81-87.
6. Sharma, V.N. (2009). Data models in GIS- A conceptual framework. In: *Application of Geomatics in Natural Resource Appraisal and Management* (Proceedings), edited by Verma SS, Chauhan PR, Rana NK, Singh BK, Gorakhpur: Department of Geography, DDU Gorakhpur University, 88-99
7. Sharma, V.N. (2009). Role of GIS in disaster management. In: *Use of Geomatics in Disaster Mitigation and Management (Lecture notes)*, edited by Singh, S.R. Varanasi: Department of Geography, UP College Varanasi, 69-75.
8. Sharma, V.N. (2011). Geographic Information Systems as a tool for geographical research. In: *Research Methodology - Concepts and studies*, edited by Sharma PR, Yadava RS, Sharma V.N. New Delhi: R.K. Books, 158-178.
9. Sharma, V.N. (2012). Resources and infrastructure for rural industrialization in a backward region. In: *Holistic Development- A Geographical Perspective*, edited by Singh K.N., Rana N.K., New Delhi: Radha Publications, 86-210.
10. Tiwari, A.K., Sharma, V.N. (2013). A study of Crop Combination Regions in eastern Uttar

- Pradesh. In: *Interdisciplinary Advances in Geography*, edited by Sharma P.R., Yadava R.S., Sharma V.N., New Delhi: R.K. Books, 61-272.
11. Sharma, V.N. (2013). A geographical appraisal of the resources and infrastructure of Maharajganj district (U.P.). In: *Population and Regional Development*, edited by Dixit SK, New Delhi: Radha Publications, 129-163.
 12. Sharma, V.N., Tiwari, A.K. (2013). Land use pattern in eastern Uttar Pradesh. In: *Population and Regional Development*, edited by Dixit SK, New Delhi: Radha Publications, 164-176.
 13. Sharma, P.R., Sharma, V.N. (2013). Resources, population and sustainable development: Major global challenges. In: *Interdisciplinary Advances in Environmental and Earth System Studies*, edited by Sharma PR, Yadava RS, Sharma VN, New Delhi: RK Books, 1-37.
 14. Sharma, V.N. (2013). Environmental crises and sustainability of development. In: *Interdisciplinary Advances in Environmental and Earth System Studies*, edited by Sharma PR, Yadava RS, Sharma VN, New Delhi: RK Books, 89-103.
 15. Tiwari, A.K., Sharma, V.N. (2016). Industrialization in eastern Uttar Pradesh. In: *Changing Agriculture and Rural Environment- Issues, Processes and Patterns*, edited by Singh MB, Singh J, Singh Ravi S, Verma N, New Delhi: RK Books, 305-328.
 16. Bandhu, S., Verma, K.C., Sharma, V.N. (2024). Mahatma Gandhi's Vision on Sustainable Tribal development in India with special reference to Tana Bhagats. In *Gandhi: Ideology, Philosophy and Indian Politics*. Edited by Dr. Pratima Gupta, Pustak Bharati, Toronto, Canada, pp. 266-280, ISBN: 978-1-998027-16-3.
 17. Bandhu, S., Verma, K.C., Kumar, A., Sharma, V.N. (2024). An Overview of Tribal Migration in India with special reference to Madhya Pradesh, Chhattisgarh and Jharkhand. *Recent Concerns in Humanities and Social Sciences (A Research-Based, Peer-Reviewed Book)* Volume II. Edited by Md. Aktar Hussain Simismita Borah Biman Dutta, Department of Economics, Bir Raghab Moran Government Model College, Doomdooma, Guwahati. ISBN: 978-93-93092-86-1. pp. 119-126.
 18. Bandhu, S., Verma, K.C., Gupta, P.K., Sharma, V.N. (2024). Development of Tribal Education in India: Achievements and Challenges. In *Recent Developments in India*. ISBN: 978-93-48530-56-1. Pp. 13-29.
 19. Bandhu, S., Verma, K.C., Singh, N.K., Sharma, V.N. (2025). An Assessment of Eklavya Model Residential School (E.M.R.S.) Scheme: A Key Factor in Tribal Education in India. In *Horizons of Thought: Insights in Humanities and Social Sciences (A Research-Based Peer-Reviewed Book)* Volume I, Edited by Dr. Paramita Dey, Dr. Ahmad Shamsad, Dr. Abdul Hannan, Academique Publication, Guwahati. pp. 47-57.
 20. Bandhu, S., Sharma, V.N. (2025). Cultural Pulse of the Baiga: An Inquiry into Indigenous Music and Dance Practices in Singrauli District, Madhya Pradesh. In *Perspectives on Culture: Themes and Approaches Across Time and Space*. Edited by Dr. R. Rajeshwari, Dr. Rashid Manzoor Bhat, Lexarcheus Publications, Shopian, Jammu and Kashmir. PP. 192-213.

