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Council of Management

Academic Ordinances



होमी भाभा राष्ट्रीय संस्थान

Homi Bhabha National Institute

(परमाणु ऊर्जा विभाग की एक सहायता प्राप्त संस्था और यूजीसी अधिनियम 1956 की धारा 3 के तहत विश्वविद्यालय माना जाता है)

(An aided institution of the Department of Atomic Energy and
a Deemed to be University under section 3 of the UGC Act, 1956)

Academic Ordinances



Homi Bhabha National Institute

Training School Complex

Anushaktinagar

Mumbai 400094

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Ordinances: General

1. Introduction

- 1.1 These ordinances shall come into force with effect from the date of approval by Council of Management (CoM).
- 1.2 The word 'HBNI' and the word 'Institute' refer to 'Homi Bhabha National Institute'.
- 1.3 The abbreviation 'CI' refers to any 'Constituent Institution' of the HBNI.
- 1.4 The abbreviation 'OCC' refers to 'Off Campus Centre' of the HBNI.
- 1.5 The abbreviation 'HEI' refers to 'Higher Educational Institute'.
- 1.6 The academic affairs of the Institute will primarily be conducted with the approval of its Academic Council. The constitution and functions of the Academic Council are as defined in the Memorandum of Association (MoA) and the Rules of the Institute.
- 1.7 The Academic Council shall ensure that every academic programme leading to the award of a degree/diploma as appropriate to the programme, conforms to the Ordinances and Codes of Practices of the Institute. Detailed procedures of an academic programme to be outlined in Codes of Practice and shall need approval of Academic Council (AC) of the Institute.

2. Academic Programmes

- 2.1 The Academic Programmes of the Institute shall be:
 - i. Doctor of Philosophy (Ph.D.),
 - ii. Integrated Doctor of Philosophy (IPh.D.) (Single Degree & Two Degree),
 - iii. Master of Technology (M.Tech.),
 - iv. Master of Science in Engineering by Research, (M.Sc. (Engg)),
 - v. Master of Science with various specializations,
 - vi. Masters in various specialized areas,
 - vii. Integrated M.Sc.,
 - viii. Post graduate and super-specialty degrees in medicine (M.D., D.M. and M.Ch.),
 - ix. Post Graduate Diploma in Nuclear Science and Engineering Disciplines (PGDSE),
 - x. Post M.Sc. Diploma in various specialized areas,
 - xi. Certified Fellowship in Oncology.

- 2.2 Each proposal for introduction of a new Academic Programme at any CI/OCC shall be examined by the Academic Council on the recommendation of the Board of Studies (BoS) of concerned discipline.
- 2.3 The curriculum of each programme or a change therein shall require approval of the Academic Council.

3. CI/OCC Level Authorities

- 3.1 Each CI/OCC shall designate one or more Dean (Academic) for interaction with Dean, HBNI. It is desirable that an individual who has been recognized by HBNI as a Professor is designated as Dean (Academic). The Directors of all the CI/OCC shall communicate the name of the Dean (Academic) at their Institution to central office and also keep informed whenever a new Dean (Academic) is appointed.
- 3.2 The Dean (Academic) of CI/OCC is responsible for ensuring that the academic programmes at the respective CI/OCC are conducted as per the ordinances.
- 3.3 Director of a CI/OCC will constitute discipline wise Standing Academic Committee and/or equivalent committee. The committee shall be responsible for the admission of the students to academic programmes by carrying out interview (wherever required), decide guides, co-guides (if any), course work, credit requirement and constitution of doctoral/ monitoring committees or any such committee involved in academic administration.

4. Admission

- 4.1 Director of a CI/OCC will constitute various academic committees with the faculty members of HBNI, viz., Screening Committees, Selection Committees, Standing Academic Committees (or its equivalent committees), or any such academic administrative committees as per requirements of academic programmes in the CI/OCC. In the following part of this document, all such committees are referred as 'Standing Academic Committee (SAC)'.
- 4.2 Selection of candidates for various academic programmes at a CI/OCC shall be as per the selection process formulated by the CI/OCC and approved by Academic Council of HBNI. For the academic programmes

administered directly by HBNI, the selection process shall be formulated by HBNI.

- 4.3 A student enrolled in one CI/OCC may attend a part of the course work or perform part of the research work in another CI/OCC or at any other Institute or University with which HBNI has signed a Memorandum of Understanding (MoU), or HBNI approved list of Institute or University for the purpose.
- 4.4 Student can have a guide and/or a co-guide from another CI/OCC. Recognized research supervisors from an Institute or University with which HBNI has signed a MoU can act as only as co-guides.
- 4.5 **Student Transfer:** Transfer of a student from one CI/OCC to another CI/OCC of HBNI in the same academic year under the same academic programme is permitted with the due approval of Directors of the concerned CI/OCC, following approved procedure of the Institute. Students from approved list of Institute or University for the purpose is also permitted.
- 4.6 **Academic Tenure:** Tenure of the academic programme refers to the period between the date of enrolment and the date of submission of thesis, wherever a thesis is the final product of the programme, or the date of the final examination. The period pertaining to approved academic leave/break will not be counted while calculating the academic tenure. However, for completing the academic programme, the maximum tenure for individual academic programme shall be as mentioned in the Codes of Practice of individual academic programme.

5. Academic Calendar

- 5.1 There shall be an academic calendar for HBNI with the approval of Academic Council. All CIs/OCC/Students shall follow the calendar. Enrolment is liable to be terminated, in case milestones in academic calendar, such as, completion of course work, OGCE, seeking extensions (if any), etc. are not met within the stipulated period.
- 5.2 In addition to this, there shall be a calendar for the academic processes in every CI/OCC of the Institute. The exact dates of important academic events shall be specified in the academic calendar.

6. Attendance

Minimum 75% attendance is required to be eligible to appear in the final examination for the subject during the course work, unless specified in the ordinance. Exemption may be granted in specific cases subject to approval of the competent authority.

