



Homi Bhabha National Institute

A Deemed to be University (u/s 3 of UGC Act, 1956) and a Grant-in-Aid institute of
Department of Atomic Energy, Govt. of India

2019



Homi Bhabha National Institute (HBNI)

- Established in 2005 as a Deemed-to-be University under section 3 of the UGC (University Grants Commission) act 1956.
- Recognised as a Grant-in-aid institution of Department of Atomic Energy in 2014.
- Accredited as Grade “A” institution by National Assessment and Accreditation Council (NAAC).
- Placed 17th among the Universities in India in NIRF 2019 ranking by Ministry of Human Resource Development, Govt. of India
- In 2019, HBNI was placed in the category of institutions accorded the highest level of autonomy by UGC, based on its NAAC ranking.
- The Nature Index 2019, brought out by the renowned Journal Nature, placed HBNI in the sixth position among Indian academic institutions with respect to publications in Nature group of Journals during 2019.
- State of art research infrastructure including mega research facilities.
- Challenging research programs.
- Internationally renowned research guides.
- All academic programs duly approved by statutory bodies.
- DAE Fellowships on par with UGC guidelines or higher.
- Foreign Travel Assistance to doctoral students for participation in International Conference, Symposia, Scientific meetings.

HBNI: Academically Integrating 11 Scientific Institutions under DAE



- **BARC:** Bhabha Atomic Research Centre,
- **IGCAR:** Indira Gandhi Centre for Atomic Research
- **RRCAT:** Raja Ramanna Centre for Advanced Technology
- **VECC:** Variable Energy Cyclotron Centre
- **SINP:** Saha Institute of Nuclear Physics
- **IPR:** Institute for Plasma Research
- **IoP:** Institute of Physics
- **HRI:** Harish-Chandra Research Institute
- **IMSc:** Institute of Mathematical Sciences
- **TMC:** Tata Memorial Centre
- **NISER:** National Institute of Science Education and Research

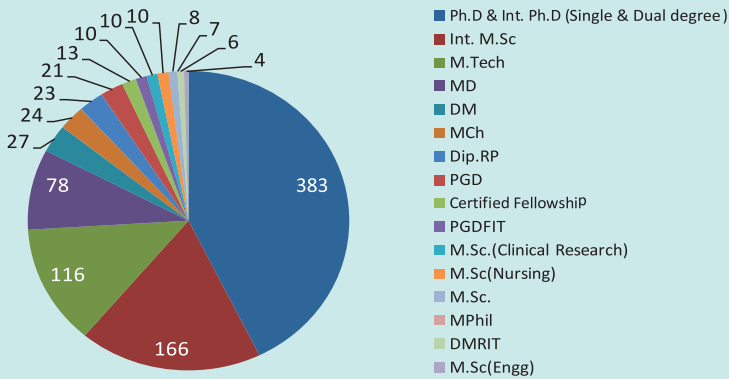
Academic Programmes

The HBNI offers a range of academic programs in chemical sciences, engineering sciences, health sciences, life sciences, mathematical sciences and physical sciences...

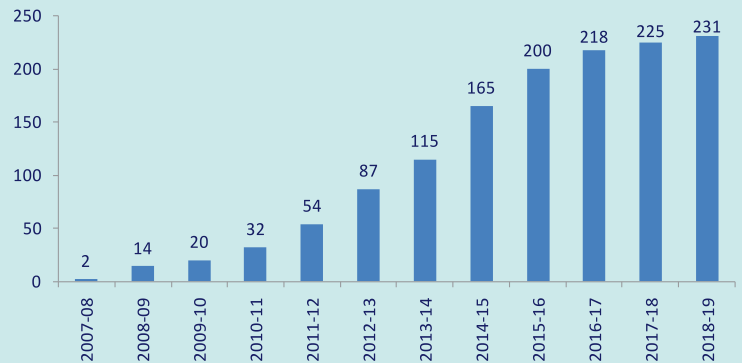
- ▶ **Ph.D. & Integrated Ph.D.**
- ▶ **M.Sc.** (Engineering Sciences)
- ▶ **M.Tech** (Engineering Sciences)
- ▶ **M.Phil.** Physical Sciences | Chemical Sciences | Life Science | Mathematical Sciences.
- ▶ **M.Sc.** (2Year) Physical Sciences | Nuclear medicine and molecular Imaging Technology | Hospital Radio pharmacy | Public Health in Epidemiology Occupational Therapy in oncology | Nursing | Clinical Research
- ▶ **Integrated M.Sc.** (5Year)
- ▶ **D.M.** Medical Oncology | Pediatric Oncology | Gastroenterology | Critical Care Medicine | Interventional Radiology
- ▶ **M.Ch.** Surgical Oncology | Gynecological Oncology | Plastic Surgery | Head & Neck Oncology
- ▶ Fellowship Programme in Oncology (2Year) post-MD
- ▶ **M.D.** Pathology | Anesthesia | Radio-diagnosis | Radiation Oncology | Microbiology | Nuclear Medicine | Palliative Medicine | Immuno-Hematology & Blood Transfusion
- ▶ **Dip.R.P.** Diploma in Radiological Physics
- ▶ **DMRIT** Diploma in Medical Radio Isotope Techniques
- ▶ **PGDFIT** PG Diploma in Fusion Imaging Technology

