



BUNDELKHAND UNIVERSITY
JHANSI, UTTAR PRADESH, INDIA
A State University | Established in 1975



Science, more science and still more science is needed to lay the strong foundations for the development and growth of an individual, a society, a nation and the world –

Dr. A.P.J. Abdul Kalam

4th International Conference On Precambrian Continental Growth & Tectonism (PCGT-2027)

 **March 08–12, 2027 | Hybrid Mode**



CIRCULAR

Venue:

Department of Geology
Institute of Earth Sciences
Bundelkhand University
Jhansi 284128, India

Karelian Research Centre
Institute of Geology, RAS
Petrozavodsk, Russia

University of Lucknow
Lucknow, India

Conveners:

Prof. Vinod K. Singh, Head, Department of Geology, BU Jhansi, India
Prof. A.I. Slabunov, Institute of Geology, Karelian Research Centre, RAS, Petrozavodsk, Russia
Prof. Dhruvsen Singh, Department of Geology, Lucknow University, India
Dr. Chetan A. Dubey, Department of Geology, BU Jhansi

Organizing Secretary & Treasurer:

Dr. Pratigya Pathak, Department of Geology, BU Jhansi, India



Mobile & WhatsApp No. +91 9415258237



Fax: +91-510-2320761, 2320762



e-mail: vinodksingh@bujhansi.ac.in

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Co-Patron	Prof. Olga N. Bakhmet, <i>Director, KarRC RAS (Russia)</i>
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A Cordial Invitation

Following the grand success of the previous three international conferences on Precambrian Continental Growth and Tectonism, the Department of Geology, Institute of Earth Sciences, Bundelkhand University is organizing the **4th International Conference on Precambrian Continental Growth and Tectonism (PCGT–2027)**. The pivotal role of basic and Earth sciences in driving technological advancement and economic development is globally acknowledged. Scientific investigation and fundamental geological research have consistently provided the foundational knowledge required for sustainable resource management and industrial progress worldwide.



Academic conferences serve as vital platforms for exchanging frontier research ideas, fostering collaboration, and disseminating knowledge. As Patron of this conference, it gives me immense satisfaction to see that the Institute adheres to high standards of academic and research excellence. I am delighted to note the enthusiastic participation anticipated from eminent geoscientists, researchers, and young scholars from across the globe. Organizing an international event of this scale is a significant endeavour, and I am confident that the Department of Geology will meet the highest expectations of the global academic community. I extend my sincere congratulations and best wishes to the organizing team for a successful event.

It gives me great pleasure to welcome you to Bundelkhand University, situated amidst the picturesque hillocks of Kaimasan in the historic city of Jhansi. The university boasts an eco-friendly campus equipped with modern infrastructure and research facilities. Jhansi is also geographically proximate and well-connected to renowned cultural and geological heritage sites, including Khajuraho, Orchha, Agra, Chitrakoot, and Shivpuri. Ranked among the leading state universities of higher learning and research in Uttar Pradesh, Bundelkhand University remains steadfast in its pursuit of excellence.

We look forward to warmly welcoming you to our campus for what promises to be an intellectually stimulating and fruitful academic deliberations.

Prof. Mukesh Pandey

Vice Chancellor & Patron, PCGT–2027

MESSAGE FROM THE PRESIDENT

Prof. Talat Ahmad

INSA Senior – Scientists, WIHG, Dehradun

Former Vice-Chancellor, University of Kashmir & JMI, New Delhi



The Bundelkhand University, Jhansi, India, is organizing the 4th International Conference on Precambrian Continental Growth and Tectonism (PCGT–2027) during March 8–12, 2027, in collaboration with the Karelian Research Centre, RAS, Russia, and University of Lucknow, India. The conference will include a two-day geological field excursion to selected Precambrian exposures, providing participants an opportunity to examine field evidence relevant to current concepts of continental growth and tectonic evolution.