7. Leave rules

During the course work, employee as well as non-employee students will be governed by the leave rules of the respective CI/OCC. The CI/OCC will update leave rules following the guidelines issued by statutory bodies and the department. Students absenting themselves beyond the permitted period during the academic period may face academic/ administrative penalty as decided by the competent authority of CI/OCC.

8. Declaration of results and issue of certificates

- 8.1 The semester wise mark sheet shall be issued by CI/OCC using the template approved by the Academic Council.
- 8.2 After successful completion of the academic programme by the student, Dean (Academic) shall forward all related documents to Dean HBNI, who will put up to the competent authority in HBNI for declaration of results. Subsequently, the Provisional Degree Certificate shall be issued by HBNI and transcript of marks will be issued by concerned CI/OCC as per the template approved by the Academic Council.

Document Type	Timeline	Issuing Authority	LOGO to be used	Signatories
Annual/ Semester marksheets	At the end of every semester or academic year	CI/OCC	CI/OCC	a) Head of Graduate School/Training School b) Dean (Academic) of CI/OCC
Transcript	After the declaration of results by Central Office	CI/OCC	HBNI	a) Dean (Academic) of CI/OCC b) Director/His Nominee at CI/OCC
Provisional Degree Certificate		Central Office, HBNI	HBNI	Dean, HBNI
Final Degree Certificate	After approval by Council of Management	Central Office, HBNI	HBNI	a) Chairman, AC b) Chairman, CoM

9. Code of Conduct

9.1. Each student shall conduct in a manner befitting one's association with CI/OCC. The student is expected not to indulge in any activity which is likely to bring down the prestige of the CI/OCC and HBNI. The student should also show due respect and courtesy to the teachers, administrators, officers and employees of the Institute, and good behaviour to fellow students. Due attention and courtesy are expected to be paid to visitors to the CI/OCC.

9.2. Lack of courtesy and decorum, unbecoming conduct (both within and out-side the CI/OCC), willful damage and/ or removal of CI/OCC's property or belongings of fellow students, disturbing others in their studies, adoption of unfair means during examinations, breach of rules and regulations of the CI/OCC, noisy and unseemly behaviour and similar other undesirable activities shall constitute violation of the Code of Conduct for students. In such cases, disciplinary action may be initiated as deemed appropriate by the highest academic authority of the CI/OCC.

9.3. Ragging in any form is strictly prohibited and is considered a serious offense.

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Ordinances: Doctor of Philosophy (Ph.D.) Program

PHDOR-1: General

- a. These ordinances deal with the conduct of the Ph.D. programs in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: Ph.D.' to implement the ordinances towards conduct of the academic programs. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students and faculty.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

PHDOR-2: Eligibility

- a. Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Doctor of Philosophy under the provisions of the present ordinances.
- b. In case the candidate is an employee of an organization, one of the following additional conditions needs to be fulfilled.
 - i. An employee of Department of Atomic Energy or any other organization with which DAE has academic agreement may seek registration to Ph.D. program by obtaining approval of the competent authority of the concerned organization.
 - ii. An employee of any organization other than those mentioned above may also seek registration to Ph.D. program. In such case, employer of the candidate needs to permit the candidate to join the program following Academic Codes of Practice.
- c. A foreign citizen will be considered for the registration to Ph.D. program under the provisions of the present ordinances, subject to necessary approvals by the Government.

PHDOR-3: Admission Process and Monitoring

- a. An applicant will be considered for registration to the Ph.D. program on making an application in the prescribed form, provided applicant meets entry level qualifications with recommended passing marks, and also qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The institute or its constituent units or off campus center shall constitute necessary committee to select the student and prescribe coursework to be met by the student

towards qualifying for the Ph.D. degree. The committee shall also approve research topic of the student and allot research supervisor(s).

- c. Research supervisor(s) for the student shall be a faculty duly recognized by the Academic Council.
- d. The progress of every doctoral student during the entire program shall be monitored by a doctoral committee constituted for this purpose.

PHDOR-4: Conduct of Program

- a. The student shall earn required credits through course work (project work may be included) as approved by the Academic Council and successfully pass Oral General Comprehensive Examination.
- b. The student shall carry out research work at the Institute under the guidance of the supervisor(s) and the work shall be published in approved peer reviewed journals. The minimum number of publications shall be as specified by the Academic Council.
- c. The submission period of the thesis and any further extensions will be as prescribed by the Academic Codes of Practice.
- d. The thesis submitted by the student shall be reviewed by a minimum of two external reviewers. If both the reviewers recommend for acceptance of the thesis, the student shall be examined by a Viva Voce board constituted for this purpose. The positive recommendation of the Viva Voce board is a requirement for the award of the Ph.D. degree by the Institute. Overall, the examination process will ensure that the thesis submitted by the student meets the contemporary standards of academic rigor of the domain of research.

PHDOR-5: Final Certificates

- a. Subject to meeting the conditions under PHDOR-4, the Degree of Doctor of Philosophy may be conferred on the student.
- b. Every student will be issued following documents on successful completion of the Ph.D. program.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

PHDOR-6:

The degree of Doctor of Philosophy by HBNI shall not be conferred as an ad eundem degree.

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Ordinances: Integrated Ph.D. Programme

IPHDOR-1: General

- a. These ordinances deal with the conduct of the Integrated Ph.D. programs (single / two degree) in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: Integrated Ph.D.' to implement the ordinances towards conduct of the academic programs. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students and faculty.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

IPHDOR-2: Eligibility

- a. Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Integrated Doctor of Philosophy under the provisions of the present ordinances.
- b. In case the candidate is an employee, one of the following additional conditions needs to be fulfilled.
 - i. An employee of Department of Atomic Energy or any other organization with which DAE has academic agreement may seek registration to Integrated Ph.D. program by obtaining approval of the competent authority of the concerned organization.
 - ii. An employee of any organization other than those mentioned above may also seek registration to Integrated Ph.D. program. In such case, employer of the candidate needs to permit the candidate to join the program following Academic Codes of Practice.

