

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

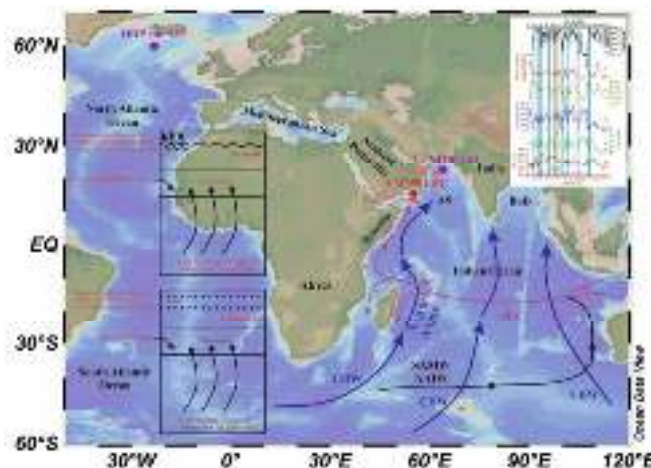
1. Areas of Focus:

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 (March 2024)

In general perspective, the oceanic circulation conveyor belt is slowing down, which could be a reason for the warming on both the poles (Antarctica and the Arctic). The present study also reported that in the past 65,000 to 60,000 years, the oceanic circulation (AMOC) was slowed down, and the impact on the Arabian Sea also influenced the Indian Ocean monsoon system. Hence, our study documented the warming signal in the cold period around 65,000 to 60,000 years (Khan et al., 2024).



b. National Science Day was Celebrated on 28th February 2024

c. International Women's Day Celebration (08th March 2024)

d. Student Interaction Forum (SIF) Lecture (14th March 2024)

e. Quarterly Hindi Workshop Lecture (22nd March 2024)

f. Outstation Scientific Outreach Program: (i) Dr. Biswajeet Thakur, Dr. Sanjay S. Gahlaud along with research Scholar Anand Rajouriya interacted with the Post graduate students of the Madras University, Chennai & (ii) Dr. Gaurav Srivastava and Dr Ranveer Singh Negi were honored guests at Greenland Public School, Lucknow, to encourage the students, evaluate & felicitate the winners during an Intra-school Science Exhibition held to commemorate the National Science Day 2024.

g. Scientific Outreach Program at BSIP: Students from Department of Botany, Arya Vidyapeeth College Guwahati Assam; Dindyal Upadhyay Sitapur UP Government PG College Rajikya Balika Uttar Madhyamik Vidyalaya, Gonda, UP; Bhartiya Mahila Gramodyog Sansthan, Prayagraj, UP; Mahamaya Government Degree College, Mahona, Lucknow visited Institute Museum and various scientific Laboratories.

h. Organization of Pre-Thesis Open Colloquium (PTOC) under AcSIR PhD Program on 7th and 22nd March 2024

Total Five (5) Research papers were published during the month

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

