



An International Conference on
Advancing Frontiers in Earth Sciences:
Innovations, Challenges, and Future
Perspectives



Organised by
School Of Earth Sciences
Banasthali Vidyapith
Banasthali, Tonk, Rajasthan

21ST - 22ND SEPTEMBER, 2025



Banasthali Vidyapith

Founded in 1935, Banasthali Vidyapith stands as a beacon of excellence in women's education, embodying over eight decades of visionary leadership and pioneering accomplishments. As the world's largest fully residential university for women, it has achieved the prestigious distinction of being ranked as the second highest women's university globally, a testament to its enduring legacy.

Nestled amidst the tranquil rural expanse of Rajasthan, the sprawling 850 acres campus serves as a harmonious blend of tradition and modernity. With an impressive 16,000 students, Banasthali offers a comprehensive range of programs, from nursery to doctoral levels, across a diverse array of disciplines, cultivating a generation of enlightened individuals grounded in values and integrity.

The Vidyapith prides itself on its state-of-the-art infrastructure, offering a plethora of opportunities within a single cohesive environment. As a verdant oasis, the campus is a sanctuary of sustainability, with 42% of its land enveloped in lush greenery, creating a pristine and invigorating academic atmosphere. Equipped with an arsenal of 5,000+ computer systems and specialized development centers, Banasthali ensures its students are empowered with cutting-edge tools and resources to excel in their endeavors. Banasthali Vidyapith is not merely an institution—it is a movement, a transformative force shaping the future of women's education on a global stage.

School of Earth Sciences

Founded in 2013, the School of Earth Sciences encompasses Geography, Remote Sensing, Geology, and Environmental Science, supported by state-of-the-art infrastructure for both classroom and field studies. The School emphasizes understanding Earth processes through fieldwork, laboratory experiments, and computational simulations, fostering multidisciplinary research and teaching.

We offer undergraduate courses in Geology and Geography including Hons. and Hons. with Research, postgraduate in Geography, Geology, Environmental Sciences, M.Tech. in Remote Sensing and doctoral programs.

The School prepares students to tackle Earth's challenges with innovation and expertise.

WHO CAN APPLY?

All research enthusiast including Students, Research Scholars, Faculty, scientists, social scientists, and corporate representatives, are welcome.

The last date for abstract submission-10th August, 2025

Abstract submission Link-

<https://forms.gle/Tm6xLsQBwF1QvJEU9>

The last date for registration-10th August, 2025

Registration Link-

<https://forms.gle/rNAPyUJGMnJ811RL9>

"You can register on the spot. The registration fees will include ₹500 as a late fee."

REGISTRATION FEES

Categories	Nationalities			
	SAARC Nations	After 10 th August, 2025	Others	After 10 th August, 2025
Faculty Members/ Corporates	Rs 3000	Rs 3500	35 USD	40 USD
Research Scholars/Stu dents	Rs 2000	Rs 2500	25 USD	30 USD

Note:Payment of the registration fees is Non Refundable.

Bank Details for International Participants	
Bank Name	State Bank of India
Account Number	40046204968
Branch Name (Code)	New Delhi Main Branch(00691)
SWIFT	SBININBB104
IFSC Code	SBIN0000691



PAY via UPI
UPI ID:32132800012@sbi

Bank Details for National Participants	
Bank Name	State Bank of India
Account Name	Banasthali Vidyapith
Branch Name	Banasthali(Tonk)
Account Number	32132800012
IFSC Code	SBIN0015363



THE FOCAL THEME

The theme underscores the dynamic evolution of Earth sciences, focusing on groundbreaking innovations, emerging challenges, and sustainable solutions. In the face of climate change, rapid urbanization, and environmental degradation, interdisciplinary approaches integrating geospatial technology, hydrology, geology, and biodiversity conservation are critical. The conference aims to explore the intricate relationship between natural and human-induced earth processes, emphasizing disaster resilience, water resource management, and land-use planning.

With a strong emphasis on sustainability, the theme highlights strategies for mitigating climate change, preserving ecosystems, and promoting responsible resource utilization. It also delves into cultural and economic geography, political dynamics, and human-environment interactions to assess their impact on Earth systems. By bridging scientific research with policy implications, the discussions will foster innovative frameworks to address contemporary environmental challenges while ensuring a balanced and resilient future.