IPHDOR-3: Admission Process and Monitoring

- a. An applicant will be considered for registration to the Integrated Ph.D. (IPhD) program (single / two degree) on making an application in the prescribed form, provided applicant meets entry level qualifications with recommended passing marks, and also qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The institute or its constituent units or off campus center shall constitute necessary committee to select the student and prescribe coursework to be met by the student towards qualifying for the Integrated Ph.D. degree. The committee shall also approve research topic of the student and allot research supervisor(s).
- c. Research supervisor(s) for the student shall be a faculty duly recognized by the Academic Council.

- d. The progress of every student during the entire program shall be monitored by an appropriate committee constituted for this purpose.

IPHDOR-4: Conduct of Program

- a. Integrated Ph.D. program is of two types, viz., Single-Degree and Two-Degrees.
- b. Standing Academic Committee or equivalent committee will identify course work to be carried out to meet credit requirements for the admitted candidates.
- c. A candidate shall appear for an Oral General Comprehensive Examination (OGCE) to be conducted by the Monitoring/Doctoral Committee after the successful completion of credit requirements in case of single-degree option or after acquiring Master's degree in case of two-degree option. Upon successful completion of OGCE, the Monitoring/Doctoral Committee shall permit the candidate to pursue research programs and the work shall be published in approved peer reviewed journals for award of Ph.D. degree. The minimum number of publications shall be as specified by the Academic Council.
- d. The submission period of the thesis and any further extensions will be as prescribed in the Academic Codes of Practice.
- e. The doctoral thesis submitted by the student shall be reviewed by a minimum of two reviewers. If both the reviewers recommend for acceptance of the thesis, the student shall be examined by a Viva Voce board constituted for this purpose. The positive recommendation of the Viva Voce board is a requirement for the award of the Ph.D. degree.

IPHDOR-5: Final Certificates

- a. Subject to meeting the conditions under IPHDOR-4, the Master's degree and the Degree of Doctor of Philosophy may be conferred on the student at the appropriate time.
- b. Every student will be issued following documents on successful completion of the Integrated Ph.D. program.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

IPHDOR-6:

The degree of Doctor of Philosophy by HBNI shall not be conferred as an ad eundem degree.

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Ordinances: Doctor of Medicine (D.M.) and Master of Chirurgiae (M.Ch.)

HBNI offers post graduate super specialty courses D.M. and M.Ch. in subjects primarily related to oncology as approved by National Medical Commission (NMC). These courses are recognized by NMC. In this ordinance, the term 'Department' shall refer to a unit in the CI/OCC specializing in a particular branch of Medical and Health Sciences.

The present ordinance describes some of the important academic regulations of this program. If some academic aspects are not covered in these ordinances, the latest NMC regulations shall be followed. In addition, if the revision of NMC regulations leads to any variance with the present ordinances, regulations of NMC shall prevail.

DMMCHOR-1: General

- a. These ordinances deal with the conduct of D.M./M.Ch. programme in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice D.M./M.Ch.' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

DMMCHOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of D.M./M.Ch. under the provisions of the present ordinances.

DMMCHOR-3: Admission Process and Monitoring

- a. Minimum qualification for admission to the D.M./M.Ch. programme in various specializations shall be M.D./M.S. or equivalent degree viz. DNB or equivalent degree from a University recognized by the National Medical Commission. Minimum percentage of marks/ percentile as stipulated by Statutory Authorities shall be followed. Number of seats in various specialties shall be as approved by the National Medical Commission.
- b. The selection of candidates for admission to D.M./M.Ch. programme in a CI/OCC shall be through a selection process (at present through All India NEET, conducted by National Board of Examinations, NBE) in accordance with the applicable guidelines of the of the Statutory Authorities.

DMMCHOR-4: Conduct of the programme

- a. Normal duration of this programme shall be three academic years.
- b. The programme shall consist of (i) theory courses, clinical practices, practical training in advanced diagnostics, therapeutic and laboratory techniques relevant to the subject of specialization, and (ii) research work to be carried out under the supervision of a guide leading to a thesis. The curriculum shall be approved by the Academic Council on the recommendation of the Board of Studies in Medical and Health Sciences following NMC guidelines.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. University examinations will be conducted two times in a year.

DMMCHOR-5: Final Certificates

- a. Subject to meeting the conditions under DMMCHOR-4, the Degree of D.M./M.Ch. shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the D.M./M.Ch. Programme:
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.

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Ordinances: Doctor of Medicine (M.D.)

HBNI offers post graduate M.D. programme in several broad specialties primarily related to oncology and allied subjects as approved by National Medical Commission (NMC). In this ordinance, the term 'Department' shall refer to a unit in the CI specializing in a particular branch of Medical and Health sciences.

The present ordinance describes some of the important academic regulations of this program. If some academic aspects are not covered in these ordinances, the latest NMC regulations shall be followed. In addition, if the revision of NMC regulations leads to any variance with the present ordinances, regulations of NMC shall prevail.

MDOR-1: General

- a. These ordinances deal with the conduct of the M.D. programme in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.D.' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MDOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of MD under the provisions of the present ordinances.

MDOR-3: Admission Process and Monitoring

- a. Minimum qualification for admission to the M.D. programme in various specializations shall be M.B.B.S. or equivalent degree from a University recognized by the National Medical Commission. Minimum percentage of marks/percentile as stipulated by Statutory Authorities shall be followed. Number of seats in various specialties shall be as approved by the National Medical Commission.
- b. The selection of candidates for admission to M.D. programme in a CI/OCC shall be through a selection process (at present through All India NEET, conducted by National Board of Examinations, NBE) in accordance with the applicable guidelines of the Statutory Authorities.

