

CURRICULUM VITAE

Dr. Mukesh Vishwakarma

M.A.(B.H.U), Ph.D. (B.H.U), UGC-NET

B-36/10-X-A Kaiwalyadham Extension Colony,

Durgakund, Near Sankat Mochan Temple

Varanasi Uttar Pradesh (221005) India

Mobile: +91-9454169425

Email-ID: mukesh.geoscience@gmail.com mukesh.vishwakarma15@bhu.ac.in

Linkedin ID: <https://www.linkedin.com/in/dr-mukesh-vishwakarma-778042a6/>

ORCID: <https://orcid.org/0000-0002-5967-2309>



EDUCATIONAL QUALIFICATION

- **High School** from *Adarsh Inter College*, with 63% marks First Class in 2004.
- **Intermediate (Science)** from *Govt. City Inter College, Mishrabazar* with First Class in 2006.
- **B.A.** from *P.G.C. Ghazipur* (Veer Bahadur Singh Purvanchal University) with First Class in 2009.
- **M.A. (Geography)** Specialization in *Cartography and Remote Sensing* from Department of Geography, Banaras Hindu University, *Varanasi* with First Class in 2011.
- **UGC-NET** with **JRF** in June, 2011 and **UGC-SRF** in Aug, 2013.
- **Ph.D. (Topic: Dynamics of the Gomati-Ganga Confluence: A Geomorphological Study)** from Department of Geography, Banaras Hindu University, *Varanasi* in 2019.

PROFESSIONAL EXPERIENCE

- Assistant Professor (Geography) in *Dr. Ghanshyam Singh Mahavidyalaya, Varanasi* since Dec, 2021 to till date.
- Teaching Assistant in *Department of Geography, Banaras Hindu University, Varanasi* since Aug, 2012 to June 2016.

PAPERS TAUGHT (UNDER NEP-2020 SCHEME)

Class	U.G Courses	Class	P.G Courses
B.A. / B.Sc. (Sem-I)	Physical Geography (Th) Elements of Practical Geography (P)	M.A./ M.Sc (Sem-I)	Advanced Geography of India (Th) Cartography and Field-Cum-Lab Work (P) Basics of Remote Sensing (Th)
B.A. / B.Sc. (Sem-II)	Human Geography (Th) Thematic Mapping and Surveying (P)	M.A./ M.Sc (Sem-II)	Map Projections, Representation of Statistical Data and Aerial Photographs/ Dissertation (P) Geoinformatics and Geographic Information System (GIS) Applications (Th) Practical and Surveying (P)
B.A. / B.Sc. (Sem-III)	Environment, Disaster Management and Climate Change (Th) Statistical Techniques and Surveying (P)	M.A./ M.Sc (Sem-III)	Geographical Thoughts (Th) Study Tour and Report/ Dissertation (P)
B.A. / B.Sc. (Sem-IV)	Economic Geography (Th) Weather Maps, Geological Maps and Surveying (P)	M.A./ M.Sc (Sem-IV)	
B.A. / B.Sc. (Sem-V)	Regional Geography (Th) / Basics of Remote Sensing and GIS (Th) Tour and Tour Report (P)		
B.A. / B.Sc. (Sem-VI)	Evolution of Geographical Thought (Th) / Geography of India (Th) Remote Sensing and GIS (P)		

*(Theory- Th Practical- P)

SOFTWARE SKILLS

Q-GIS Arc GIS ERDAS-IMAGINE Global Mapper IBM-SPSS MS-Office Adobe Photoshop Coral Draw R Python

INSTRUMENT SKILLS (SURVEYING)

Total Station Dumpy Level Prismatic Compass Theodolite Nautical Sextant Plane Table GPS (Handheld and DGPS)

