



पश्चिमबङ्ग पश्चिम बंगाल WEST BENGAL

AZ 264607

MEMORANDUM of UNDERSTANDING (MoU)

BETWEEN

Bose Institute, Kolkata

AND

Indian Institute of Science Education and Research, KOLKATA

1. THE AGREEMENT

1.1 This agreement ("Agreement") entered on this 18 day of April, 2026 by and between

Bose Institute, an Autonomous Research Institute funded by the Department of Science and Technology, Government of India, and registered under the Societies Registration Act, XXI of 1860 (Registration No. 2989/17 of 1918–1919), having its registered office at 93/1, Acharya Prafulla Chandra Road, Kolkata – 700009, West Bengal, India (hereinafter referred to as 'BI' for the sake of brevity and convenience, which expression shall, unless repugnant to the context or meaning thereof, include its representatives, successors, and permitted assigns) of the ONE PART

AND

The Indian Institute of Science Education and Research having its registered office at Mohanpur, Nadia, West Bengal, Pincode – 741246 (hereinafter called "IISER Kolkata" for the sake of brevity and convenience which expression shall, unless repugnant to the context or meaning thereof, include its representatives, successors, and permitted assigns) of the OTHER PART

[Handwritten signatures]

2. PREAMBLE:

2.1 The Bose Institute, Kolkata is a grant-in-aid autonomous institution under the Department of Science and Technology (DST), Ministry of Science & Technology, Government of India. It is Asia's first research center devoted to interdisciplinary research and bears a century-old tradition of research excellence. Bose Institute has an established Ph.D. programme in Biological, Chemical and Physical sciences. The scientists at Bose Institute undertake cutting edge carried out in: Plant Science, Structural Biology, Biochemistry, Biophysics, Synthetic Organic Chemistry, Medicinal Chemistry, Spectroscopy, Bioinformatics, Computational Biology, Theoretical Chemistry, Nuclear Astrophysics, High Energy Physics, Condensed Matter Physics, Complex Systems, Quantum Computation, and Environmental Science. Bose Institute boasts of high-end research infrastructure and structured PhD & M.Sc.-Ph.D. academic programs.

2.2 The Indian Institute of Science Education and Research Kolkata (IISER Kolkata), an autonomous, degree-granting institute of national importance of the Ministry of Education, established by the Govt. of India, with campus at Mohanpur —741246, District Nadia, West Bengal. IISER Kolkata, it's an institute of higher learning and research with state-of-the-art research facilities and well-structured PhD, under graduate and postgraduate academic programmes.

3. SCOPE OF WORK

3.1. BI and IISER, Kolkata desire to implement cooperative and collaborative activities in the areas of mutual interest, which would address multi-disciplinary scientific and technological problems as well as achieve educational goals to advance research through inventions, improvements and discoveries on the issues of relevance to the country. Each Institution will appoint one person to be specifically responsible for the information transfer contacts etc. involved in this MOU. The Contact Persons/ Principal Investigators (PIs)/Nodal Officers will be responsible for the dissemination of the information within their respective institutions.

3.2. **Prof. Shubho Chaudhuri, Dean, Research and Development, Bose Institute** and **Prof. Priyadarsi De, Dean of Research and Development, IISER Kolkata** will be the Contact Persons/ Principal Investigators (PIs)/Nodal Officers, hereinafter referred to as "PI" and the nodal contacts for the implementation of the MoU, until further notifications from the respective institutions.

3.3. This MoU is meant to be a broad guideline, specific agreements between PIs shall be made for joint projects/programmes to be undertaken by the PIs before commencement of specific projects with the explicit approval of the Director, BI and the Director, IISER, Kolkata

3.4. In pursuing collaborative activities, the participating PIs/faculty members of both organizations will agree to respect and abide by the rules and regulations of the respective organizations.

4. OBJECTIVE OF THE MoU

4.1. The aim is to promote cooperation and collaboration in research studies. This agreement will enable researchers, faculty and students from the organizations to undertake joint projects, collaborative research and the use of the facilities.

5. SCOPE OF CO-OPERATION

5.1 Bose Institute, Kolkata and IISER, Kolkata desire to implement in the areas of mutual interest, cooperative and collaborative activities, which would address multi-disciplinary scientific and technological problems as well as achieve educational goals to advance research through inventions and improvements and discoveries on the issues of relevance to the country. Each Institution will appoint one person to be specifically responsible for the information transfer contacts etc. involved in this MOU. The contact persons will be responsible for the dissemination of the information within their respective institutions.