MDOR-4: Conduct of the programme

- a. Normal duration of this programme shall be three academic years.
- b. The programme shall consist of (i) theory courses, clinical practices, practical training in advanced diagnostics, therapeutic and laboratory techniques relevant to the subject of specialization, and (ii) research work to be carried out under the supervision of a guide leading to a thesis. The curriculum shall be approved by the Academic Council on the recommendation of the Board of Studies in Medical and Health Sciences following NMC guidelines.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. University examinations will be conducted two times in a year.

MDOR-5: Final Certificate

- a. Subject to meeting the conditions under MDOR-4, the Degree of MD shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.D. Programme:
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of result by Council of Management, to be issued by Central Office of HBNI.

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Ordinances: M.Sc. (Engg)

M.Sc. (Engg) programme is designed to educate students in both theoretical and experimental aspects of Engineering Science disciplines. The primary aim of this programme is to provide necessary education and a platform that will groom them to pursue a professional career (research / practice). This program is under the purview of the Board of Studies in Engineering Sciences.

MSCEOR-1: General

- a. These ordinances deal with the conduct of the M.Sc. (Engg) programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc.(Engg)' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCEOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Master of Science (Engg) under the provisions of the present ordinances.

MSCEOR-3: Admission Process

- a. An applicant will be considered for registration to the M.Sc.(Engg) programme on making an application in the prescribed form, provided applicant meets entry level qualifications with recommended passing marks, and also qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The institute or its constituent units will select the student who met the qualifying criteria for admission to the M.Sc.(Engg) programme. The selection procedure shall have the approval of the Academic Council.
- c. Research supervisor for the student shall be a faculty duly recognized by the Academic Council.

MSCEOR-4: Conduct of the programme

- a. This two-and-half year programme will have course works (theory and laboratory) of one year and research work of one and half year.
- b. The credit requirements and syllabi for the course works shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The student shall carry out research work at the Institute under the guidance of the supervisor.
- d. The submission period of the thesis and any further extensions will be as prescribed by the Academic Codes of Practice.
- e. The conduct of the programme and progress of the student during the entire programme shall be monitored by M.Sc.(Engg) Monitoring Committee constituted by Director of CI or OCC.
- f. The thesis submitted by the student shall be reviewed by a reviewer. If the reviewer recommends for acceptance of the thesis, the student shall be examined by a Viva Voce board constituted for this purpose. The positive recommendation of the Viva Voce board is a requirement for the award of the M.Sc.(Engg) degree by the Institute. Overall, the examination process will ensure that the dissertation submitted by the student meets the contemporary standards of academic rigor of the project work. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCEOR-5: Final Certificates

- a. Subject to meeting the conditions under MSCEOR-4, the Degree of Master of Science (Engg) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Institute Central Office.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Institute Central Office.
 - iii. 'Transcript of Marks' to be issued by Constituent Institution.

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Ordinances: M.Tech.

M.Tech. programme is designed to educate students in both theoretical and experimental aspects of Engineering Science disciplines. The primary aim of this programme is to provide necessary education and a platform that will groom them to pursue a professional career (research / practice).

MTEOR-1: General

- a. These ordinances deal with the conduct of the M.Tech. programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Tech.' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MTEOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Master of Science under the provisions of the present ordinances.

MTEOR-3: Admission Process

- a. An applicant will be considered for registration to the M.Tech. programme on making an application in the prescribed form, provided applicant meets entry level qualifications with recommended passing marks, and also qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The institute or its constituent units will select the student who met the qualifying criteria for admission to the M.Tech. programme. The selection procedure shall have the approval of the Academic Council.
- c. Research supervisor for the student shall be a faculty/ M.Tech. Guide duly recognized by the Academic Council.

MTEOR-4: Conduct of the programme

- a. This two year programme will have course works (theory and laboratory) of one year and project work of one year.

- b. The credit requirements and syllabi for the course works shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The student shall carry out research work at the Institute under the guidance of the M.Tech. Guide.
- d. The submission period of the thesis and any further extensions will be as prescribed by the Academic Codes of Practice.
- e. The conduct of the programme and progress of the student during the entire programme shall be monitored by M.Tech. Monitoring Committee constituted by Director of CI or OCC.
- f. The thesis submitted by the student shall be reviewed by a reviewer. If the reviewer recommends for acceptance of the thesis, the student shall be examined by a Viva Voce board constituted for this purpose. The positive recommendation of the Viva Voce board is a requirement for the award of the M.Tech. degree by the Institute. Overall, the examination process will ensure that the dissertation submitted by the student meets the contemporary standards of academic rigor of the project work. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MTEOR-5: Final Certificate

- a. Subject to meeting the conditions under MTEOR-4, the Degree of Master of Technology (M.Tech.) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Tech. programme:
 - (i). 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Institute Central Office.
 - (ii). 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Institute Central Office.
 - (iii). 'Transcript of Marks' to be issued by the Constituent Institution.

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Ordinances: Master of Science (M.Sc.)

The two-year M.Sc. programme is designed to educate students in both theoretical and experimental sciences in various disciplines. The primary aim of this programme is to provide necessary education and a platform that will groom them to pursue a professional career (research / practice).

MSCOR-1: General

- a. These ordinances deal with the conduct of the M.Sc. programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc.' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Master of Science under the provisions of the present ordinances.

MSCOR-3: Admission Process

- a. An applicant will be considered for registration to the M.Sc. programme on making an application in the prescribed form, provided applicant meets entry level qualifications with recommended passing marks, and also qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The institute or its constituent units or off campus center select the student who met the qualifying criteria for admission to the M.Sc. programme. The selection procedure shall have the approval of the Academic Council.

MSCOR-4: Conduct of the programme

- a. This two-year programme will have four semesters. The programme includes theory courses, laboratory courses, electives and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire

programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.

- d. A grade point average system shall be implemented for the M.Sc. programme and will summarize the performance of the student at the end of any semester. The students will be evaluated following a continuous evaluation process. The CI/OCC can decide the marks required to qualify for a degree with the approval of Academic Council.

