

Department of Geology

Brief Profile

In the year 1987 the government of Rajasthan restructured the various Universities in the State and decided that the PG department of Geology of the University of Rajasthan located at Udaipur be handed over to the M. L. Sukhadia University, Udaipur. In this exercise entire asset, men and material, possessed by the department were transferred to the ML Sukhadia University, with an understanding that a PG department of Geology will be opened at Jaipur under the University of Rajasthan. A PG department was started in 1985 in Maharaja's collage campus and finally in 1988 teaching of PG started in present new building, initially with the construction of six rooms, within the Rajasthan University campus, Jaipur with virtually no infrastructure and equipment.

Despite inadequate equipment and lab facilities the faculty members have excelled in research and teaching through collaboration with national and international laboratories/institutions. The research contribution of this department in various fields, such as Palaeontology, Geochemistry-Petrology, Palaeomagnetism and Hydrogeology has been duly acknowledged at national and international levels. Since the inception, the department has been awarded many departmental infrastructural support by different national agencies beside the individual research projects to faculty members. The department has been identified for assistance by DST, New Delhi under FIST Scheme (2000-2005) and by UGC under SAP-DRS scheme in two phases (2004-2009; 2009-2014) is an endorsement to the significant contribution made by the department.

Over the years the Department of Geology has become a premier institute for imparting education in geological sciences right from undergraduate, post graduate and also research leading to doctoral degrees. The department has highly qualified faculty

members who are also involved actively in high level of research which is being published in International and National journals of repute with high h-index, citation index and impact factors of Journals. Teaching faculties of the department have also been recipient of many national and international awards and recognitions since the inception. The department has developed several national and international research collaborations with research labs and academic institution. Department has recently been awarded 9th International Congress on Jurassic System by International Sub commission of Jurassic System. This prestigious International Congress will be held for the first time in India between 6-9 Jan, 2014.

Amongst the PG departments of University of Rajasthan, Department of Geology is unique in providing attractive job opportunities to the M.Sc students in different government organizations e.g. Oil and Natural Gas Commission, Geological Survey of India, Department of Mines & Geology, Ground water department & MNC's. In last five years around 50 students have been selected for Job in above organizations. Department has also been chosen by Oil & Natural Gas Commission, Govt. of India for award of an annual ONGC Scholarship to a meritorious student of department under Academia-Industry Interaction Program.

The state of Rajasthan has a unique geological setting and is among the few states in India which are highly rich in metallic minerals, non metallic minerals and huge deposits of Lignite, oil and gas. Since the country's economy is gathering momentum, the department has therefore to produce more number of skilled geologists to explore new natural resources. The department plans to introduce more job oriented courses like Petroleum geology, Gemology, etc. in near future.

Courses Offered

Masters Programme

Master of Science (M.Sc) GEOLOGY

Seats: 10

Duration: Four Semesters (Two years)

Ph.D. Programme

Thrust areas:

Geochemistry and Tectonics

Jurassic Sedimentary Basin Analysis

List of current students (2015-16)

M.Sc II Semester Students

- 1 Aayushi Sarawat
- 2 Ashish Jinjwadiya
- 3 Abhishek Bhardwaj
- 4 Chitranjan Jangir
- 5 Divya Praveen Singh Shekhawat
- 6 Deepika Beniwal
- 7 Jitesh Shyoran
- 8 Manisha Meena
- 9 Nirmal Kant Verma
- 10 Parul
- 11 Rajesh Kumar
- 12 Ram Raj Meena

M.Sc IV Semester Students

- 1 Akansha Tyagi
- 2 Ajeet Kumar Choudhary
- 3 Anurag Jangir
- 4 Ankit Soni
- 5 Amit Kumar Meena
- 6 Kailash Coudhary
- 7 Seema Goyar
- 8 Irshad Khan
- 9 Sushil Kumar

Research Scholars

- 1 Ravinder Choudhary
- 2 Manish Kumar
- 3 Jitendra Kumar Sharma
- 4 Rajesh Singh Shekhawat
- 5 Nitesh Mishra
- 6 Sharwan Lal Meena
- 7 Kailash Chandra Sharma
- 8 Mukesh Kumar Bairwa
- 9 Ankur Bairwa
- 10 Naveen Kumar Bakoliya
- 11 Vivek Kumar Meena
- 12 Bhupendra Kumar

Research Thrust Areas

Geochemistry and Tectonics

Jurassic Sedimentary Basin Analysis

Seminars/Conferences

- Status of uranium exploration in Precambrian rocks of Rajasthan, Jaipur. Sponsor: Department of Atomic Energy 2009
- Indo German workshop on sustainable urban development , Jaipur: Sponsor: DST, New Delhi, 2009
- National Congress on Palaeontology, 2011
- Department has organized **9th International Congress on Jurassic System** by Sub commission of Jurassic System in January, 2014 (First time in India). **33 countries participated** in the congress