The conference is motivated by recent advances in the isotopic, geochemical, and seismic characterization of the Indian continental lithosphere, particularly its collage of Precambrian cratons and intervening terrains. These studies provide important insights into the processes of crustal accretion, reworking, and stabilization from the Archean to the Pan-African. Investigations ranging from micro- to macro-scale geology, together with seismic imaging of the deeper crust, offer new perspectives for developing an integrated understanding of Precambrian continental evolution.

Located in the heart of the Bundelkhand region, Jhansi provides an ideal setting for this scientific gathering, combining exceptional geological significance with a rich cultural and historical heritage. The Organizing Committee will make every effort to provide excellent facilities and arrangements for participants, including opportunities to experience the region's cultural and historical attractions.

We hope PCGT–2027 inspires scientists to exchange ideas, advance our understanding of early Earth evolution, and enjoy a memorable scientific and cultural experience in India.

Prof. Talat Ahmad

President, PCGT–2027

Preamble

Extensive geological, geochemical, geochronological, and geophysical studies have significantly advanced our understanding of Precambrian continental growth, tectonics, magmatism, crustal reworking, and stabilization. Nevertheless, the vast duration and complexity of Precambrian Earth history leave considerable scope for further research and debate. Precambrian cratons not only preserve critical records of early continental evolution but also host many economically important mineral resources, making their study fundamental to understanding the long-term geodynamic evolution of the Earth.

Recognizing the importance of scientific interaction and exchange of ideas, Bundelkhand University, Jhansi, in collaboration with the Karelian Research Centre, RAS, Russia, and the University of Lucknow, India, is organizing the 4th International Conference on Precambrian Continental Growth and Tectonism (PCGT–2027) during March 8–12, 2027. The earlier PCGT conferences, held at Bundelkhand University in 2005, 2009, and 2013, brought together researchers from across the world, with proceedings published in *Gondwana Research* (Elsevier) and *International Geology Review* (Taylor & Francis). Building on this legacy, PCGT–2027 will provide an international forum to present new findings, exchange ideas, and develop integrated perspectives on Precambrian continental growth and tectonic evolution.

Theme

The present conference proposes to focus mainly on the following themes related to the Precambrian history of the Earth:

- Magmatism and Crustal Evolution
- Geodynamic Modeling, Plate Motion, and Reconstruction of Supercontinents
- Structure and Tectonics
- Metamorphism, Metasomatism and Fluids
- Sedimentation and Sedimentary basins
- Geochronology
- Metallogeny
- Miscellaneous

Application Form

You can apply by completing the Application Form and submitting it to the Organizing Committee no later than November 30, 2026.

Submission of Extended Abstracts and Full Papers

The authors are requested to submit extended abstracts (up to 4 pages) in English, including text, figures, tables, and references, on A4-size pages, typed with single line spacing. The abstracts should be formatted according to the guidelines provided in the Appendix. The extended abstracts should be submitted as a document attachment by email to vinodksingh@bujhansi.ac.in no later than **January 15, 2027**.

The submitted extended abstracts will be used by the Organizing Committee to prepare the conference programme and will be published as a **Special Issue by the Institute of Geology, Karelian Research Centre, Russian Academy of Sciences (KRC RAS)**.

The authors will be informed of the conference programme by **January 30, 2027**.

Full-length papers submitted by **June 30, 2027**, will be considered for publication in a **reputed international journal or by an international publisher**, subject to peer review and editorial scrutiny.

Bundelkhand University: An Emerging Centre of Excellence

Bundelkhand University, a centre of higher learning, research, and professional training, came into existence on 25 August 1975 and belongs to the younger generation of Indian universities. Nestled amidst the Kaimasan hillocks, the University is spread over a sprawling 186-acre campus. It comprises 28 institutes and

departments offering more than 110 programmes to over 10,000 students across diverse fields, leading to undergraduate, postgraduate, and doctoral degrees, including Ph.D., D.Sc., D.Litt., and LL.D.