If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCOR-5: Final Certificates

- a. Subject to meeting the conditions under MSCOR-4, the Degree of Master of Science shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Institute Central Office.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Institute Central Office.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

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Ordinances: 5-year Integrated M.Sc. (IMSc)

IMSCOR-1: General

- a. These ordinances deal with the conduct of the 5-year Integrated M.Sc. programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: Integrated M.Sc.' to implement the ordinances towards conduct of the academic programs. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students and faculty.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.
- d. The academic programs governed by the Ordinance 5-year Integrated M.Sc. (IMSc) programme are:
 - Integrated M.Sc. in Chemical Sciences (CHEM13)
 - Integrated M.Sc. in Life Sciences (LIFE13)
 - Integrated M.Sc. in Mathematical Sciences (MATH13)
 - Integrated M.Sc. in Physical Sciences (PHYS13)

IMSCOR-2: Eligibility

- a. Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to Integrated MSc programme under the provisions of the present ordinances.
- b. Minimum qualification for admission to the Integrated M.Sc. (5-year) program shall be 10 + 2 years of schooling or equivalent from any recognized board in India. Age limit and reservation policy may be specified by the CI/OCC based on applicable orders of the Statutory Authorities.
- c. Minimum percentage of marks in 10 + 2 to get admitted into the program is 60% for general category and 55% for SC/ST/PD category in aggregate (or equivalent grade). The percentage may be revised by CI/OCC with the approval of Academic Council, HBNI. Students who have passed 10 + 2 examination in the last two years or appearing in the current year are eligible for admission.

IMSCOR-3: Admission Process

- a. Admission shall be through a national level screening test conducted by the CI/OCC or any national level test recognized by the CI/OCC for this purpose, with the approval of Academic Council, HBNI. Students should have studied

science subjects preferably, Physics, Chemistry, Mathematics, Biology at 10 + 2 level.

- b. Director of a CI/OCC will constitute SAC or equivalent academic committees with the faculty members of HBNI, viz., examination conducting committees, question paper setting committees, admission committees etc.
- c. Selection of candidates for various academic programmes at a CI/OCC shall be as per the selection process formulated by the CI/OCC and approved by Academic Council of HBNI.
- d. Based on the recommendations of the SAC of the CI/OCC, students will be enrolled in the Institute. For this purpose, students shall send enrolment forms to central office with all the mandatory enclosures through Dean- Academic of the CI/OCC.
- e. It is possible to transfer student of one CI/OCC to another CI/OCC of HBNI in the same year of academic program. Credit earned during the previous enrolment can be transferred provided courses are done in an Institute or University with which HBNI has an agreement of cooperation.

IMSCOR-4: Conduct of Program

- a. The curriculum for the first two semesters (first year) is common to all students and science stream specialization begins from the third semester.
- b. The program at CI/OCC follows credit-based semester system. Hence till the completion of the program each student must select and register for the courses at the beginning of every semester on the prescribed dates prior announced in the Academic Calendar. It is emphasized that the sole responsibility of registration lies with the student. Failing to register for the courses, the studentship is liable to be cancelled. However, late registration may be permitted by the Dean Academic, only for valid reasons, on payment of a late registration fee. The detailed roadmap for implementation of the registration process will be undertaken by the respective CI/OCC.
- c. The program fosters interdisciplinary curriculum wherein students after entering a science stream specialization in the second year, are required to go through a certain number of courses in other disciplines. Students can opt for a minor in any one other stream apart from their stream of specialization.
- d. The program provides a holistic education wherein the students apart are required to go through certain core and elective courses from the School of Humanities and Social Sciences.
- e. The fourth and fifth years of the integrated M.Sc. Program are devoted to advanced courses in various disciplines.

- f. An important component of the Integrated M.Sc. program includes students undertaking a guided research project across fourth year. The outcome of the investigation will be reported in the form of a dissertation thesis.
- g. Throughout the five-year program, students will be encouraged to take up summer projects and visit reputed national, international laboratories and universities.
- h. After successful completion of the academic requirements, students are awarded a Master of Science degree in any one of the subjects.
- i. The maximum period allowed for completing the course is seven years.
- j. In case of underperformance, student may be terminated from the program following the policy of the CI/OCC as approved by the Academic Council, HBNI.

IMSCOR-5: Final Certificates

- a. The examination result of all the candidates shall be communicated to the Dean HBNI through Dean-Academic of the CI/OCC for the award of degree to the successful candidates.
- b. On successful completion of the academic program requirements, the student shall be awarded 5-year Integrated M.Sc. degree in concerned discipline by HBNI.
- c. 'Transcript of Marks' will be issued to the students by the constituent Institution/ Off Campus Centre in the HBNI approved format.

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Ordinances: M.Sc. (Clinical Research)

Clinical research is a branch of healthcare science that pertains to the safety and efficacy of medications, treatment regimens, diagnostic tests and medical devices intended for human use. Post graduate M.Sc. (Clinical Research) degree in Clinical Research has a goal to build capacity for quality research by equipping researchers with classroom and practical teaching in the principles of good clinical research practice, regulations and guidelines.

MSCCROR-1: General

- a. These ordinances deal with the conduct of the M.Sc. (Clinical Research) programme in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc. (Clinical Research)' to implement the ordinances towards conduct of the academic programme. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCCROR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of M.Sc. (Clinical Research) under the provisions of the present ordinances.

MSCCROR-3: Admission Process

- a. An applicant will be considered for registration to the M.Sc. (Clinical Research) programme, provided applicant meets entry level qualifications with recommended passing marks, and qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The selection procedure shall have the approval of the Academic Council.

MSCCROR-4: Conduct of the programme

- a. This two-year programme will have four semesters. The programme includes theory courses, laboratory courses, electives and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or

equivalent committee constituted by Director of CI or OCC.

