

About the University and the Department

The Presidency University started its journey as the Hindoo College in 1817 and was transformed into the 'Presidency College of Bengal' in 1855. In recognition of its rich heritage of academic excellence, the Legislature of West Bengal conferred the status of a University on Presidency College on 7th July 2010. Subsequently, UGC has accorded Presidency University the status of an 'Institute of National Eminence' in December 2012.

The teaching of Geology in our country at university level was initiated in July 1892 with the formal inauguration of this Department. The Department from its very beginning has established a rich tradition of dedicated teaching and pioneering research in different branches of Earth Sciences. The Department presently is the recipient of DST-FIST-II and UGC-CAS-II programmes. The Department receives research grants from agencies such as DST, CSIR, UGC, MOE, BRNS, NMDC, ISRO and Coal India Ltd. The Department also collaborates in several national and international research programmes. The teaching covers Geology in undergraduate and Applied Geology in postgraduate levels. The alumni of this department are not only established in the academic field in India and abroad but also play a leading role in the development of natural resource industries of our country.



The Theme of the Seminar

The 'Greater Indian Landmass' is built over four large amalgamated Archaean nuclei which are commonly referred as Dharwar, Bastar, Singhbhum and Aravalli-Bundelkhand cratons. Some facets of early crustal growth are considered unique to each of these Archaean nuclei justifying great importance of individual craton specific studies. The cratons were amalgamated into the coherent Indian Landmass along the marginal mobile belts and became a vast repository of Proterozoic sedimentary basins.



Metallogenic events are integral part of this continent building process. Recent geochronological, structural, stratigraphic, magmatic and metamorphic findings appear to suggest a commonality of tectonothermal events in the circumscribing mobile belts. However, in most cases recurrent rifting, accretion and orogenesis in the mobile belts mask its characters in such a way that the real significance of these events in relation to amalgamation and formation of the Greater Indian Landmass becomes debatable.

A comprehensive appraisal of the evolution of the Greater Indian Landmass requires critical analyses of stratigraphic successions from the craton, intracratonic basins and craton margin mobile belts. Geochronological data need to be integrated with specific stages of sedimentation, magmatism and deformation, and metamorphic P-T-t paths are to be unraveled for characterization of tectonothermal events that ultimately shaped the Indian Landmass. With this view in mind, we invite contributions on the following four **Sub-themes** to address these important issues.

Sub-theme I: Evolving Archaean cratonic nuclei and Archaean tectonics – records from sedimentation, magmatic history, tectonometamorphic events, geochronology and metallogeny

Sub-theme II: Evolution of Proterozoic Purana basins and their correlation

Sub-theme III: Proterozoic orogenic belts – a window to deep lithospheric sections and position of India in supercontinental cycles

Sub-theme IV: Disentangling 3-D architecture of the craton-mobile belt couplet through geophysical methods



NATIONAL SEMINAR ON

Making of the Indian Continent

Organised by Department of Geology

(UGC - Centre for Advanced Studies
in Precambrian Crustal Evolution and
Metallogeny)

Presidency University
Kolkata

7 - 8 November, 2014

REGISTRATION FORM

Conference

On

Making of the Indian Continent

7 – 8 November, 2014

Department of Geology

Presidency University

86/1 College Street, Kolkata- 700073

Please visit www.presiumiv.ac.in for registration.

Name _____

Designation/ Affiliation _____

Address for correspondence _____

Telephone _____ FAX _____

E-mail _____

Title of the Abstract _____

Name of Co-author(s) _____

Bank transaction No. _____
with date _____

Important Dates

Submission of Abstract,
registration form and fee:

7th September, 2014

Confirmation of

Accommodation:

14th September, 2014

Call for Abstracts

The organizers invite unpublished research works conforming to the sub-themes of the conference for oral and poster presentation. The abstract mentioning the sub-theme and title of the paper (within 500 words and with references and limited number of illustrations) should be communicated by e-mail attachment to **convenor.geol@presiumiv.ac.in** along with the prescribed registration form duly filled in.

Accommodation

A limited number of accommodations will be available for participants on the first come first served basis. Registration fee does not include accommodation. The Organizing Committee may help in arranging accommodation of the delegates on receiving request well in advance. Participants should communicate their travel plans and deposit a sum of Rs. 1000/- for advance booking of hotel or guest house rooms through bank transfer within the stipulated date.

REGISTRATION DETAILS

❖ Charges for Registration:

- Faculty / Scientist: Rs. 2000/-
- Student / Research Scholar: Rs. 1000/-

It should be noted that the registration is valid for the first author only.

❖ Please submit Registration fees to:

Axis Bank, Central Avenue Branch, Kolkata

Name of the A/C Presidency University Geology Seminar

A/C No 914020017802958

IFSC Code UTIB0000870

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Branch Code 000870



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