Institute of Earth Sciences: At a Glance

The Institute of Earth Sciences was established to promote quality education and advanced research in frontier areas of pure and applied sciences, with a focus on natural-resource exploration, sustainable management, and environmental protection. The Department of Geology undertakes research in Geodynamics, Structural Geology, Geochemistry, Petrology, Palaeomagnetism, Watershed Management, Geo-environmental Studies, Quaternary Geology, Isotope Geology, Exploration Geophysics, and Remote Sensing and GIS for natural-resource management.

The Bundelkhand region is rich in mineral resources, but their sustainable utilization remains a major challenge. Unplanned mining, environmental degradation, and water scarcity due to recurrent droughts are pressing regional concerns. The Department is committed to advanced research aimed at developing viable solutions to these challenges. It offers three- and four-year undergraduate programmes, a two-year postgraduate programme, and a doctoral programme.

Weather

The climate in Jhansi during March is pleasant, with temperatures ranging from approximately 15 to 30°C.

Organization

The scientific sessions will comprise oral and poster presentations.

- A time slot of 15 minutes allowed for the oral presentation on PPT.
- The poster presentations (A0 size) will accommodate with the oral session.
- The invited theme paper may incorporate are view of present state of knowledge and new findings of global scientific interest.

Registration Fee

The online presentation requirement is waived.

Foreign delegates: **US\$ 200** per person for attending the conference.

Indian delegates: **₹ 10,000** per person for attending the conference.

The registration fee covers the conference kit, abstract volume, lunch, tea/coffee, and dinner during the conference.

Field Excursion Fee

Foreign delegates: **US\$ 100** per person towards field excursion expenses.

Indian delegates: **₹ 5,000** per person towards field excursion expenses.

Field Excursion

Date 11 March: Field excursion around the Mohar area to examine the contact between Neoproterozoic granite and Paleoproterozoic sedimentary rocks.

Date 12 March: Field excursion to the intersection of the Central and Southern terranes of the Bundelkhand Craton, with an introduction to the Meso- and Neoproterozoic greenstone complexes, the oldest Mesoproterozoic layered intrusion, and Neoproterozoic gabbroic rocks.

The two-day field excursion is planned to visit geologically significant exposures of Neoproterozoic granitoids, greenstone complexes, the oldest known Mesoproterozoic layered intrusion, and Paleoproterozoic dykes within the Bundelkhand Craton. The Bundelkhand Craton lies between the Himalaya and the Narmada–Son Lineament and is important for understanding the early evolution of the Indian Shield lithosphere.

The Bundelkhand Craton has a complex evolutionary history extending from the Archean to the Proterozoic. The craton is mainly composed of Neoarchean granites. But it contains at least three generations of Archean greenstone belts comprising amphibolites, quartzites, BIF, schists, and calc-silicate rocks, which are intruded by syn- to late-tectonic Na-rich tonalite–trondhjemite–granodiorite (TTG) suites of approximately 3.3, 3.0, and 2.7 Ga.

Proterozoic mafic magmatism is mainly represented by NW–SE-trending dyke swarms that intrude the Bundelkhand granitoids along fractures. Distinctive Paleoproterozoic giant quartz veins (quartz reefs), associated with polymetallic sulphide and pyrophyllite–diaspore mineralization, cut across the craton and form prominent landscape feature.

Detailed geological information on the field localities will be provided in the conference kit.

Hotel Accommodation

All participants will be accommodated at the Bundelkhand University International Centre on a self-payment basis. For foreign delegates, the tariff for a double room is approximately **US\$ 50–60 per day**.

Indian research scholars and students may be accommodated in the guest house at approximately **₹1,000 per day** or in hotels at approximately **₹2,000 per day**.

Visa

Foreign delegates are advised to check requirements for a visa to travel to India from a nearby Indian embassy/consulate section in your country.

Venue and Approach

The conference will be held at the Department of Geology, Bundelkhand University, Kanpur Road, Jhansi, Uttar Pradesh, India. Jhansi is the gateway to Bundelkhand and is historically associated with its legendary queen, Rani Lakshmibai, who led the resistance against British rule during the Indian Rebellion of 1857 and sacrificed her life for the cause of Indian independence.