- d. A grade point average system shall be implemented for the M.Sc. programme and will summarize the performance of the student at the end of any semester.
- e. The students will be evaluated following a continuous evaluation process. The CI/OCC can decide the marks required to qualify for a degree with the approval of Academic Council.
- f. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCCROR-5: Final Certificates

- a. Subject to meeting the conditions under MSCCROR-4, the Degree of Master of Science (Clinical Research) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. (Clinical Research) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

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Ordinances: Master of Science Nursing (Oncology)

M.Sc. Nursing (Oncology) is a two-year academic program, which is recognized by Indian Nursing Council (INC) and concerned statutory body of the State Government. This course deals with specialization in Nursing (Oncology).

MSCNOR-1: General

- a. These ordinances deal with the conduct of the M.Sc. Nursing (Oncology) programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc. Nursing (Oncology)' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCNOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of M.Sc. Nursing (Oncology) under the provisions of the present ordinances.

MSCNOR-3: Admission Process and Monitoring

- a. An applicant will be considered for registration to the M.Sc. Nursing (Oncology) programme, provided applicant meets entry level qualifications with recommended passing marks, and qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The selection procedure shall have the approval of the Academic Council.

MSCNOR-4: Conduct of the programme

- a. This two-year programme will have four semesters. The programme includes theory courses, laboratory courses, electives and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee

- (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. A grade point average system shall be implemented for the M.Sc. programme and will summarize the performance of the student at the end of any semester.
 - e. The students will be evaluated following a continuous evaluation process. The CI/OCC can decide the marks required to qualify for a degree with the approval of Academic Council.
 - f. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCNOR-5: Final Certificates

- a. Subject to meeting the conditions under MSCNOR-4, the Degree of Master of Science (Nursing) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. (Nursing) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

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Ordinances: M.Sc. (Hospital Radiopharmacy)

The two-year M.Sc.(Hospital Radiopharmacy) programme is designed to equip candidates for working as Radiopharmacist / Faculty at Nuclear Medicine Centres and Medical Cyclotron facilities. Post graduate M.Sc. (Hospital Radiopharmacy) degree has a goal to build capacity for quality research by equipping researchers with classroom and practical teaching in the principles of good research practice, regulations and guidelines for hospital radiopharmacy.

MSCHROR-1: General

- a. These ordinances deal with the conduct of the M.Sc. (Hospital Radiopharmacy) programme in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc. (Hospital Radiopharmacy)' to implement the ordinances towards conduct of the academic programme. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCHROR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Master of Science (Hospital Radiopharmacy) under the provisions of the present ordinances.

MSCHROR-3: Admission Process

- a. An applicant will be considered for registration to the M.Sc. (Hospital Radiopharmacy) programme provided applicant meets entry level qualifications with recommended passing marks, and qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The selection procedure shall have the approval of the Academic Council.

MSCHROR-4: Conduct of the programme

- a. This two-year programme will have four semesters. The programme includes theory courses, laboratory courses, electives and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.

- d. A grade point average system shall be implemented for the M.Sc. programme and will summarize the performance of the student at the end of any semester.
- e. The students will be evaluated following a continuous evaluation process. The CI/OCC can decide the marks required to qualify for a degree with the approval of Academic Council.
- f. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCHROR-5: Final Certificates

- a. Subject to meeting the conditions under MSCHROR-4, the Degree of Master of Science (Hospital Radiopharmacy) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. (Hospital Radiopharmacy) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

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Ordinances: M.Sc. (Nuclear Medicine & Molecular Imaging Technology)

This course equips candidates for working as Nuclear Medicine Technologists / Physicists in Nuclear Medicine Centres in India. Students who successfully complete this course are also eligible to appear for Radiological Safety Officer examination conducted by the Atomic Energy Regulatory Board (AERB) to serve in medical, industrial and research institutions.

MSCNMMITOR-1: General

- a. These ordinances deal with the conduct of the M.Sc. (Nuclear Medicine & Molecular Imaging Technology) programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc. (Nuclear Medicine & Molecular Imaging Technology)' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCNMMITOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of M.Sc. (Nuclear Medicine & Molecular Imaging Technology) under the provisions of the present ordinances.

MSCNMMITOR-3: Admission Process

- a. An applicant will be considered for registration to the M.Sc. (Nuclear Medicine & Molecular Imaging Technology) programme, provided applicant meets entry level qualifications with recommended passing marks, and qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The selection procedure shall have the approval of the Academic Council.

MSCNMMITOR-4: Conduct of the programme

- a. This two-year programme will include theory courses, laboratory courses and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.

- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. The students will be evaluated following a continuous evaluation process. Minimum passing mark is 50% in each subject and 50% in aggregate.
- e. In case of failure, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCNMMITOR-5: Final Certificates

- a. Subject to meeting the conditions under MSCNMMITOR-4, the Degree of Master of Science (Nuclear Medicine & Molecular Imaging Technology) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. (Nuclear Medicine & Molecular Imaging Technology) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by HBNI Central Office.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by HBNI Central Office.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or Off Campus Centre, as the case may be.

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Ordinances: M.Sc. (Medical and Radiological Physics)

M.Sc. (Medical and Radiological Physics) is a two-year academic program. It has a goal to build capacity for quality research by equipping researchers with classroom and practical teaching in the principles of good Medical and Radiological Physics research practice, regulations and guidelines.

MSCMRPOR-1: General

- a. These ordinances deal with the conduct of the M.Sc. (Medical and Radiological Physics) programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: M.Sc. (Medical and Radiological Physics)' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCMRPOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of M.Sc. (Medical and Radiological Physics) under the provisions of the present ordinances.

MSCMRPOR-3: Admission Process and Monitoring

- a. An applicant will be considered for registration to the M.Sc. (Medical and Radiological Physics) programme, provided applicant meets entry level qualifications with recommended passing marks, and qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The selection procedure shall have the approval of the Academic Council.

MSCMRPOR-4: Conduct of the programme

- a. This two-year programme will have four semesters. The programme includes theory courses, laboratory courses, electives and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee

(SAC) or equivalent committee constituted by Director of CI or OCC.

