

Memorandum of Understanding (MoU)

between



CSIR-National Geophysical Research Institute (CSIR-NGRI)

Hyderabad-500 007



Bundelkhand University

Jhansi, Uttar Pradesh-284 128

This memorandum of understanding (hereinafter referred to as the "MoU") is made and entered on Monday, 4th September, 2023

between

National Geophysical Research Institute (CSIR-NGRI), Hyderabad a constituent laboratory of the Council of Scientific and Industrial Research, Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, is a geoscientific research organization established in 1961 under the Council of Scientific Research (CSIR), India's largest Research and Development organization. "Research areas covered by this institute include hydrocarbon and coal exploration, mineral exploration, deep seismic sounding studies, exploration and management of groundwater resources, earthquake hazard assessment, structure of earth's interior and its evolution (theoretical studies), geophysical instrument development and geothermal exploration", represented by The Director (hereinafter referred to as **CSIR-NGRI**);

First Party

And

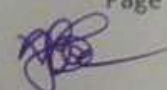
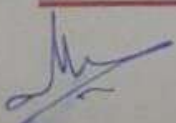
Bundelkhand University, Jhansi (hereinafter referred to as BU) a public state University came into existence on August 26, 1975, vide Government of Uttar Pradesh Notification No. 10/15-60/74 under the provision of the U.P. Universities Act and represented by the Vice chancellor, which expression shall, unless repugnant to the context and meaning thereof, be deemed to mean and include successors, Registrar is representatives and permitted assignees shall execute the MoU on behalf of the BU.

Second Party

CSIR-NGRI and BU are individually referred to as the "Party" and collectively referred to as the "Parties".

Whereas

CSIR-NGRI is a Government of India-owned, premier multi-disciplinary research institute in India with headquarter in Hyderabad. It is engaged in R&D activities in Earth Sciences including sponsored research work in geophysical studies covering basic, applied, computational aspects of Geophysics, Geology and Geochemistry.



Whereas

Bundelkhand University, is the public State University based in Jhansi, Uttar Pradesh, founded in 1975, vide Government of Uttar Pradesh Notification No. 10/15-60/74 under the provision of the U.P. Universities Act. It has Professional, technical and vocational study programmes along with facilities for research. The University is a member of Association of Indian Universities (AIU), and Association of Commonwealth Universities (ACU). The University is accredited by the National Assessment and Accreditation Council (NAAC). There are more than 330 colleges under the jurisdiction of this University. The University offers various U.G. and P.G. Courses in the disciplines of Science, Social Science, Humanities, Commerce, Law, Education, Engineering and Medicine.

BU having its permanent campus presently located at Kanpur Road, Jhansi and has 38 departments of Basic, Life and Applied sciences with a state-of-the art Innovation Centre and well-equipped labs in its Four Centers of excellence. The Institute of Earth Sciences is a very special department in the campus which is well equipped with modern lab facilities and covered under the FIST program of DST, Center of Excellence by state government. The department has several collaborations with National and International Institutes and Universities and has organized three international seminars on Precambrian continental growth and tectonism (PCGT) and various national Seminars on Precambrian. The Faculty members publish many research papers of world standard, every year. The major areas in the department of Geology, where the study/research/collaborative projects under MoU shall be conducted, has strength and can add substantial economic value are:

- Research and Training in selected and advanced thrust areas of earth sciences
- BU-NGRI Joint Research Programs Funded from outside agencies viz, DST, CSIR, UGC etc.
- Any other area of Interest.

Whereas

CSIR-NGRI and BU, in the form of this MoU express mutual interest to jointly undertake advanced research, development of projects addressing complex Geological, Geochemical and Geophysical problems in a collaborative manner for the enhancement of the present-day knowledge.



1. NATURE OF COOPERATION

1.1 The MoU expresses mutual interest between the Parties to promote collaborative research, facilitate exchange of ideas, development of new knowledge and to enhance high quality research acumen.

2. Areas of collaboration

Both institutions will cooperate to undertake the following:

2.1 Academic:

The two institutions shall collaborate in developing new academic programs and enrich the existing ones with the consideration of emerging areas of the Earth Science.

