

MEMORANDUM OF UNDERSTANDING

Between

HOMI BHABHA NATIONAL INSTITUTE

And

INDIAN INSTITUTE of TECHNOLOGY GANDHINAGAR

1. Preamble

The Indian Institute of Technology Gandhinagar (hereafter referred to as IITGN) is a premier educational institution in science, engineering, and technology and the Homi Bhabha National Institute (hereafter referred to as HBNI) is a Deemed to be a University established under the aegis of the Department of Atomic Energy (hereafter referred to as DAE), Government of India. For the purpose of the 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 for Plasma Research (IPR), Gandhinagar
- g. Institute of Physics (IoP), Bhubaneswar
- h. Harish-Chandra Research Institute (HRI), Allahabad
- i. TATA Memorial Centre (TMC), Mumbai
- j. Institute of Mathematical Sciences (IMSc), Chennai
- k. National Institute of Science Education and Research (NISER), Bhubaneswar
- l. Homi Bhabha Cancer Hospital & Mahamana Pandit Madan Mohan Malaviya Cancer Centre (HBCH & MPMMCC), Varanasi
- m. Homi Bhabha Cancer Hospital and Research Centre (HBCH & RC), New Chandigarh, Punjab

The institutes at S. No. (a) to (j) are the CIs and (k) to (m) are the OCCs.

RECOGNISING that certain collaborative programmes are ongoing because of the individual initiative such as the pursuit of research leading to the Ph.D. by employees of CI & OCC under the external registration programme of IITGN and co-supervision of Ph.D. students at IITGN by scientists/faculty of CIs/OCC and the faculty of IITGN, and

RECOGNISING that, in the view of the establishment of HBNI, while continuing the existing programmes as of present, there is scope for the further expansion of the existing collaboration and co-operation, IITGN and HBNI, collectively referred to as "Partner Institutes"



BOTH HEREBY agree to create a long-term Institutional partnership in education and research, according to the board framework outlined set forth in this memorandum of Understanding (MoU).

2. Objective

To enhance the collaborative research in the areas of mutual interest, both in the extent scope, by using the medium of research students enrolled in the partner Institutes.

3. Modalities of Co-operation

3.1 A student registered under the supervisor for M.Tech/ Ph.D. in one partner institute (Hereafter referred to as Parent Institute) can have a co-supervisor from the other partner institute on mutually agreed terms and conditions. To that end, the Supervisor from the parent institute of the student will identify and seek the concurrence of a faculty member from the partner institute to take up the responsibility of being a co-supervisor. The agreement will come into effect after the supervisor and co-supervisor obtain approval for the same from their corresponding 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,

- i) 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.
- ii) 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 (IITGN)/Dean (HBNI) - as the case may be.

3.3 The student shall be responsible for paying to the Partner Institute the prescribed tuition fee, if any, for participation of its students in the course work conducted at the Partner Institute

3.4 The ongoing exchange of faculty for lectures and research for short periods shall be further strengthened.

3.5 IITGN will continue interactions with the CIs of HBNI towards identifying and pursuing research programmes that could lead to award of degree from HBNI.

3.6 The issues related to Intellectual Property Rights (IP Rights) with regard to the outcome of the collaborative research and the outcome of thesis/project work carried out under the joint supervision of the faculty from the Partner Institutes shall be governed through mutual agreement and within the framework of IP Rights policies of both the institutes.

3.7 The incubation centres of IITGN and those of the CI/OCC of HBNI shall explore the possibility to conduct joint events, workshops, and hackathons for supporting and incubating young



start-ups. The respective incubation centres are encouraged to have specific MoUs with each other as needed. This shall open new opportunities where students of IITGN will get access to the advanced infrastructure, facilities and expertise of the CIs/OCC of HBNI and vice versa.

4. Implementation

4.1 This MoU becomes effective from the date it is signed by the Partner Institutes and will be valid for an initial period a period of **five years**. The agreement shall be extended by mutual written consent' In case one Partner Institute wishes to annul the MoU, written intent to that effect will have to be communicated by June of that particular year. The MoU in that event will cease to be operative from the end of the year i.e. from December 31 of the termination year. However, the commitments already made under this MoU before its lapse or termination will be fulfilled.

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

- From HBNI (i) Dean, HBNI
- From IITGN (ii) Dean Academic Affairs

Signed on 12th Day of September 2025

For and on behalf of

Homi Bhabha National Institute



Vice Chancellor, HBNI

Place: Gandhinagar

Seal

Witnessed by

Dr. TAPAS GANGULI

For and on behalf of IITGN

Indian Institute of Technology Gandhinagar



Director, IIT Gandhinagar

Place: Gandhinagar

Seal

Witnessed by

Dr. Vimal Mishra