- d. A grade point average system shall be implemented for the M.Sc. programme and will summarize the performance of the student at the end of any semester.
- e. The students will be evaluated following a continuous evaluation process. The CI/OCC can decide the marks required to qualify for a degree with the approval of Academic Council.
- f. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCMRPOR-5: Final Certificates

- a. Subject to meeting the conditions under MSCMRPOR-4, the Degree of Master of Science (Medical and Radiological Physics) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. (Medical and Radiological Physics) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by constituent Institution or off-campus-center, as the case may be.

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Ordinances: M.Sc. (Public Health and Epidemiology)

The two year M.Sc. (Public Health and Epidemiology) programme is designed to educate students in both theoretical knowledge and practical work. The practical work will also include visits to field and in community to understand Public Health Problem. The main objective of the programme is to generate skilled workforce which could implement various Public Health Programme including Cancer Registries, screening programme, create awareness regarding risk factors for noncommunicable diseases and undertake counselling for tobacco cessation/alcohol deaddiction etc.

MSCPHEOR-1: General

- a. These ordinances deal with the conduct of the M.Sc. (Public Health and Epidemiology) programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice M.Sc. (Public Health and Epidemiology)' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MSCPHEOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of M.Sc. (Public Health and Epidemiology) under the provisions of the present ordinances.

MSCPHEOR-3: Admission Process and Monitoring

- a. Candidate with Bachelor degree in Science / Social Science / Social work / Biological Sciences (Biochemistry / Zoology / Microbiology Biotechnology / Life Sciences / Biosciences / Genetics) from any Indian University/Institute recognized by the UGC. Students with some experience of field work/conducting community activities during graduate course will be given preference.
- b. Candidates with some experience of field work/conducting community activities during graduate course will be given preference.
- c. The Candidates will be selected from the Entrance test followed by the interview. The selection procedure shall have the approval of the Academic Council.

MSCPHEOR-4: Conduct of the programme

- a. This two-year programme will have four semesters. The programme includes theory courses, laboratory courses, electives and project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. A grade point average system shall be implemented for the M.Sc. programme and will summarize the performance of the student at the end of any semester.
- e. The students will be evaluated following a continuous evaluation process. The CI/OCC can decide the marks required to qualify for a degree with the approval of Academic Council.
- f. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

MSCPHECOR-5: Final Certificates

- a. Subject to meeting the conditions under MSCPHEOR-4, the Degree of Master of Science (Public Health and Epidemiology) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the M.Sc. (Public Health and Epidemiology) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by Central Office of HBNI.
 - iii. 'Transcript of Marks' to be issued by Constituent Institution or Off-Campus-Centre, as the case may be.

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Ordinances: Master of Occupational Therapy in Oncology (MOT Oncology)

Master of Occupational Therapy in Oncology (MOT Oncology) is a two-year academic programme. This Occupational Therapy course deals with specialization in Oncology. This programme will be under the purview of “All India Occupational Therapists’ Association” and “Occupational Therapy and Physiotherapy Council” of the respective state.

MOTOR-1: General

- a. These ordinances deal with the conduct of the Master of Occupational Therapy in Oncology (MOT Oncology) programmes in Homi Bhabha National Institute.
- b. The institute shall frame ‘Academic Codes of Practice Master of Occupational Therapy in Oncology (MOT Oncology)’ to implement the ordinances towards conduct of the academic programmes. The ‘Academic Codes of Practice’ shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

MOTOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of Master of Occupational Therapy in Oncology (MOT Oncology) under the provisions of the present ordinances.

MOTOR-3: Admission Process and Monitoring

- a. Candidate with a bachelor’s degree in Occupational Therapy (BOT/ BOTH) are eligible for the admission process. The bachelor’s degree programme should be a full time programme, with minimum 4 ½ years duration (including 6 months of internship) from a university/institute in India that is recognized by UGC and/or “All India Occupational Therapists’ Association” and/or the Occupational Therapy and Physiotherapy Council of the respective state, with not less than 50% of marks in aggregate. Candidates who have passed BOT through correspondence or Distance Education program are not eligible.
- b. The Candidates will be selected from an entrance test conducted by the CI/OCC followed by an interview. The selection procedure shall have the approval of the Academic Council.

MOTOR-4: Conduct of the programme

- a. This two-year programme will include course work and a project work.
- b. The syllabus for the coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.

- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI/OCC.
- d. The students will be evaluated following a continuous evaluation process. Minimum passing mark is 50% in each subject and 50% in aggregate.
- e. In case of failure, the student will appear in re-examination as prescribed by the Academic Codes of Practice.
- f. A student enrolled for MOT Oncology has to carry out dissertation work as a part of academic curriculum.

MOTOR-5: Final Certificates

- a. Subject to meeting the conditions under MOTOR-4, the degree of Master of Occupational Therapy in Oncology (MOT Oncology) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the Master of Occupational Therapy in Oncology (MOT Oncology) programme.
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by central office of HBNI.
 - ii. 'Final degree certificate' after the ratification of results by Council of Management, to be issued by central office of HBNI.
 - iii. 'Transcript of Marks' to be issued by Dean Academic of the CI/OCC.

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Ordinances: Post Graduate Diploma in Nuclear Science and Engineering (PGDNSE)

HBNI offers Post Graduate Diploma in Nuclear Sciences and Engineering (PGDNSE) to those who undergo one year courses offered by BARC Training School and meet minimum requirements. The aim of this academic programme is to provide necessary education and orient the students to take up challenging problems faced by Nuclear Industry.

PGDNSEOR-1: General

- a. These ordinances deal with the conduct of the PGDNSE programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: PGDNSE' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council and are mandatory and apply to all students.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

PGDNSEOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for Post Graduate Diploma in Nuclear Science and Engineering under the provisions of the present ordinances.

PGDNSEOR-3: Admission Process

- a. An applicant will be considered for registration to the PGDNSE programme on making an application in the prescribed form, provided applicant meets entry level qualifications with recommended passing marks, and also qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The institute or its constituent units will select the student who met the qualifying criteria for admission to the PGDNSE programme. The selection procedure shall have the approval of the Academic Council.