Participation of the BU faculty and CSIR-NGRI scientists in teaching of courses to students in areas of Geology and Geophysics

Extend the laboratory and library facilities of both the organizations to researchers and students on a case-to-case basis with the prior approval of competent authority of both the organizations

2.2 Research:

The two organizations shall collaborate with each other as mentioned below:

1. Formulate and implement joint research projects on mutually interested areas in the field of Geology, Geophysics and Geochemistry.
2. Recognize qualified scientists of CSIR-NGRI as PhD supervisors of the BU as per the guidelines of the BU, so that the scientists guide the students along with the faculty of BU.
3. The students, who complete the procedure of BU PhD program may carry out their research at CSIR-NGRI after completion of one-year course work at BU and such students will be jointly guided by the faculty of BU and CSIR-NGRI.
4. Design and conduct conferences/ workshops/ seminars jointly with active participation of faculty members from the both organizations.
5. Any IPR generated out of the collaboration will be shared equally by both the parties.

2.3 Faculty/ Scientists Exchange:

Both Organizations shall encourage and support exchange of faculty and research scientists whenever required in furtherance of various joint research programs.

3. UNDERSTANDING OF PARTIES

3.1 Nothing in this MoU shall grant to either Party the right to bind the other Party, without the prior written consent of the other Party.

3.2 The Parties understand and acknowledge that this Memorandum of Understanding will provide the foundation for more comprehensive and definitive Agreements.

3.3 Each Party would bear its own costs, including costs and expenses with regard to implementation of this MoU. Further, actual implementation would be undertaken by respective Party at its own risk and cost.

3.4 The provisions of this Memorandum reflect the current plans and intentions of CSIR-NGRI and BU. However, specific terms and conditions with respect to particular research projects to be undertaken under this MoU are to be set forth in future definitive agreements between the Parties.

3.5 This Memorandum of Understanding is a non-exclusive arrangement among the Parties.

3.6 None of the Parties shall incur any obligations or liabilities on behalf of the other Party or the Parties without entering into specific definitive agreements, as the case may be. None of the Parties shall act as an agent, employee, partner or joint venture of the other Party or the Parties. Any obligations and liabilities of the Parties hereunder shall be individual and not joint or collective.

4. TERM OF MOU

The MoU shall become effective on the date of its execution by the Parties and shall terminate five (5) years thereafter.

5. TERMINATION AND WITHDRAWAL

This MoU is liable to be terminated, if any Party passes a resolution that it is to be winded up.

This MoU may be terminated:

- (i) By either Party upon providing 30 days written notice to terminate the MoU on reasonable grounds;
- (ii) In the event of force majeure prohibiting its continuity;
- (iii) If any Party breaches any of its obligations under this MoU the other Party shall give a notice of the breach to the defaulting Party within 30 days of occurrence of the said breach or of becoming aware of the said breach. Thereafter, if the defaulting Party fails to remedy the said breach within a period of 15 days of receiving the above notice, the other Party shall be at liberty to terminate the MoU;
- (iv) Completion of the purpose as stated in serial number (1);
- (v) Any exigency on part of CSIR-NGRI or BU that may require termination of this MoU;

6. AMENDMENT

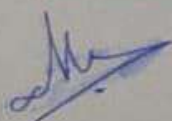
This MoU may be amended upon the mutual consent of both Parties in writing and such amendments will have no impact on any specific agreement then in force.

7. CONFIDENTIALITY

Both Parties acknowledge the confidentiality of the information which may be transferred between the Parties from time to time as being essential to this MoU and agree not to disclose the same to any third party without prior approval from other Party.

8. RESOLUTION OF DISPUTES

All disputes regarding the interpretation of contents of this MoU or its implementation shall be resolved mutually by the Vice-Chancellor, BU, Jhansi and the Director, CSIR-NGRI, Hyderabad. Any dispute remaining unresolved shall be taken up for arbitration as per the provisions of the Arbitration and Conciliations Act 1996.



9. SIGNATORIES

The MoU shall be signed by the Director, CSIR-NGRI and the Vice Chancellor, BU. The originals, made in duplicate, will be retained by CSIR-NGRI and Registrar, BU.

As witnessed by the hands of duly authorized representatives of the Parties as of the date hereunder:

MKwz

Dr. Prakash Kumar
Director, CSIR-NGRI
Uppal Road, Hyderabad
500008



Date:
Place: Hyderabad

Witness:
Dr. M. J. Nandan
Chief Scientist, CSIR-NGRI

MJN
04/09/23

Mukesh Pandey
04/09/23

Dr. Mukesh Pandey
Vice Chancellor
Bundelkhand University,
Jhansi-284128

Date:
Place: Hyderabad

Witness:
Prof. M.M. Singh
Professor of Geology,
& Dean, Engg.

M.M. Singh
04.09/2023