

Birbal Sahni Institute of Palaeosciences
Monthly Summary of Research Activities
(February 2024)

1. Areas of Focus:

The institute carries out research on fundamental as well as applied aspects of Palaeosciences that includes Evolutionary history of biota, Paleoclimate, studies of past civilization, Human history and contemporary Climate Change issues, following an integrated and multi-disciplinary approach.

2. Important Highlights of Major Research Activity

a. Key Scientific Findings of the Month (Feb 2024)

- Badland evolution in the Sher River valley is controlled by fault system.
- Regional basinal stress regime has strong control on Badland orientation.
- Landforms developed in the valley are moderately disintegrated.
- The results are applicable to any tectonically governed region of world.

(Ghosh et al 2024; *Catena*)

b. First South Asian Biodiversity Council (SABDC) meeting (02nd February 2024)

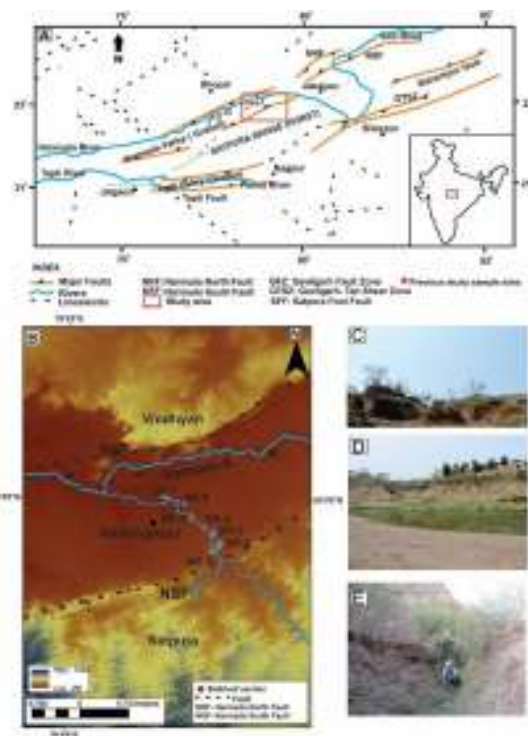
c. World Wetlands Day Celebration (02nd February 2024)

d. Student Interaction Forum (SIF) Lecture (8th February 2024)

e. Outstation Scientific Outreach Program

1. **Dr. Swati Tripathi**, on the occasion of 'Dr. SN Vishvanath scholarship award event' delivered an invited talk Dibrugarh University, Assam.; **Dr Arvind K Singh** delivered an invited talk Aligarh Muslim University Aligarh.

f. Scientific Outreach Program at BSIP



S.No.	Institution Name	Exposure Visits	No. of Participants
01	Greenland Public School, Lucknow UP	Visit to Museum and Scientific laboratories	40
02	Chinmaya Vidyalaya NTPC, RaeBareli UP	Visit to Museum and Scientific laboratories	42

In all 6 Research Papers were published during the month in High impact factor journals.

Photographs showing important highlights of major programs/research activities organized during February 2024

Present Council ...

Hosting Institution: Birbal Sahni Institute of Palaeosciences (BSIP)

M.G. Thakkar	Director	K. Ilango	Environment, Forest and Climate Change Dept., UP
Vandana Prasad	Ex-Director	Naveen Gandhi	Indian Institute of Tropical Meteorology
Anupam Sharma		Navya Reghu	French Institute of Pondicherry
Binita Phartiyal		Nayanjot Lahiri	History, Ashoka University
Anjali Trivedi		N P Singh	Wadia Institute of Himalayan Geology
Trina Bose		Parth Chauhan	HSS, IISER Mohali
Sandhya Mishra		P Sukumaran	CHARUSAT
Akash Srinivas	IAR, Ashoka University	P Srivastava	Earth Sciences, IIT Roorkee
A K Kanungo	HSS, IIT Gandhinagar	P A Gawande	Sant Gadge Baba Amravati University
Anindya Sarkar	Geology and Geophysics, IIT Kharagpur	Rajeev Patnaik	Geology, Panjab University
Arti Garg	Botanical Survey of India	Ruman Banerjee	Pondicherry University
Bharat Pradhan	Dept of Forest and Environment, Sikkim	Shanti Pappu	Sharma Centre for Heritage Education
Biswajit Roy	National Centre for Polar and Ocean Research	Shyam S Phartyal	EES, Nalanda University
D P Pathak	CDG, Tribhuvan University, Nepal	Srirang R. Yadav	Shivaji University, Kolhapur
Debahuti Mukherjee	Geological Survey of India	Subir Bera	Botany, University of Calcutta
Bhavya P S	EES, IISER Thiruvananthapuram	T R Premathilake	Archaeology, U of Kelaniya, Sri Lanka
Hitendra Padalia	Indian Institute of Remote Sensing	Sanjeeva Nayaka	National Botanical Research Institute
K. Anupama	French Institute of Pondicherry	V J Kahalkar	Botany, MGASLNPC College Amori, Gadchiroli