Our progress so far

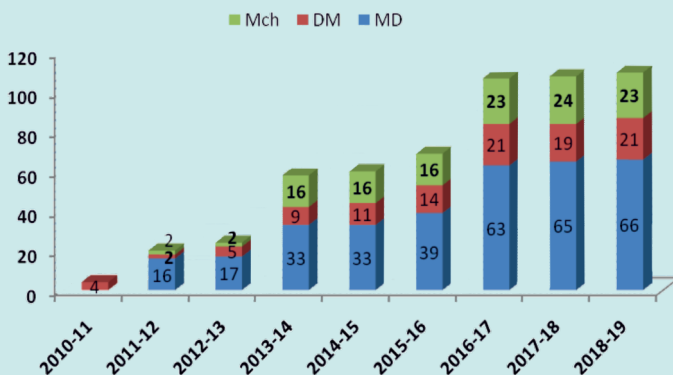
Programme wise admission details during 2018 (Total=906)



Year wise Ph.D results declared (Total=1363)



Year wise MD/DM/M Ch results declared



HBNI: A Unique Research University



270 Tflops High performance Computing facility at BARC

A femto second laboratory setup to study ultrafast reactions (BARC)



High resolution TEM for materials studies

Unique Research Infrastructure



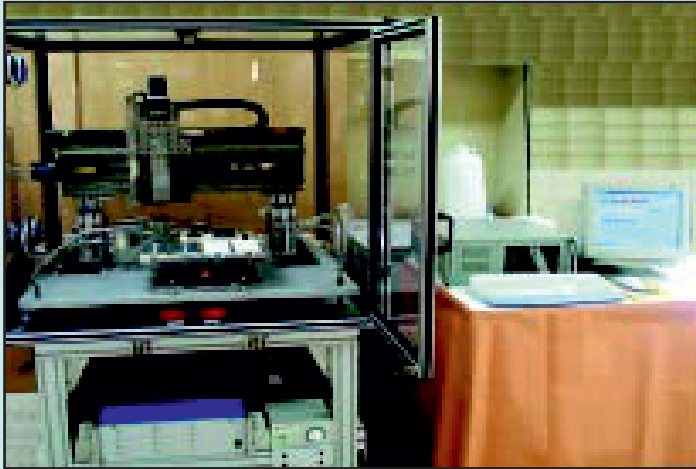
100 Tonne shake table for seismic studies, IGCAR



Indus accelerator with beamline RRCAT



Aditya Tokamak for fusion research, IPR



Device capable of arraying DNA fragments at defined addresses on solid surfaces (BARC)

Laboratory Animal Facility
TMC-(ACTREC)

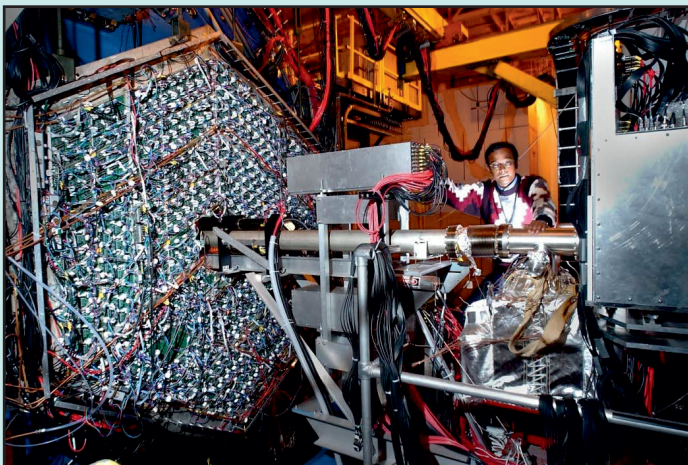


Laboratory Animal Facility
TMC-(ACTREC)



Magneto cardiography unit based on SQUID at IGCAR

Dhruva Reactor with neutron beamline (BARC)



Photon Multiplicity Detector for High Energy Physics experiments at RHIC facility of Brookhaven National Laboratory for STAR collaboration by VECC

Students can attend courses at eminent institutions with whom we have MoU and earn course credits; joint guidance and use of research facilities also possible

► **National Institutions**

- Indian Institute of Science, Bengaluru.
- Tata Institute of Fundamental Research, Mumbai
- Indian Institute of Technology, Madras, Chennai
- Indian Institute of Technology, Bombay, Mumbai
- Indian Institute of Technology, Kanpur
- Indian Institute of Technology, Kharagpur
- Institute of Chemical Technology, Mumbai
- Chennai Mathematical Institute, Chennai
- Jadavpur University, Kolkata
- Jawaharlal Nehru University, New Delhi
- Panjab University, Chandigarh

► **International Institutions/ Universities**

- The Commissariat a l'energie atomique et aux energies alternatives, France [INSTN/CEA, France]
- Ghent University, Belgium

The Organisation

KEY OFFICIALS

K.N. Vyas (Secretary, DAE)	Chairman, Council of Management
S.Banerjee	Chancellor
P.R.Vasudeva Rao	Vice Chancellor
P. D. Naik	Dean
B.K. Dutta	Institute Chair Professor
B.S.Tomar	Institute Chair Professor
D.K.Maity	Associate Dean
A.K.Dureja	Associate Dean
Saibal Basu	Associate Dean
B.Chandrasekar	Registrar



For any information, please contact us:

- ▶ **Vice Chancellor**
- ▶ **Dean**
- ▶ **General Queries**
- ▶ **Visit our webpage**

vcoff@hbni.ac.in
deanhbni@hbni.ac.in
registrar@hbni.ac.in
www.hbni.ac.in

HOMI BHABHA NATIONAL INSTITUTE

A Deemed to be University (u/s 3 of UGC Act) and a Grant-in-Aid institute of Department of Atomic Energy, Govt. of India

Training School Complex,

Anushaktinagar,

Mumbai 400 094

Ph: 022 25597621, 022 25597626