

MEMORANDUM OF UNDERSTANDING
BETWEEN
HOMI BHABHA NATIONAL INSTITUTE, INDIA
AND
GHEENT UNIVERSITY, BELGIUM

This MEMORANDUM OF UNDERSTANDING is hereby made BETWEEN **HOMI BHABHA NATIONAL INSTITUTE (HBNI)**, a deemed to be University under the aegis of the Department of Atomic Energy (DAE), Government of India, having registered office at Training School Complex, Anushakti Nagar, Mumbai-400094, India, hereinafter referred to as the 'HBNI' (which expression unless excluded by or repugnant to the subject shall mean and include its successor-in-office and assign) of the ONE PART

AND

GHEENT UNIVERSITY having its campus at Sint-Pietersnieuwstraat 25, B-9000, Ghent, Belgium, hereinafter referred to as Ghent University (which expression shall where the context so admit include its successors and permitted assigns) of the OTHER PART.

For the purpose of academic programmes, the following units of DAE in different parts of India are the Constituent Institutions (CIs) and Off Campus Centre (OCC) of HBNI:

Constituent Institutions:-

1. Bhabha Atomic Research Centre (BARC), Mumbai
2. Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam
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 for Plasma Research (IPR), Gandhinagar
7. Institute of Physics (IOP), Bhubaneswar
8. Harish-Chandra Research Institute (HRI), Allahabad
9. Tata Memorial Centre (TMC), Mumbai
10. The Institute of Mathematical Sciences (IMSc), Chennai

Off Campus Centre:-

1. National Institute of Science Education and Research (NISER), Bhubaneswar

RECOGNISING the long-standing collaboration and cooperation between Ghent University and some of the CIs & OCC 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 Ghent University and HBNI, collectively referred to as "Partner Institutes".

HEREBY agree to create a long-term institutional partnership in imparting education to the Ph.D. students according to the broad framework set forth in this Memorandum of Understanding (MoU).

1. OBJECTIVE

To enhance education of Ph.D. students in the areas of mutual interest, both in extent and scope, by using the medium of faculty and research students enrolled in the Partner Institutes.

2. MODALITIES OF CO-OPERATION

Co-Supervisor: A student registered under a supervisor for Ph.D. in one Partner Institute (hereinafter referred to as *Parent Institute*) after completion of the first year coursework (if applicable) may 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 institutes. The student may visit the Partner Institute for a certain period during his Ph.D. programme to work with the co-supervisor. During such visit, it is expected that the student shall have occasions to interact with other faculty members of the Partner Institute as well to get international exposure in his/her subject area.

3. FINANCE

HBNI shall not provide any financial support for visits of the Ph.D. student to the Partner Institute. However, the CIs/OCC and Ghent University may consider for extending financial support to cover the expenditure towards such visits by the student



subject to availability of funds. The supervisor and co-supervisor from the Partner Institutes may also explore the possibility of getting financial support for the students from external funding agencies. This will always depend on the availability of funds.

4. PUBLICATIONS AND CONFIDENTIALITY

Each Partner Institute may freely publish its own research outcomes, information and technology obtained by its PhD students. The Partner Institute that intends to publish such research outcomes will however refrain from publishing any confidential information owned or controlled by the other Partner Institute.

5. INTELLECTUAL PROPERTY/ PATIENTS

Partner Institutes shall exchange research outcomes obtained from the collaborative work of the PhD student, the supervisor and the co-supervisor, except for the technical information and knowledge that the Partner Institutes are prohibited from disclosing under an agreement with a third party.

The Intellectual Property Right (IPR) with regard to the outcomes of the Ph.D. thesis work of the student carried under the joint supervision of the faculty members from the Partner Institutes, as well as the details of the preparation, filing, prosecution and maintenance of Patent applications shall be governed within the framework of IPR policies of both the institutes. The parties shall endeavor on a best effort basis and in good faith to support each other in obtaining and maintaining Intellectual Property Right protection in and to the results from any Ph.D Research under their joint supervision.

6. HUMAN RIGHTS

The parties ensure that they shall respect human rights.

7. DURATION

This MoU shall become 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. Thereafter, it will be reviewed and can be amended or renewed as agreed by both parties.

8. TERMINATION



In the case one Partner Institute wishes to cancel/terminate the MoU, written intent to that effect will have to be communicated by the month of June of that year. The MoU in that event will cease to be operative from the end of the year, that is, from December 31 of the year in question. However, the commitments already made under this MoU before its lapse or termination will be fulfilled.

Each of the parties may terminate this agreement with immediate effect if the other party is involved in a serious violation of human rights.

9. MISCELLANEOUS

In case of any dispute arising out of this MoU to the Partner Institutes, it will be settled through a grievances handling mechanism by way of mutual discussions, respecting the legal requirements that hold in each country and institution.

10. CONTACT PERSONS

The following officials will be the contact persons from the Partner Institutes for implementation of this MoU:


- From HBNI (1) Dean, HBNI
(2) Dean Academic of the CI/OCC

- From Ghent University (1) Prof. Dr. Bart De Bruyn

Signed on day of 2019



For HBNI, India

Signature: 

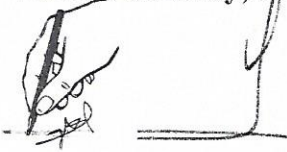
Name: Prof. P R Vasudeva Rao

Designation: Vice-Chancellor

Date: 31/10/2019

Place: Mumbai

For Ghent University, Belgium


Signature: _____

Name: Prof. Dr. Rik Van de Walle

Designation: Rector

Date: 16/10/2019

Place: Gent