Published Books: 06

1. Sharma, V.N. (2001). *Industrial Development and Planning in India (Changing Profile of Industries in Madhya Pradesh)*. New Delhi: Radha Publications, ISBN 81-7487-213-2
2. Verma, S.S., Tyagi, N., Sharma, V.N. (2006). *Application of Remote Sensing, GIS & GPS in Natural Resource Management* (Edited Proceedings). Gorakhpur: Department of Geography, DDU Gorakhpur University,
3. Sharma, P.R., Yadava, R.S., Sharma, V.N. (2011). *Research Methodology - Concepts and Studies* (Edited). New Delhi: RK Books, ISBN 978-81-910059-2-9
4. Sharma, P.R., Yadava, R.S., Sharma, V.N. (2013). *Interdisciplinary Advances in Geography* (Edited). New Delhi: RK Books, ISBN:978-81-9100-1
5. Sharma, P.R., Yadava, R.S., Sharma, V.N. (2013). *Interdisciplinary Advances in Environmental and Earth System Studies* (Edited). New Delhi: RK Books, ISBN:978-81910059-9-8

6. Verma, S.S., Sharma, V.N. (2015). *Fundamentals of Remote Sensing and Geographical Information Systems (in Hindi)*. Gorakhpur: Vasundhara Prakashan, ISBN: 978-93-84029-00-5

Research Activities:

(a) Candidates awarded Ph.D./ P.D.F.: 21

Sl. No.	Name of the Scholar	Title of Thesis	Year of award
1.	Dr. Ravindra Kumar Pandey	पूर्वी उत्तर प्रदेश में कृषि आधारित उद्योगों की समस्याएं एवं संभावनाएं	2000
2.	Dr. Rupam Sharma	नगरीय सुविधाएं एवं जीवन की गुणवत्ता: देवरिया नगर का एक अध्ययन	2002
3.	Dr. Sameer Singh	संविास के संदर्भ में भूमि उपयोग: जनपद महाराजगंज का एक प्रतीक अध्ययन	2002
4.	Dr. D.M. Denis	Trends of population growth in Christian Community and its socio-economic implications: A case study of Gorakhpur district (1951-1991)	2002
5.	Dr. Manvi	Agro-based industries and Eco-Development in Gorakhpur division	2008
6.	Dr. Renu Singh	परिवहन एवं औद्योगीकरण: सरयूपार मैदान (उ0प्र0) का प्रतीक अध्ययन	2009
7.	Dr. Lallan Vishwakarma	औद्योगीकरण एवं प्रादेशिक विकास: करघा उद्योग के विशेष संदर्भ में आजमगढ़ मण्डल (उ0प्र0) का प्रतीक अध्ययन	2009
8.	Dr. Santosh Kumar	मिथिला मैदान में चीनी उद्योग की समस्याएँ एवं संभावनाएं: एक भौगोलिक अध्ययन	2014
9.	Dr. Vandana Mishra	फरेंदा तहसील, जनपद महाराजगंज में ग्रामोद्योगों का विकास एवं श्रमिकों के जीवन की गुणवत्ता	2014
10.	Dr. Anil Kumar Tiwari	Development and Prospects of the Sugar Industry in Eastern Uttar Pradesh	2014
11.	Dr. Anil Kumar Tiwari (PDF)	Role of agro-based industries in rural development: A case study of Kushinagar district, U.P. (Dr. S Radhakrishnan)	2015
12.	Dr. Dharendra Kumar Pandey	Appraisal and Management of Forest Resource in Saryupar Plain, Uttar Pradesh	2016
13.	Dr. Pradip Kumar Gautam	ग्रामीण औद्योगीकरण एवं पर्यावरण: जनपद महाराजगंज (उ0प्र0) का प्रतीक अध्ययन	2018
14.	Dr. Lalji Kumar Kushwaha	संघृति ग्रामीण विकास हेतु संसाधन नियोजन: देवरिया जनपद का एक अध्ययन	2019
15.	Dr. Sunil Singh	A geographical study of land use change and forest degradation in Sonbhadra district	2020
16.	Dr. Alka Singh	Lake stewardship in Gorakhpur district, U.P.	2022
17.	Dr. Atul Kumar Singh	जनपद जौनपुर में ग्रामीण विकास जन्य पर्यावरण अवनयन का भौगोलिक विश्लेषण	2022
18.	Dr. Sangita Mahata	Land degradation in coal mining areas and its impact on Human livelihood: A study of Salanpur Block, district Bardhaman, West Bengal	2023
19.	Dr. Shailendra Kushwaha	Prospects of Green Infrastructure for the Sustainable Development of Varanasi City	2024
20.	Dr. Meeta Ratawa	A Geographical study of the spread of COVID-19	2024

