

**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**HOMI BHABHA NATIONAL INSTITUTE**  
**AND**  
**INDIAN STATISTICAL INSTITUTE, KOLKATA**

1. Preamble

The Indian Statistical Institute, Kolkata (hereafter referred to as ISI) is a premier institution devoted to the research, teaching and application of statistics, mathematics, computer science, natural sciences and social sciences and the Homi Bhabha National Institute (hereafter referred to as HBNI), a Deemed to be University, is a newly established institute under the aegis of the Department of Atomic Energy (hereafter referred to as DAE), Government of India. For the purpose of academic programmes, the following units of DAE are the Constituent Institutions (CIs) of HBNI:

1. Bhabha Atomic Research Centre (BARC), Mumbai
2. Indira Gandhi Centre for Atomic Research (IGCAR), Kapakkam
3. Raja Ramanna Centre for Advanced Technology (RRCAT), Indore
4. Variable Energy Cyclotron Centre (VECC), Kolkata
5. Saha Institute of Nuclear Physics (SINP), Kolkata
6. Institute of Plasma Research (IPR), Gandhinagar
7. Institute of Physics (IOP), Bhubaneswar
8. Harish Chandra Research Institute (HRI), Allahabad
9. Tata Memorial Centre (TMC), Mumbai
10. Institute of Mathematical Science (IMSc), Chennai

RECOGNISING the long-standing collaboration and cooperation between ISI and some of the CIs of HBNI and in view of the establishment of HBNI, while continuing the existing programmes as of present, there is scope of further expansion of the existing collaboration and cooperation, the ISI and HBNI, collectively referred to as "Partner Institutes"

HEREBY agree to create a long-term institutional partnership in education and research, including the possibility of enhanced funding for collaborative research in areas of mutual interest supported by extramural funding through the Board of Research in Nuclear Sciences (BRNS), a body under DAE, according to the broad framework set forth in this Memorandum of Understanding (MoU).

2. Objective

To enhance collaborative research in the areas of mutual interest, both in 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 M.Sc (Engg) / M. Tech. / Ph.D. in one Partner Institute (hereinafter 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 M.Sc (Engg) / M. Tech. / 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 credits to be awarded to the student for attending a course in the Partner Institute will be determined by the Partner Institute of the student.
  - b) To facilitate the process of a student attending a course in the Partner Institute, the supervisor of the student will put up the proposal (in consultation with appropriate academic bodies of the Department) to the Dean of Studies (ISI) / Dean (HBNI) – as the case may be.
- 3.3 The Parent Institute shall be responsible for paying to the Partner Institute the tuition fee, if any, for participation of its students in the course work conducted at the Partner Institute, provided it is approved a priori, by the competent authorities of the Parent Institute.
- 3.4 The exchange of faculty for lectures and research for short periods shall be initiated or further strengthened.
- 3.5 A mechanism shall be formulated to identify the research areas of

mutual interest and for possible funding for the same from BRNS.

3.6 The issues related with the Intellectual Property Right (IPR) with regard to the outcomes of the collaborative research and the outcomes of project/thesis work carried under the joint supervision of the faculty from the Partner Institutes shall be governed by the IPR regulations of the Government of India, and by those of the Partner Institutes.

#### 4 Implementation

4.1 This MoU becomes effective from the later of the dates on which it is signed by the Partner Institutes and will be valid for an initial period of five years. The agreement may be extended by mutual consent. In case one Partner Institute wishes to cancel the MoU, written intent to that effect will have to be communicated. The MoU in that event will cease to be operative after six months from the date of communication. However, the commitments already made under this MoU before its lapse or termination will be fulfilled.

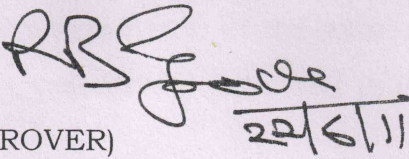
4.2 For implementation of this MoU, the following will be the contact persons

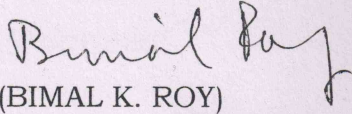
- ◆ From HBNI – Dean, HBNI
- ◆ From ISI – Dean of Studies

Signed on (date) ..... 22<sup>nd</sup> ..... day of ..... June ..... , 2011

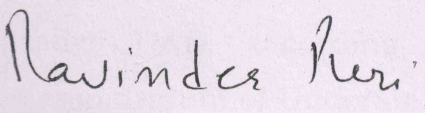
For and on behalf of  
Homi Bhabha National Institute

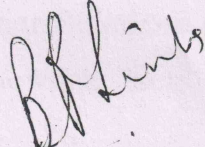
For and on behalf of  
Indian Statistical Institute, Kolkata

  
(R.B. GROVER)  
Director, HBNI

  
(BIMAL K. ROY)  
Director, ISI निर्देशक / Director  
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203, Barakpore Trunk Road, Kol-700 108.

Witness by:

  
(R.R. PURI)  
Dean, HBNI  
22-6-11

  
(BHABANI P. SINHA)  
Dean of Studies, ISI