

**MEMORANDUM OF UNDERSTANDING
BETWEEN**

Homi Bhabha National Institute, a Trust registered under the Bombay Public Trusts Act, 1950 and a deemed to be university, having its office at 2nd floor, BARC Training School Complex, Anushaktinagar, Mumbai, - 400 094, represented by its Registrar, (hereinafter referred to as "HBNI") which expression shall unless it is repugnant to the context or meaning thereof, include its representatives, nominees, affiliates, and/or assigns of HBNI, its Constituent Institutions (hereinafter referred to as CIs) and Off Campus Centre (OCC) of HBNI, of the **FIRST PART**

AND

Indian Institute of Science, a Trust registered under the Charitable Endowments Act of 1890 and a centrally funded Technical Institution, a Deemed to be university and an autonomous body funded by Ministry of Education, Government of India and having its Registered Office at Sir. C. V. Raman Road, Bengaluru, Karnataka – 560 012, represented by its Registrar, (hereinafter referred to as "IISc") which expression shall unless it is repugnant to the context or meaning thereof, include its representatives, nominees, affiliates, and/or assigns of IISc, of the **SECOND PART**;

1. Preamble

The Indian Institute of Science (hereinafter referred to as IISc), is a premier institution dedicated to the research, teaching and application of science and engineering. The Homi Bhabha National Institute (hereafter referred to as HBNI) is a Deemed to be University of high repute established under the aegis of the Department of Atomic Energy ("DAE"), Government of India. For the purpose of academic activities and programmes, the following units of DAE are the Constituent Institutions (CIs)/Off Campus Centre (OCC) of HBNI:

- a. Bhabha Atomic Research Centre (BARC), Mumbai
- b. Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
- c. Raja Ramanna Centre for Advanced Technology (RRCAT), Indore
- d. Variable Energy Cyclotron Centre (VECC), Kolkata
- e. Saha Institute of Nuclear Physics (SINP), Kolkata
- f. Institute of Plasma Research (IPR), Gandhinagar
- g. Institute of Physics (IoP), Bhubaneswar
- h. Harish-Chandra Research Institute (HRI), (Prayagraj)
- i. Pata Memorial Centre (TMC), Mumbai



- j. Institute of Mathematical Science IMSc), Chennai
- k. National Institute of Science Education and Research (NISER), Bhubaneswar

The institutions at S.No. (a) to (j) are the CIs and (k) is the OCC.

RECOGNISING the longstanding collaboration and cooperation between IISc and some of the CIs/OCC of HBNI, while continuing the existing programmes as of present, there is a scope of further expansion of the existing collaboration and cooperation, IISc and HBNI, collectively referred to as "Partner Institutes" or "Parties" and individually as "Party", hereby agree to create a long-term institutional partnership in education and research, according to the broad framework set forth in this Memorandum of Understanding (MoU).

2. Objective

To create a long-term institutional partnership in education and enhance collaborative research in the areas of mutual interest, both in the extent and scope, by using the medium of research students enrolled in the partner institutes.

3. Modalities of cooperation

3.1 A student registered under a supervisor for Ph.D. in one Partner Institute (hereafter Referred to as Parent Institute) can have a co-supervisor from the other partner Institute. To that end, the Supervisor from the Parent Institute of the student will identify and seek concurrence of a faculty member from the Partner Institute to take up the responsibility of being a co-supervisor. The arrangement will come into effect after the supervisor and the co-supervisor obtain approval for the same from their respective institute.

3.2 The Ph.D. students in one Partner Institute may carry a part of the course work in the other Partner Institute with credit transfer. In particular,

- a) The courses to be credited to the student for attending a course in the Partner Institute will be determined by the Parent Institute of the student in consultation with Partner Institute.
- b) To facilitate the process of a student attending a course in the Partner Institute, the supervisor of the student in the Parent Institute will put up the proposal (in consultation with appropriate academic bodies of the Department) to the Dean Academic Research (IISc/Dean (HBNI) — as the case may be. This will be as per PhD regulation in vogue in partner Institute.

3.3 The Parent Institute shall be responsible for paying to the Partner Institute the prescribed tuition fee, if