PGDNSEOR-4: Conduct of the Programme

- a. This programme shall be of one academic year duration. The PGDNSE shall comprise of theory courses, laboratory courses, viva-voce and mini projects.
- b. The credit requirements and syllabi of the prescribed course works shall be as approved by the Academic Council on recommendation of the Board of Studies. If a student fails in the examination, the student will appear in re-examination as prescribed in the Academic Codes of Practice.

PGDNSEOR-5: Final Certificate

- a. To qualify for diploma, a student must score more than 50% in each subject and more than 60% in aggregate. In case of not meeting the aggregate requirement, student can appear for reexamination only for a maximum of five subjects.
- b. Subject to meeting the conditions, Post Graduate Diploma in Nuclear Science and Engineering (PGDNSE) shall be conferred on the student by HBNI.
- c. 'Transcript of Marks' to be issued by the Constituent Institution.

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Ordinances: DipRP (Diploma in Radiological Physics)

DipRP (Diploma in Radiological Physics) is a one-year duration, Post M.Sc. diploma course, for creating well-trained human resource as Medical Physicists. Ionizing radiations find extensive applications in medicine, industry and research. With greater accent on radiation-based diagnosis and treatment, there is a growing need of well-trained Medical Physicists. This course will equip candidates eligible for RSO (Radiological Safety Officer) certification in medical, industrial and research institutions.

PGDRPOR-1: General

- a. These ordinances deal with the conduct of the DipRP (Diploma in Radiological Physics) programmes in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice: DipRP (Diploma in Radiological Physics)' to implement the ordinances towards conduct of the academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

PGDRPOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of DipRP (Diploma in Radiological Physics) under the provisions of the present ordinances.

PGDRPOR-3: Admission Process and Monitoring

- a. An applicant will be considered for registration to the DipRP (Diploma in Radiological Physics) programme, provided the applicant meets entry level qualifications with recommended passing marks, and qualifies admission tests, as prescribed in the Academic Codes of Practice.
- b. The selection procedure shall have the approval of the Academic Council.

PGDRPOR-4: Conduct of the programme

- a. This one-year programme includes theoretical and laboratory course works and on the job work experience (field training).

- b. The syllabus of each coursework shall be as approved by the Academic Council on the recommendation of the Board of Studies.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. The students will be evaluated following a continuous evaluation process. Minimum passing mark is at least 50% in each written examination, at least 60% in all other forms of examinations and at least 60% in aggregate.
- e. If a student fails in the examination, the student will appear in re-examination as prescribed by the Academic Codes of Practice.

PGDRPOR-5: Final Certificates

- a. Subject to meeting the conditions under PGDRPOR-4, the Diploma in Radiological Physics (DipRP) shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the DipRP (Diploma in Radiological Physics) programme:
 - i Diploma after the declaration of result by vice chancellor and ratification of the same by Council of Management, to be issued by HBNI Central Office.
 - iii 'Transcript of Marks' in the approved format to be issued by constituent Institution or off-campus-center, as the case may be.

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Ordinances: Certified Fellowship in Oncology

HBNI offers two-year Certified Fellowship programme in several specialties related to oncology and allied subjects for those having post-graduate degree in Medical & Health Sciences. In this ordinance, the term 'Department' shall refer to a unit in the CI/OCC specializing in a particular branch of Medical and Health sciences. The present ordinance describes some of the important academic regulations of this program.

CFOR-1: General

- a. These ordinances deal with the conduct of two-year Certified Fellowship in Oncology programme in Homi Bhabha National Institute.
- b. The institute shall frame 'Academic Codes of Practice Fellowship.' to implement the ordinances towards conduct of this academic programmes. The 'Academic Codes of Practice' shall be approved by the Academic Council. These are mandatory and apply to all students and faculties.
- c. The Ordinances shall take precedence over the Academic Codes of Practice in the matter of any dispute.

CFOR-2: Eligibility

Any Indian citizen, irrespective of caste, creed, sex, and religion will be eligible for registration to degree of two-year Certified Fellowship programme in Oncology (with various specialties) under the provisions of the present ordinances.

CFOR-3: Admission Process

- a. Number of seats and entry level minimum qualification in various specialties of the two-year Certified Fellowship in Oncology programme shall be as approved by HBNI Academic Council based on the recommendations by Board of Studies in Medical & Health Sciences. Minimum percentage of marks required as stipulated by HBNI shall be followed.
- b. The selection of candidates for admission to two-year Certified Fellowship in Oncology programme in a CI/OCC shall be through a written test followed by interview in accordance with the applicable guidelines of the Central Government and the Government of the State where the Institute is located.

CFOR-4: Conduct of the programme

- a. Normal duration of this programme shall be two academic years.

- b. The programme shall consist of (i) theory, clinical practices, practical training in advanced diagnostics, therapeutic and laboratory techniques relevant to the subject of specialization. The curriculum shall be approved by the Academic Council of HBNI on the recommendation of the Board of Studies in Medical & Health Sciences.
- c. The conduct of the programme and progress of the student during the entire programme shall be monitored by a Standing Academic Committee (SAC) or equivalent committee constituted by Director of CI or OCC.
- d. The passing marks shall be 50% in theory and associated practical examination separately, of each subject. If a student fails either in theory or in practical examination of a subject, the student has to reappear in both theory and practical examinations. Maximum number of attempts is three including the first attempt

CFOR-5: Final Certificate

- a. Subject to meeting the conditions under CFOR-4, the Degree of Certified Fellowship in Oncology shall be conferred on the student.
- b. Every student will be issued following documents on successful completion of the two-year Certified Fellowship Programme:
 - i. 'Provisional Degree Certificate' after declaration of results by Vice Chancellor to be issued by Central Office of HBNI.
 - ii. 'Final degree certificate' after the ratification of result by Council of Management, to be issued by Central Office of HBNI.

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