RESEARCH PUBLICATIONS

1. Raju, K. N. P., Sarkar, S., Pandey, M., Keshari, S., Vishwakarma, M., Shakya, C. (2014). ***“Surface Water Resources and River Systems of Andhra Pradesh.”*** Special Publication of the Geological Society of India, No. 3, 2014 pp. 70-76.
2. Mishra, M., Dugesar, V., Raju, K. N. P., Sarkar, S., Vishwakarma, M., (2017). ***“Post-Disaster Investigation of the Malin Slope Failure Deccan Plateau, India”*** National Geographical Journal of India, B.H.U, Varanasi. Vol. 63 No.3, pp,1-7
3. Vishwakarma, M., and Yadav, P. (2018). ***“A Study of Noise Pollution and its Effect on Human Health in Varanasi City.”*** Current Journal, Vishal Bharat Sansthan, Varanasi, (Uttar Pradesh) Vol.5.3, No-18(April2018) pp.278-286.
4. Vishwakarma, M., and Yadav, P. (2020). ***“Flood Zonation of Varanasi city using Remote Sensing and GIS Techniques.”*** Varanasi Management Review, Future Fact Society, Varanasi, (Uttar Pradesh) Vol. VI, No-1 (Jan-Mar 2020) pp. 101 - 106.
5. Vishwakarma, M., Kumar, N., Niranjana, D. (2023). ***“Population Growth and Its Impact on Ground Water Resources in Mirzapur District, Uttar Pradesh (India).”*** The Cultural Landscape Vol. VI, No-10 (Issue 1&2) June & Dec- 2023 pp. 15-25
6. Vishwakarma, M., (2025). ***“Land Use/ Land Cover Dynamics in Ghazipur District (Uttar Pradesh) India.”*** The Cultural Landscape Vol. 12, (Issue 1&2) June & Dec- 2025 pp. 75-84

RESEARCH PAPERS PRESENTED IN SEMINARS/ CONFERENCES

1. Vishwakarma, M. (2015) ***‘Dynamics of Gomati-Ganga River: A Geographical Study’***. Research Orientation and Methodologies in Geography and Supporting Sciences, Department of Geography, B.H.U., Varanasi (2nd – 4th Mar, 2015)
2. Vishwakarma, M. (2015) ***‘Geomorphology of Gomati-Ganga Confluence’***. 37th Indian Geography Congress (NAGI), Department of Geography, University of Jammu (2nd – 4th Dec, 2015)
3. Vishwakarma, M. (2016) ***‘Geomorphology of the Flood Plain at Gomati-Ganga Confluence, Uttar Pradesh (India)’***. 6th NAGI International Conference, Nalanda Open University, Patna (18th – 20th Nov, 2016)
4. Vishwakarma, M. (2019) ***‘Delineation of Palaeochannels in a part of Middle Ganga Plains using Remote Sensing and G.I.S Techniques’***. XII International Geographical Union (IGU) India, Conference, Govt. Post Graduate College, Sector I, Panchkula (22nd Feb - 24th Feb, 2019)

5. **'Recent Trends of Space Technology in Geographical Science.'** Webinar Organized by Symbiosis Institute of Geoinformatics, Pune (1st Feb - 2nd Feb, 2021)
6. Vishwakarma, M. (2021) **'Spatio-temporal Evolution of Channel Morphology and Controlling Factors of Lower Gomati River: A Geomorphological Study'**. 43rd Indian Geography Congress (NAGI), Department of Geography, Banaras Hindu University, Varanasi (28th – 30th Oct, 2021)
7. Vishwakarma, M. (2026) **'Applications of Machine Learning in Modelling Land Use Land Cover Change in Prayagraj City'**, ICSSR Sponsored Two-Day National Seminar (21st-22nd February, 2026), Department of Geography, Shri Baldeo P.G. College Varanasi.
8. Vishwakarma, M. (2026) **'Machine Learning and its Applications in Fluvial Research: A Review'**. ICSSR Sponsored Two-Day International Seminar (14th-15th March, 2026), Department of Geography, D.D.U. Gorakhpur University, Gorakhpur
9. Vishwakarma, M. (2026) **'Morphometric Analysis of the Chel River Basin, West Bengal (India) Using Geospatial Techniques'**. *'Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat'*, Department of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Varanasi (16th -17th march, 2026).
10. Vishwakarma, K. and Vishwakarma, M. (2026) **'The Impact of Sleep Quality and Perceived Stress on Migraine Frequency among Students studying in Higher Educational Institutes in India'**. *'Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat'*, Department of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Varanasi (16th -17th march, 2026).
11. Vishwakarma, K. and Vishwakarma, M. (2026) **'The Relationship Between Pain Locus of Control (PLOC) and Migraine Headache Patients'**. *'Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat'*, Department of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Varanasi (16th -17th march, 2026).
12. Vishwakarma, M. (2026) **'Flood Hazard Assessment in a Part of Middle Ganga Plain (Uttar Pradesh) Using Geospatial Techniques'**. *'Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat'*, Department of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Varanasi (16th -17th march, 2026).
13. Kumar, N. Singh, D. S., and Vishwakarma, M. (2026) **'Redefining the Aravalli Range: Ecological Significance and Environmental Implications of the 100-Meter Relief Criterion'**. *'Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat'*, Department of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Varanasi (16th -17th march, 2026).