6. ROLES AND RESPONSIBILITIES OF BOSE INSTITUTE KOLKATA AND IISER KOLKATA

6.1. Research and Academic Collaboration:

- 6.1.1. This MOU will enable exchange of samples and information between the organizations to address research questions of mutual interest.
- 6.1.2. With the explicit approval of the Director, BI and the Director, IISER, Kolkata, the faculty and staff of Bose Institute Kolkata and IISER Kolkata may jointly apply to the funding agencies for financial support for the collaborative research.
- 6.1.3. Capacity building through exchange and training of students and researchers, joint supervision and student internship as applicable.
- 6.1.4. Authorship in publications from the Collaborative Research will be based on academic standards and accordance with ICMJE guidelines & mutually agreed Terms and Conditions.
- 6.1.5. Multi Institutional Research seed projects (MIRSP) for 2 years will be undertaken on the selected areas between Bose Institute Kolkata and IISER Kolkata.
- 6.1.6. With the explicit approval of the Director, BI and the Director, IISER, Kolkata, a committee, comprising of external experts, will select one MIRSP each year out of the proposals received against a common call from the Institutes.
- 6.1.7. With the explicit approval of the Director, BI and the Director, IISER, Kolkata, parties may organize faculty lectures on selected topics together.
- 6.1.8. Students of all the parties may be permitted to attend courses of interest without grading.
- 6.1.9. Both parties may use of research facilities with mutual consent.



7. DESIGNATED PIs /FACULTY MEMBERS OF THE RESPECTIVE INSTITUTES

The collaboration will be coordinated by designated faculty members from the two institutions, namely, **Prof. Shubho Chaudhuri, Dean, Research and Development, Bose Institute** and **Prof. Priyadarsi De, Dean of Research and Development, IISER Kolkata**

8. CONFIDENTIALITY

8.1 None of the institutions shall use the name or logo of the other for any purpose whether in relation to any advertisement or other form of publicity without obtaining the prior written consent of the other institution.

8.2 However, the institutions may notify third parties of the fact that this MOU is in effect.

8.3 All information furnished in relation to this MOU by one institution to the other, which is clearly identified as proprietary or confidential at the time of disclosure, will be kept confidential by the receiving institution, and will not be disclosed to any third party other than to carry out the provisions of this MOU, unless agreed in writing between the institutions. This includes abstracts and presentations for scientific meetings pertaining to the collaborative research project.

8.4 The provisions of this clause will not apply to information in the public domain; information in the possession of the receiving institution prior to the disclosure of the information; information which is independently developed by the receiving institution; information required to be released by law; and information which is rightfully received by receiving institution from third parties without accompanying confidentiality obligations.

8.5 This clause will survive the expiration or termination of this MOU for one year from the date of expiration or termination of this MOU.

8.6 The above confidential clause under this MoU excludes information/data possessed by either party before entering into this MoU or independently developed and/or information already available in the public domain.

9. INDEMNIFICATION

Each Party is responsible for its own acts and omissions relating to this Agreement and any materials or equipment or services provided in connection with this Agreement, including without limitation, acts or omissions of its employees, faculty, staff, students, subcontractors, or consultants or the like. Each Party (in the capacity as Indemnifying Party) agrees to indemnify, defend and hold the other Party, its directors, officers, employees, students, advisors and agents (in the capacity of Indemnified Party) harmless, from and against any claims, demands, suits, proceedings, damages, costs, losses, liabilities, fines, penalties and expenses therewith to the extent such demand, claim or action relates to or it's based on violation of any applicable law or rules or breach of



confidentiality; or any violation or misappropriation or infringement of third party intellectual property rights or moral/privacy rights of the other Party.

10. Intellectual Property (IP) Rights:

- 10.1 Both BI and IISER, Kolkata agrees to share and exchange knowledge and intellectual property generated out of the research collaboration between the two concerned organizations with the prior approval of the Director, BI and the Director, IISER, Kolkata. Separate agreements shall be entered into for the modalities of sharing the IPR with the explicit prior permission of the Director, BI and the Director, IISER, Kolkata.
- 10.2 The question of whether intellectual property rights should be secured and the territory where these shall be secured shall be decided jointly by the Director, BI and Director, IISER, Kolkata. In case of BI, if any patent is to be signed, the same is to be filed with the prior and explicit approval of the Director, BI and as per the extant guidelines prevailing in Bose Institute.
- 10.3 Knowledge developed through collaborative activities and projects, which can result in IPR/commercial value, will be covered by patents filed jointly by the PIs and other researchers involved in the work, in compliance with the general policies of the two organizations as well as the law of the land. Intellectual property rights generated through projects with scientific/technical collaboration shall be jointly owned.
- 10.4 Neither PARTY may make use of, for their own internal purposes, all information and data generated during the program of collaborative work with due consent of all of the collaborating scientists involved.

