



## CURRICULUM VITAE

- Name :** Dr. Vineesha Singh
- Designation:** Associate Professor
- Address:** **Residential**  
TF-16, Barkatullah University Campus, Bhopal (M.P.)  
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- Institute:** Department of Earth Sciences,  
Barkatullah University,Bhopal (M.P)
- Academic Qualification /Education:**

Degree	Institute/University	Year	Subject	Awards
B.Sc.	Government Science College,Jiwaji University, Gwalior	1991	Zoology, Chemistry, Geology	
M.Sc.	School of Studies in Earth Science,Jiwaji University, Gwalior	1993	Earth Science (Geology)	1 <sup>st</sup> Rank
Ph.D	School of Studies in Earth Science,Jiwaji University, Gwalior	2001	Hydrogeology	University Scholarship

- Research Interest/Field of Specialization:** Water Resources, Groundwater Exploration, Hydrogeology, Environmental Geoscience, Geomorphology,Remote Sensing & GIS etc.
- Software knowledge: Remote Sensing and GIS software** ( ERDAS Imagine, Arc-GIS,QGIS and other Imagine and GIS software's.
- Honors/Awards/ Distinctions:**
  - First Rank in MSc. in Earth Science Examination (1992-93).
  - District and State Level athletics Sports Champion: Several awards won in School/College /University Level.
  - Research Fellowship(PhD.) 1996-2000, Jiwaji University ,Gwalior

**9. Teaching Experience: More than 21 years**

**10. Research Experience: More than 25 years**

**11. Membership of Academic/ Professional Bodies:**

- Life Member of Indian Society of Remote Sensing, Dehradun
- Life Fellow member of South Association of Economic Geologist(SAEG),Raipur
- Fellow Member of Society of Earth Science, Lucknow
- Life Member of Indian Society of Geomatics, Ahmedabad
- Life member of Gondwana Geological Society, Nagpur
- Associate Editor of International Journal of Geography, Geology and Environment
- Member of National Editorial Advisory Board of "Bulletin of Pure and Applied Sciences-Section F -Geology(Geological Sciences)
- Member of Reviewer Board of "Bulletin of Pure and Applied Sciences-Section F -Geology(Geological Sciences)

**12. Major/Minor Projects(completed/ongoing):**

- Principle Investigator: Application Geospatial Technology for water assessment and management in hard rock areas of ,Tikamgarh and Jhansi districts of Bundelkhand region: A integrated approaches used in India,2017-18,NRDMS-DST Project,16,00000
- Minor /Seed Project :Research Project on Natural Resource based advancement of Tribal villages by Using Geospatial Technique :A case study of Ichawar block, Sehore district, Madhya Pradesh, year 2019-20 ,Grant sanctioned by university:1,70,000

**13. No. of Ph.D. Guided/Co-Guided: 01 Completed,04 Ongoing**

**14. Professional Trainings:**

**a. Remote Sensing and GIS Training/ Professional Training:(More than One week):08**

- 12 week Training Programme on “Remote Sensing Technology and its Application” from National Remote Sensing Agency (NRSA) Hyderabad, 8 June - 30 Aug,2005.
- 13<sup>th</sup> Training Programme on “ Application of Geoinformatics in Water Sector, Organised by National Water Academy(NWA), Pune,10-20 Oct ,2006.
- Short Course Training Programme on “Water Harvesting Strategies for Groundwater Recharge & Supplemental Irrigation in Arid & Semiarid Region, organized by CSWCRTI, Datia, sponsored by ICAR, between 02.01.2007-11.01.2007.

- NNRMS-ISRO Sponsored Training Programme on Remote Sensing and GIS Application in Geosciences, organized by Indian Institute of Remote Sensing (IIRS), Dehradun, 7 May-29 June, 2007.
- Geomatics: Technology and Application for Women Scientists (one week training) organized by Faculty of Geomatics and Space Application, CEPT, Ahmedabad, 11.3.2013 to 16.3.2013
- Hyperspectral Remote Sensing for Earth and Planetary System Sciences (one week Training) organized by Department of Earth Sciences IIT, Bombay, 21.01.2013 to 25.01.2013
- Management of Soil Health and Degraded lands for Sustainable Agriculture, Gwalior (M.P.) organized by Rajmata Vijayaraje Krishi Vishwa Vidyalaya, 6.02.2014 to 14.02.2014
- 21 days Summer/Winter school on Geospatial Technology and its application (GeoTiA-2017), Equivalent to Refresher course, organized by TISS, Mumbai, 20 March - 09 April, 2017

