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Course Fee [Non-Refundable]

Without Accommodation : ₹ 5000
With Accommodation : ₹ 8000

How to Apply

Interested candidates are invited to apply online by submitting the registration form [<https://forms.gle/GP9jGZRPYgoZDoNt8>]. After the selection of participants for the workshop, a payment link will be provided via email.

~~Application Deadline: November 15, 2025~~

Extended Deadline: November 28, 2025

Confirmation of Participation: November 30, 2025

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National Workshop

on

Geospatial Approaches Toward Urban Geographical Research and Hazard-Risk- Vulnerability Analysis (GeoUrbVA)

January 19-24, 2026



**Department of Geography
Institute of Science
Banaras Hindu University
Varanasi - 221005 (India)**

About Banaras Hindu University

Banaras Hindu University (BHU), situated in the holy city of Varanasi, is a prestigious institution of higher education renowned worldwide and recognized as one of the eight public institutions declared as an Institute of Eminence by the Government of India. BHU holds the distinction of being the largest residential university in Asia. Founded in 1916 by Pandit Madan Mohan Malaviya, a prominent nationalist and visionary, the university has grown into a comprehensive institution with an impressive array of academic and research facilities. The university's commitment to holistic education, coupled with state-of-the-art facilities and highly qualified faculty, continues to attract students and scholars from around the globe. BHU remains dedicated to upholding its legacy as a beacon of knowledge and excellence, making significant contributions to education and research on both national and international fronts.

About The Department

Founded in 19 August 1946 (भाद्रपद कृष्ण 7, 2003 विक्रम संवत्, जन्माष्टमी), the Department of Geography, Institute of Science, Banaras Hindu University, occupies a distinguished place in the annals of Indian higher education. Rooted in the rich traditions of BHU, the Department integrates the classical spirit of geographical inquiry with modern scientific approaches. The department offers three-degree courses: B.Sc. (Hons), B.A. (Hons), and M.A./M.Sc. (Geography); Ph.D. in Geography & allied disciplines, and a special PG Diploma course in Remote Sensing and GIS. The department has the honor of housing the National Geographical Society of India (estd. 1946), one of the oldest professional bodies of Indian geographers and embodies urban school of geography as well.

About The Workshop

This one-week workshop focuses on recent advances in urban geographical research through geospatial analytics. Combining conceptual, analytical, and hands-on training, it equips participants with geospatial tools to study and address urban challenges while fostering a deeper understanding of sustainable urban development. Participants will also learn to develop a geospatial perspective and explore key online resources for urban research. Urban resilience and sustainability are key priorities in India's development agenda, yet a gap persists between data generation and its effective use in planning and governance. This workshop bridges that gap by integrating geospatial intelligence with urban research and social science to enhance decision-making, climate action, and evidence-based policy. By training young researchers in advanced geospatial methods, GeoUrbVA 2026 supports the vision of Atmanirbhar Bharat, empowering cities and citizens to harness data for sustainable urban transformation.

Workshop Themes

The participants will learn more about and do a hands-on practice with use of their laptops and on the available systems covering the following major areas of urban research:

- Urban research transitions and HRV (Hazard-Risk-Vulnerability) frameworks
- Open-source & geospatial urban data science
- Sensor technologies, their applications, and urban data analytics
- Urban land use/land cover dynamics and urban growth monitoring
- Integration of socioeconomic data with spatial indicators

- Geoinformatics for monitoring urban green spaces and microclimates.
- Urban geohazard mapping and spatial risk assessment techniques
- Urban resilience and livability analysis
- Geospatial technologies for Sustainable Development Goals (SDGs)

Target Participants

The workshop welcomes postgraduate students, PhD scholars, independent researchers, and young faculty members from government, NGOs, and private sectors. A total of 60 participants (Indian nationals and foreign nationals studying in India) will be selected on a first-cum-first-served basis.

Workshop Venue

Prof. R. L. Singh Seminar Hall, Department of Geography, Banaras Hindu University, Varanasi, Uttar Pradesh, India.

Contact Person

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