

## Registration Form

National conference on “Advances in Geology & Geo-resources of northwestern Indian Block”

September 23-24, 2022

Title: .....

First Name: .....

Last Name: .....

Organization: .....

Mailing Address: .....

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Phone: .....

E-mail: .....

Title of Paper: .....

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Name of Co-Author(s): .....

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## National Conference on

# Advances in Geology & Geo-resources of northwestern Indian Block

23-24 September 2022  
Jaipur, Rajasthan, India

Under the Aegis of  
Rashtriya Uchchar Shiksha Abhiyan  
(RUSA) 2.0 Program



Organized by  
Department of Geology  
University of Rajasthan, Jaipur





The northwestern Indian block, also called the museum of geology, attracts geo-scientists from across the world on account of its unique geological record. The region exposes an almost complete stratigraphic succession from Archaean to Quaternary, and associated mineral deposits, magmatism, fossils, etc. The Aravalli Craton, one of the major cratonic nuclei in peninsular India, comprises the Banded Gneissic Complex, and overlying metasedimentary sequences of Aravalli and Delhi supergroups. The Malani Igneous Province (third largest felsic igneous province) and Marwar Supergroup rocks are exposed to the west of the Aravalli Delhi Fold Belt while the Great Boundary Fault defines the contact between Vindhyan Supergroup and basement, in the east. Thar Desert, which is known as the Great Indian Desert, offers an excellent package to study various features of desert geology. The scanty rainfall (20 to 40 cm) in the Marwar Block, requires proper utilization of available water and soil resources, and the assessment of the increasing urbanization, water table, and quality deterioration of both surface and groundwater are the areas of concern that need direct intervention. The last two-three decades have witnessed a revival of interest in the NW Indian block, leading to a significant addition of geochronological, geochemical and geophysical data that have helped in a better understanding of the geological evolution of this region, while exploration and production of Petroleum and Natural gas, etc. in the western basins have opened new vistas.

The main focus of this conference is **to offer a platform to discuss the advancements in different aspects of Geology and their impact on Geo-resources. For comprehensive coverage of all the relevant aspects, the following sub-themes have been identified to deliberate upon during the event.**

- Precambrian Stratigraphy, Tectonics and Crustal evolution
- Phanerozoic Basin Evolution, Sedimentation & Faunal Characteristics
- Magmatism through Ages
- Metamorphism, Deformation & Ore forming Processes
- Mineral, Soil, & Ground Water Resources and Management
- Environmental impacts on Quaternary Geology

\*Mentioning sub-theme, kindly submit abstract (Max. 500 words), along with title, name of presenting author to: [adgeo2022@gmail.com](mailto:adgeo2022@gmail.com)

\*The abstract volume of the conference will be made available to all the participants at the time of inauguration of the conference.

### Registration Fee

- Delegates from academia: Rs. 1000/-
- Delegates from Govt. Organizations: Rs. 1000/-
- Students & Research Scholars: Rs. 500/-
- Delegates from Industries and Private Organizations: Rs. 2500/-
- Accompanying Person: Rs. 500/-

### Last Date for Abstract Submission

17 September 2022

### Contact Details

[adgeo2022@gmail.com](mailto:adgeo2022@gmail.com)

**Dr. Asha Saxena- 9950914299**

**Mr. Rachit Parihar- 6350506379**

**Mr. Vijay Pal Meena- 9460277168**

Jaipur, popularly known as the Pink City, was founded in 1727 AD by one of the greatest rulers of the Kachhawaha clan, the astronomer King Sawai Jai Singh. It was designed by the brilliant architect Vidyadhar Bhattacharya.

The remarkable city was considered a marvel of town planning and traditional crafts like jewellery, metalwork's, enamellings, tie-dye, stone carving, pottery, leather work and miniature paintings.

**Places to visit:** The Pink City, Rajasthan's colorful capital, is full of things to see and do. There are impressive monuments, an excellent range of handicrafts, a wide variety of cuisine, and entertainment that can keep you enthralled for days. There are hundreds of beautiful temples with some fine carvings and painted walls.

The major monuments include Hawa Mahal (Palace of Winds), Jantar-Mantar (Unique observatory), City Palace, Albert Hall Museum, Amber Fort, Jaigarh Fort, Nahargarh Fort. Apart from that, Jhalana Leopard Safari and Nahargarh biological park are the places where wild animals kept in their natural habitat.

### About University and Department

The University of Rajasthan is the oldest institution of higher learning in Rajasthan. It was established on 8<sup>th</sup> January, 1947, as the University of Rajputana with the main objective of disseminating knowledge and catering to the needs of the students of Rajasthan. In the year 1956, the Rajputana University was renamed as the University of Rajasthan, keeping intact its enveloping jurisdiction. It attracts students from all over Rajasthan and other parts of India and abroad.

The Department of Geology was established in 1985 in Maharaja College, and it was shifted to own building in the university campus during 1989. Within last 37 years of its existence, it has contributed very well. Department has received number of research projects from various agencies, international collaborations and has publications in peer-reviewed journals, making it one of the premier geology departments in Rajasthan. The major contribution of the department is in field of geochemistry, tectonics, palaeontology, isotope geochemistry, hydrogeology, water resource management etc. The departmental museum has an impressive collection of rocks, minerals, and fossils from across India.

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