Subthemes

1. Climate and Environmental Change

Climate Change Analysis and Global Warming, Human Impact on Climate Systems, Sustainable Practices for Climate Resilience

2. Geospatial Technology and Applications

GIS and Remote Sensing in Earth and Human Studies, Spatial Data Analysis for Natural Resource Management, Mapping Urbanization and Land Use

3. Natural Hazards and Disaster Management

Natural and Man-made Disaster , and Extreme Weather Events, Resilience and Adaptation Strategies

4. Water Resources and Hydrology

Watershed and River Basin Studies, Water Quality assessment, Water Pollution Studies, Morphometric Analysis, Wetland Conservation

5. Sustainable Development and Land Use Planning

Urbanization and Smart Cities, Land Degradation, Deforestation Rural Development and Agricultural Suitability, Farm Practices, irrigation problems, Desertification, Pollution

6. Recent advances in Geology

Petrology, Economic Geology, Stratigraphy and Paleontology

7. Earth Processes and Landforms

Aeolian and Karst topography, Fluvial Landforms, Urban Geomorphology, Earth Process Modeling

8. Human-Environment Interaction

Cultural Landscape, Anthropogenic Impacts on Earth Systems, Resource Management and Environmental Ethics, Population Dynamics and Environmental Stress, Mining and Urban studies

9. Biodiversity and Ecosystems

Conservation of Natural Habitats, Ecosystem Services and Human Dependency, Mapping Biodiversity Hotspots, Eco-tourism

10. Oceans and Marine Studies

Coastal Geography and Sea-Level Rise

Marine Ecosystem Management

11. Cultural and Economic and Geopolitical Issues

Trade and Transport, Cultural heritage, tribal studies, Gender Studies, Resource Utilization, Overconsumption, Population Studies, Anthropogeography, Geopolitical issues, Wars and Global Politics, Government Plans and policies, Refugee Crisis, water politics

12. Behavioral Studies

Mental Wellbeing over space, Mental Health, Awareness, Policies, Human Behavior and sustainable Development

OUR PATRONS

Prof. Ina Aditya Shastri
Hon'ble Vice Chancellor
Banasthali Vidyapith
Rajasthan

Dr. Anshuman Shastri
Director,
Centre for Artificial Intelligence
Banasthali Vidyapith
Rajasthan

Our Advisors

Prof. Anil Kumar Chhangani
Prof. Arun Kumar Shandiliya
Prof. Atiqur Rehman
Prof. Azizur Rahman Siddiqui
Prof. Bindu Bhatt
Prof. D. D. Chauniyal
Prof. H.S Sharma
Prof. J. R. Sharma
Prof. K.P.S. Shante
Prof. L.S. Chamyal
Prof. M K. Pandit
Prof. M.G. Thakkar

Prof. Mehtab Singh
Prof. P. K. Joshi
Prof. Parmod Bhardwaj
Prof. R. N. Mishra
Prof. Rajesh Singhal
Prof. Ravindra G. Jaybhaye
Prof. Santosh Shukla
Prof. S.C. Rai
Prof. Sunil De
Prof. Vinod Bhardwaj

Convenor

Dr. Rashmi Sharma,
Convener
Dean and Head
School of Earth Sciences

Organizing Team

Dr. Arushi Rana
Dr. Kh.Moirangleima
Dr. Ngangom Mamata Devi

Co-organizing Team

Dr. Ashutosh
Dr. Chilka Sharma
Dr. Salahuddin Mohd.

Commitee Members

Dr. Ashutosh Kumar Pandey
Dr. Dharampal
Dr. Gauri Gupta
Dr. Kanak N Moharir
Mr. Kshitij Pareek
Dr. Priyanka Ashiya
Dr. Resmi M.R.
Dr. Ronak Jain
Dr. Satvika Jaiswal
Dr. Susheel Kumar
Mr. Vivek Deep

Contact Information

Registration- +91-9460663501, +91-8426098034,
+91-7728051514
Local Transport-+91-9468713726, +91-9557019964
Accomodation- +91-8875798026, +91-7976122486
Email-**earthsciences_conference@banasthali.in**

How to reach Banasthali



SCAN HERE FOR LOCATION

ROAD LINK :

Banasthali Vidyapith is located 72 km from Jaipur, 8 km off Jaipur-Kota Road at the 65 km stone, near the Delhi-Mumbai Expressway, with 14 Rajasthan Roadways buses running daily on the Jaipur-Banasthali route.

RAIL LINK :

Banasthali Newai Railway station is on the Jaipur-Swaimadhopur-Mumbai broad gauge line of the Western Railway. It is equidistance from Jaipur and Swaimadhopur, 66 Kms from both.

Jaipur is on Delhi-Ahmedabad Broad-guage main line of Western Railway and there are direct trains to Jaipur from Delhi-Junction, Agra Fort, Ahmedabad, Indore, Mumbai, Udaipur, Bikaner, Jodhpur, Chennai, Bangalore, Howrah etc.

AIR LINK :Jaipur Airport is 59 km.