11. Representation and Use of Logos:

- 11.1 Neither PARTY will make any representation to Government/Statutory Bodies on behalf of each other, unless the same has been specifically approved by the competent authorities in the two organizations, namely, the Director, IISER, Kolkata or the Director of BI.
- 11.2 This MoU recognizes that both BI and IISER, Kolkata logos are widely known in India and overseas. The use of either organization's logo has, therefore, to be authorized by the respective organization, and it is necessary to seek prior approval in writing detailing the context of usage, from the other party, before using their logo and during the publication both the parties can use their respective logos without any prior approval.

12. Commencement and validation of MoU

- 12.1 The effective date of the MoU shall be from the date of signing.
- 12.2 The duration of the MoU shall be for a period of five years from the effective date. During the tenure, the MoU may be extended or terminated with prior notice of not less three months by either party.

12.3 Once terminated, neither PARTY will be responsible for any losses, financial or otherwise which the other party may suffer. However, both the parties will ensure all activities in progress are allowed and completed successfully.

12.4 The termination of the MoU whether mutual or unilateral, shall not affect the obligations of the participants under any Research Agreement. Confidentiality clause obligation as referred to in clause 7 above shall survive such termination.

13. Force Majeure:

Neither party shall be held responsible for non-fulfilment of their respective obligations under this MoU due to the exigency of one or more of the force majeure events such as but not limited to Acts of God, war, flood, earthquakes, strikes, lockouts, lockdowns, epidemics, riots, civil commotion, etc. provided on the occurrence and cessation of any such events, the party affected thereby shall give notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide the future course of action.

14. Amendments and alterations:

Any article of this MoU may be amended or terminated by a written agreement executed jointly by the aforesaid organizations. The amendment/termination shall become effective from the date on which it has been made unless otherwise agreed to.

15. Dispute Resolution:

In case of any dispute or difference of opinion or interpretation of the MOU arising out of the activities performed under the provisions of this contract or related document not amicably resolved completely by mutual discussion or consultation, the parties to this MOU with mutual consent, may take recourse of any alternative dispute settlement mechanism including arbitration for settlement of such disputes as per applicable law and procedure. All research activities undertaken jointly by Bose Institute, Kolkata and IISER, Kolkata under this MOU will be governed by the Laws of India. This MOU shall be governed by and construed in accordance with Indian laws subject to exclusive jurisdiction of court in Kolkata, India.

16. Jurisdiction:

This MoU shall be governed by laws in India and the Hon'ble High Court, Calcutta shall have the exclusive jurisdiction with respect to matters arising in relation to this MoU.

17. Signed in Duplicate:

This MoU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.



18. Financial Liability:

There is no financial liability to any of these two organizations for executing this MOU. Each PI must agree to pay fees/charges as applicable in the other institute while using their facilities.

19. Effective Date and Signature:

The implementation of this MoU is subject to the applicable laws and regulations of India. Each party agrees to abide by all such laws. This MoU shall come into effect upon the signature of authorized officials of the two organizations.

19 NODAL PERSONS

For Bose Institute Kolkata	For IISER Kolkata
Prof. Shubho Chaudhuri, Dean, Research and Development	Prof. Priyadarsi De, Dean of Research and Development

In witness where of the undersigned, duly authorized thereto, have signed this MOU on 18 day of April, 2026.....

(Prof. Kaustuv Sanyal)
Director,
Bose Institute
Kolkata

कौस्तुभ सान्याल / Kaustuv Sanyal
निदेशक / Director
बसु विज्ञान मन्दिर
BOSE INSTITUTE
कोलकाता / Kolkata

Date:

Witness:

1.
SOUMEN ROY

2.
PALLOB KUNDU

(Prof. Sunil Kumar Khare)
Director
IISER Kolkata

निदेशक / Director
भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान कोलकाता
Indian Institute of Science Education and Research Kolkata
(Under Ministry of Education, Govt. of India)
मोहनपुर/Mohanpur-741246, पश्चिम बंगाल/West Bengal

Witness:

1.
DEBASIS KOLEY,

2.
[ANIRBAN BANERJEE]