WORKSHOP/ TRAINING COURSE/ FDP - ATTENDED

Training Workshop	'Research Methodology and Statistical Analysis' organized by Institute of Management Studies, B.H.U, Varanasi (19 th March - 24 th March, 2012)
12-week Training Course	'Geospatial Technologies and Applications' organized by ISRO-NRSC, Hyderabad (11 th Nov 2013 - to 31 st Jan 2014) Awarded First Class with Distinction.
Training Workshop	'Web Based Hydrological Tools' organized by NIH, Roorkee. Ministry of Water Resources, Govt. of India (11 th – 14 th March, 2014)
Training Programme	'Geospatial Technologies for Urban Planning' organized by IIRS, ISRO. Dept. of Space, Govt. of India (11 th Feb – 15 th March, 2016)
Training Programme	'Course on Computer Concepts' (CCC) organized by NIELIT, Ministry of Comm. & IT, Govt. of India (August, 2018)
Training Programme	'Satellite Photogrammetry and its Application' organized by IIRS, ISRO. Dept. of Space, Govt. of India (29 th June – 03 rd July, 2020)
Training Programme	'Understanding of Coastal Ocean Processes using Remote Sensing and Numerical Modelling'

Training Programme	Organized by IIRS, ISRO Dept. of Space, Govt. of India (21 st Sept – 25 th Sept, 2020)
Training Programme	‘Basics of Remote Sensing Geographical Information System and Global Navigation Satellite System’ organized by IIRS, ISRO Dept. of Space, Govt. of India (17 th Aug – 20 th Nov, 2020)
Workshop	‘Faculty Development Program on Higher Education in the context of NEP 2020’ organized by Inter University Centre for Teacher Education (IUCTE), Banaras Hindu University (13 th Feb – 17 th Feb, 2022)
Workshop	‘Two-Days Workshop on Artificial Intelligence in Digital Pedagogy: Shaping the Future of Learning in HEIs’ by Inter University Centre for Teacher Education (IUCTE), Banaras Hindu University (13 th Feb – 14 th Feb, 2025)
Training Programme	‘Multi-Disciplinary Refresher Course on Mental Health & Stress Management in Higher Education’ organized by MMTTC, Department of Education, MGKVP, Varanasi (10 th Oct – 25 th Oct, 2025)
Training Programme	‘NEP-2020 Orientation & Sensitization Programme’ organized jointly by MMTTC, Department of Education, MGKVP, Varanasi and T.D. P.G. College, Jaunpur (10 th Nov – 18 th Nov, 2025)
Training Programme	Short Term Programme /Faculty Development Programme on ‘Integrating AI and Machine Learning in Science, Humanities and Social Science Education: Foundation Perspective’ organized jointly by IIT Patna & UGC-MMTTC (20 th April – 25 th April, 2026).

ADMINISTRATIVE/ PROFESSIONAL RESPONSIBILITIES

- Coordinator/ Member/ In-Charge of-
 - **Member**, IQAC
 - **Member**, Sports Committee
 - **Coordinator**, SC/ST/OBC/Minority Committee
 - **Member (Proctor)**, Proctorial Board
- Assisted department for conducting conferences, workshops, guest lectures etc.
- Supervised Projects and Dissertations of UG/ PG students in Geography.
- Set/ Reviewed Question papers for internal exams and evaluated internal exam answer sheets.
- Conducted Practical exams/ Viva-Voce as Internal Examiner in Term-End Examinations
- Organizing Secretary, of ICSSR-Sponsored Two Days National Seminar on ‘*Environment, Economy, Culture and Technology: A Way Forward to Viksit Bharat*’, organized by Department of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Varanasi from 16th to 17th March, 2026.

LANGUAGES KNOWN

Hindi English

HOBBIES

Chess Painting Cooking Photography Reading

PERSONAL INFORMATION

Date of Birth 22nd September 1989
Nationality Indian

Place: Varanasi Date: 26th April, 2026

(Dr. Mukesh Vishwakarma)