	Tiwary (PDF)	and its impact on maternal and Child health in Kaimur district, Bihar (ICSSR)	
21.	Dr. Chandrakesh Maury	An assessment of land degradation vulnerability in Mirzapur district	2025

(b) Candidates registered for Ph.D.: 07

Sl. No.	Name of the Scholar	Title of Thesis	Term of Registration
1.	Shri Nishant Kumar Singh	Impact of anthropogenic activities on Suraha Tal, Ballia (U.P.)	March 2022
2.	Shri Sandesh Bandhu	सिंगरौली जनपद (मध्य प्रदेश) की बैगा जनजाति में सामाजिक-आर्थिक परिवर्तन का भौगोलिक अध्ययन	March 2022
3.	Shri Deepak Kumar Chaurasiya	Assessment of the Status of Ponds and Their Impact on Groundwater Recharge in Varanasi Urban Area	March 2021
4.	Ms Barnali Kundu	Assessment of Meteorological Drought Risk in the Middle Ganga Plain.	March 2022
5.	Shri Anand Kumar	Hydrogeomorphology and River Habitat Analysis of Intermittent Rivers of the Jirgo River Basin	July 2022
6.	Ms Sonali Kundu	Measuring Dam-Induced Hydrological Regime Alteration and Flood Plain Modification in Hastinapur Wildlife Sanctuary, India.	July 2022
7.	Shri Anjani Kiran	River Restoration of Penna River Basin (Tentative).	July 2023

(c) Details of Research Projects: 03

S. No.	Title	Agency	Status
1.	Role of Agro-Based Industries in Rural Development- A Case Study of Maharajganj District (U.P.)	U.G.C. New Delhi	PI, Completed
2.	Customization of GIS-Based Tourism Information & Promotion System (TIPS) for Tourism Industry in Eastern U.P.	D.S.T. New Delhi	Co PI, Left after joining BHU
3.	Women's participation in Khadi Gramodyog for alleviation of rural underemployment- a case study of Dhani block, District Maharajganj (U.P.)	U.G.C. New Delhi	PI, Completed

(d) Seminars/Refresher courses/Workshops organized: 12

As Convener:

1. National Seminar on 'Research in Geography: Debate on Issues and Solutions', January 28-29, 2010, Department of Geography, B.H.U. Varanasi,
2. Third Refresher Course in Earth Sciences (Interdisciplinary), January 04 – 24, 2011, A.S.C., B.H.U. Varanasi,
3. National Seminar on 'Recent Advances in the Development of Geographical Knowledge and its Interdisciplinary Association with Sciences', November 3-4, 2011, Department of Geography, B.H.U. Varanasi,
4. National Seminar on 'Perspectives on Land, Water and Population: Issues and Challenges' February 26-28, 2018, Department of Geography, B.H.U. Varanasi,