The city is surrounded by many historical places of interest and cultural sites from its long history such as Jhansi Fort, Khajuraho (the vibrant forces of life, love and joy are depicted in stone on the temples), Orchha, Datia etc.

Jhansi is well connected by rail with New Delhi (NDLS), HAZRAT NIZAMUDDIN JN (NZM), Delhi and other major cities of India.

Foreign participants arriving at Indira Gandhi International Airport, New Delhi, may travel to Jhansi by train.

One convenient option is the SHATABDI EXPRESS (Train No. 12002), departing from NEW DELHI RAILWAY STATION (NDLS) at 06:00 AM and arriving in VEERANGANA LAKSHMIBAI JHANSI (VGLJ) at approximately 10:45 AM.

Second option is the GATIMAAN EXP (12050) departing HAZRAT NIZAMUDDIN JN (NZM) at 08:10 AM and arriving in VEERANGANA LAKSHMIBAI JHANSI (VGLJ) at approximately 12:35 PM.

For information on other connecting trains, please visit the official Indian Railways website (<http://www.indianrail.gov.in>) or the official IRCTC train booking website (<https://www.irctc.co.in/nget/train-search>).

Prof. Vinod K. Singh

(Convener)

Dr. Pratigya Pathak

(Organizing Secretary)

Important dates

November 30, 2026:–	Deadline for submission of applications (with the title of presentation) for Conference Participation and Field Trips.
January 15, 2027:–	Final day for abstract submission.
January 30, 2027:–	Second circulation with Conference Programme.
March 8, 2027:–	First day of registration and the opening of the Conference.
March 10, 2027:–	Last day of the Conference sessions.
March 11–12, 2027:–	Field trips.
June 30, 2027:–	Full-length papers submission.

Appendix

Abstract pattern

Title of abstract
(Times New Roman 14, bold)

One-line spacing

Singh A.B.¹, Smith A.²

(Times New Roman 12, bold)

One-line spacing

¹Organization, city, country, e-mail

²Organization, city, country, e-mail

(Times New Roman 9, normal)

Two-line spacing

The text of an abstract is 4 pages long. The text is in Microsoft Word format; font Times New Roman 12, single spacing. All margins are 2.0 cm wide. The text should be justified. Each paragraph begins with a 1.25 cm indent. Words are not carried over and pages are not numbered. References in the text (not more than 10) are indicated as a number, e.g. [1]. Each figure and table is submitted as a separate file, as are figure captions. Figures in vector format have a line thickness of at least 0.5-1.0 point. Scanned figures have a resolution of at least 300 dpi. Files in TIF-format are submitted without LZW compression, JPEG saved at quality level 5. An abstract is sent as an enclosed file by e-mail to the Organizing Committee vinodksingh@bujhansi.ac.in. The file should be named after the first author.

Two-line spacing

References (Times New Roman 9, bold, normal)

1. Ivanov A.B. Early Precambrian of the Baltic Shield. London: The Geological Society. 1976. 150 p. (*for books*)
2. Petrov A.V. Paleozoic evolution of magmatism in the southern Urals // Evolution of intracontinental mobile belts. Abstracts. Ekaterinburg: UrO RAS. 2003. P. 95-96. (*for abstracts*)
3. O'Brien P. J. and Ritzler J. High-pressure granulites: formation, recovery of peak conditions and implications for tectonics // J. Metamorphic Geology. 2003. V. 21. No. 1. P. 3-20. (*for papers*)

APPLICATION FORM

**4th International Conference
On
Precambrian Continental Growth & Tectonism (PCGT–2027)**

March 08–12, 2027, Jhansi–284 128 (UP) INDIA

Please submit by e-mail to the Organizing Committee.

E-mail vinodksingh@bujhansi.ac.in

First name:	
Family name:	
Affiliation:	
Address:	
Phone:	
E-mail:	
Title of abstract:	
I wish to participate in Field Trips:	
Preferred form of presentation:	