**b. Short Term Trainings/Faculty Trainings: (Less than one week): 16**

**c. FDP/E-FDP /FDT (Faculty Development Programme/Training)/Short Term Training: 07**

**d. Participation in Research Methodology workshop: 02**

**15. National and International conferences attended in last five years: 45**

**16. Number of Publications: National and International : 50**

**17. Organized National Conference/Symposia/Workshop/Online Webinar: (Details)**

- Convenor: World Earth Day on Theme of “Protect Our Species”. organized by Department of Earth sciences, Barkatullah University, 22nd April 2019
- Convenor: The Debate Competition organized by Department of Earth Sciences for students, Research Scholars on 14<sup>th</sup> February 2020 on the Theme of “Climatic Changes a Global Issue.”
- Convener of the National Webinar on “COVID 19: Tracking and Data Management on WEB GIS Platform” at the Department of Earth Sciences, Barkatullah University, Bhopal, May 30, 2020
- Convener of the National Webinar on “COVID 19: Current Environmental Challenges” on the occasion of Environmental Day at the Department of Earth Sciences, BU, Bhopal, 5 June 2020
- Coordinator of the Virtual hands-on Training on “Remote Sensing and Digital Image Processing” from 28-29 December 2020 in the Department of Earth Sciences, Barkatullah University, Bhopal
- Convener of the Webinar on “Recent Trends & Career Opportunities in Exploration, Mining and Civil Engineering”, 30th December 2020 in the Department of Earth Sciences, Barkatullah University, Bhopal

### **Organized Expert extension lectures Series/other academic activities:**

- Convenor: Two Days “Online Lecture Series” in the Department of Earth Sciences, Barkatullah University, Bhopal from 28-29 May, 2020
- Coordinator: Alumni Lecture on “Covid 19 web GIS Platform,Talk by Dr. Rajesh Soloman Paul ,30 May 2020
- First Meeting of Alumni in the Department of Earth Sciences held on 31/10/2019
- Second Meeting of Alumni in the Department of Earth Sciences held on 22/02/2020
- Organized various academic activities in the Department of Earth Sciences,BU,Bhopal,Academic session 2018-2020

### **18. Administrative Assignments:**

- Member:Board of Studies(BOS) member in Geology ,BU,Bhopal
- Member, Anti ragging Squad , Deptt of Earth Sciences, BU, Bhopal
- Member of COE, Deptt of Earth Sciences,BU,Bhopal
- Member,Academic Planning Evaluation Board Meetings, University,Bhopal
- Member, Examination Committee in Geology, BU, Bhopal
- Member, Sexual Harassment Committees, BU, Bhopal
- Member, Convocation Discipline Committee, BU, Bhopal
- Member,Flying Squad Committee, BU,Bhopal
- NAAC-IQAC :Member of Criteria I & V,BU,Bhopal
- I/C of Departmental Alumni meeting,Earth Sciences,BU,Bhopal
- Warden,Maharani Laxmi Bai Girls Hostel,BU,
- Warden,Nevidata Senior Girls Hostel,BU, (5 month,2021)
- Member of Tender technical committee
- Faculty Involved in any Other Administrative Work Assigned by the University/Department

### **Academic Assignments:**

- Member of Board of Studies in Geology, BU, Bhopal
- Member of RAC in Geology, BU, Bhopal
- Member,Examination Committee in Geology for preparation of Theory/practical panel
- Member, Empanelment of Guest faculty in Geology,BU,Bhopal
- Member, Earth Science admission committee, Department of Earth Sciences,BU,Bhopal,
- Chairman, Earth Science admission committee, Department of Earth Sciences,BU,Bhopal
- Member,Staff Academic Council, Department of Earth Sciences,BU,Bhopal
- Member ,Committee to prepare Time-Table of MSc. Geology and MSc(Tech). Remote Sensing and GIS Course
- Faculty In-charge ,Internal Assessment Examinations(CCE) of MSc. Geology and MSc.(Tech),Remote Sensing Course
- Expert Member,Internal and External Examiner, Practical Examination, Comprehensive viva-voce, Department of Earth Sciences,BU,Bhopal

- Panel Member, Question Paper setting of PG Department of Earth Sciences, BU, Bhopal, and UG. Classes of Govt. MVM. College, Bhopal
- Tour Incharge of Geological field tour local and Outside the station/ field based activities for PG students, Deptt of Earth Sciences, Barkatullah Univ. Bhopal
- Faculty Incharge, Conduct Geophysical field based Practical's for MSc. Applied Geology III semester students, Deptt of Earth Sciences, Barkatullah Univ. Bhopal,
- PhD Evaluation Panel Member and External Examiner for Ph.D. Viva-Voce, SGVU Jaipur
- External Examiner for M.Sc. Tech Applied Geology practical, Hari Singh Gour Central University, Sagar, MP.
- Expert PhD Evaluation Panel Member, TISS Bombay
- PhD.in Geoinformatics, Panel member of Amity University, Noida

Date:  
Place: **Bhopal**

**Signature**  
**(Dr. Vineesha Singh)**