5. 43rd Indian Geography Congress 2021 (NAGI) on 'Population, Environment, Health, Sustainable Development Goals and Appropriate Technologies: Post Covid-19 scenario', October 28-30, 2021,

As Chairperson:

6. National Seminar cum Webinar on 'Trends in Geographical Explanations: Myths and Realities', December 26-27, 2021, convened by Prof. V.K. Rai,
7. Two-day online workshop on 'R-Programming and Stata Software, April 29-30, 2022, convened by Dr Aditya Singh and Dr. Seema Rani,
8. Two-day online workshop on 'Spatial Data Analysis using QGIS and GeoDa', December 9-10, 2022, convened by Dr Aditya Singh and Dr. Seema Rani,
9. One-Week National Workshop on 'Recent Trends in Migration and Health in India', December 16-22, 2022, convened by Dr. Aditya Singh and Dr. Harpreet Singh,
10. 17th DGSi International Geography Congress on 'Monitoring and Management of Indigenous resources for self-reliance and environmental sustainability using Geospatial technology', February 25-27, 2023, convened by Prof. N.K. Rana,
11. International workshop, April 11-17, 2023, convened by Prof. D. Gownamani,
12. Workshop on 'Analyzing Social Science Research data using Python Programming', February 27-29, 2024, convened by Dr. Aditya Singh,

(e) Seminars/Conferences Attended: More than 50

Orientation/Refresher/Training Courses Attended:

1. Orientation Course in Geography	1989	Gorakhpur
2. Orientation Course in Rural Development	1992	Lucknow
3. All India Training Course of Research Methodology in Geography	1996	Shimla
4. Orientation Course in N.S.S.	1997	Lucknow
5. Orientation Programme in Tourism	1999	Patna
6. Refresher Course in Geography	2000	Patna
7. Refresher Course in Geography	2000	Aligarh
8. Training Course on GIS Technology & Application	2002	Dehradun
9. Pilot Orientation Course in Information Technology	2003	New Delhi
10. Workshop on Research Proposals and Resources	2005	Gorakhpur
11. Workshop on effective paper writing (Springer)	2013	Varanasi

Life Membership of Educational Bodies:

1. Institute of Indian Geographers, Pune
2. The Geographical Society of India, Calcutta
3. National Association of Geographers, India, Delhi
4. Uttar Bharat Bhoogol Parishad, Gorakhpur
5. Allahabad Geographical Society, Allahabad
6. National Geographical Society of India, Varanasi
7. North East India Geographical Society, Guwahati
8. Geographer's Association, Goa
9. The Indian Science Congress Association, Kolkata
10. The Deccan Geographical Society, Pune
11. Prakriti Research Society, Udaipur

Other achievements:

- Served at Banaras Hindu University as a:
 - **Head of the Department** (2021-2024)
 - Member of the Academic Council

- Member of DRC
- Course Coordinator of PG course
- Centre Superintendent in examinations
- Convener of the Ragging Prevention Committee
- Secretary, Departmental Purchase Committee
- Convener, Stock Verification Committee
- In charge, B.A./B.Sc. (Hons.) Part III Field Trip
- Coordinator, 3rd Refresher Course
- Member and convener, Admission Committee
- Member and Coordinator, Timetable Committee
- Served D.D.U. Gorakhpur University as a:
 - Proctor
 - Programme Officer in N.S.S.
 - Superintendent of Hostel
 - Observer & Assistant Centre Superintendent in different examinations
 - Joint Secretary, Delegacy
 - Member of the Board of Studies
 - Member of the Board of Arts Faculty
 - Conducted many educational tours for students
 - Conducted sports in the hostel
 - Member of Admission Committees,
- Served the many Universities, Higher Education, School education, State Public Service Commissions, UPSC, NCERT, etc., as an expert.
- Delivered many lectures in Orientation, Refresher, and Training courses and in different Universities and Colleges.
- Editor of the National Geographical Journal of India and Rashtriya Bhaugolik Patrika, Secretary and President of the National Geographical Society of India, Varanasi.