



GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
ADVERTISEMENT NO. 01/20223 (R-V)



Last date for receipt of Application: **12.11.2023**

The **Radiation Medicine Centre** of **Bhabha Atomic Research Centre** invites applications for undergoing the following courses under the aegis of **Homi Bhabha National Institute (HBNI), a Deemed to be University, Mumbai.**

COURSE (1):M.Sc. (HOSPITAL RADIOPHARMACY)

1. INTRODUCTION:

This course equips candidates for working as Radiopharmacist / Faculty in Nuclear Medicine Centres and Medical Cyclotron Facilities. The course will comprise of a full-time schedule of lectures, demonstration, practicals and related apprenticeship. **Candidates should not hold any other job during the course, or join any other programme.**

2. DURATION OF THE COURSE:

Two Academic Years (2023-2025). This programme shall be of **two academic year duration consisting of four semesters.** There will be examination at the end of every semester.

3. EDUCATIONAL QUALIFICATION REQUIRED FOR ADMISSION:

B.Sc. in any discipline with Chemistry as one of the subjects and Physics, Chemistry and Mathematics / Biology as subjects in the H.S.C. level. **OR** B.Pharm. from a university recognised by UGC. Candidates should have scored a minimum of 60% marks in aggregate in Science Subjects at B.Sc. / B.Pharm level.

4. AGE LIMIT:

Not more than 35 years as on 1st May 2023. The upper age limit can be relaxed in the case of SC/ST (5 Years), OBC (3 Years), PWD category (10 Years) and Sponsored candidates (10 Years). The candidates with physical disabilities limited to the lower extremities, but permitting to stand and move and physically able to carry out the course requirements will only be considered.

5. NUMBER OF SEATS:

Maximum 10 (Ten) (5 Non-Sponsored and 5 Sponsored). Numbers of seats indicated are provisional and subject to variation.

COURSE (2):M.Sc.(NUCLEAR MEDICINE AND MOLECULAR IMAGING TECHNOLOGY)

1. INTRODUCTION:

This course equips candidates for working as Nuclear Medicine Technologist / Faculty in Nuclear Medicine Centres / Teaching institutes. The course will comprise of a full-time schedule of lectures, demonstration, practicals and related apprenticeship. **Candidates should not hold any other job during the course, or join any other programme.**

2. DURATION OF THE COURSE:

Two Academic Years (2023-2025). This programme shall be of **two academic year duration consisting of four semesters.** There will be examination at the end of every semester.

3. EDUCATIONAL QUALIFICATION REQUIRED FOR ADMISSION:

Graduation from a university recognised by UGC with minimum 60% marks in aggregate in any of the following subjects. Correspondence course will not be considered.

- B.Sc. in Nuclear Medicine from AERB recognised institute OR
- B.Sc. in Physics, Chemistry, Mathematics, Zoology, Microbiology, Biochemistry, Bioinformatics, Biotechnology with Physics or Chemistry as one of the subjects in B.Sc.
- B.Sc. with above mentioned subjects only can apply.

4. AGE LIMIT:

Not more than 35 years as on 1st May 2023. Upper age limit can be relaxed in the case of SC/ST (5 Years), OBC (3 Years), PWD category (10 Years) and Sponsored candidates (10 Years). The candidates with physical disabilities limited to the lower extremities, but permitting to stand and move and physically able to carry out the course requirements will only be considered.

5. NUMBER OF SEATS:

Maximum 10 (Ten) (5-Non-Sponsored and 5-Sponsored). Number of seats indicated are provisional and subject to variation.

NOTE (Common to both courses) :-

1. **Only Indian Nationals can apply.**
2. Candidates can be sponsored by Institutions/Hospitals either, with a running Nuclear Medicine Facility, Universities, Government / Semi Government institutes, with the prospect of immediate employment in the same Institution. The sponsoring institute should have AERB approval or should provide an undertaking that they are in the process of obtaining approval, for starting a Nuclear Medicine Facility and provide sufficient document to support such claim and confirm that they are in need of candidates with M.Sc (NM&MIT) or M.Sc (HRP). They should furnish sponsorship certificate **as per Annexure-I in case of sponsorship for M.Sc. (HRP) /M.Sc. (NM&MIT)** from the Head of Institution. Only candidate providing sponsorship letter will be considered as sponsored category.
3. One seat is reserved for SC/ST/OBC candidate either from the Sponsored or the Non-sponsored category.
4. Medium of Instruction and Examination is English.

I. COMMON ADMISSION TEST (CAT):

A Common Admission Test for both courses will be conducted and will comprise of 150 Multiple Choice Questions. The CAT syllabus will be drawn from Science Subjects. 1) Physics 2) Chemistry 3) Mathematics or Biology of the level of Standard XII or equivalent. Minimum marks to qualify will be 50%. The CAT will be held on **17.12.2023** at **Anushaktinagar, Mumbai – 400094.**

II. Admit Card :

Admit card will be generated after the last date of receipt of application. Candidates are required to print the Admit Card using their own login details. Without the Admit Card, no candidate will be permitted to appear for the CAT. The list of selected candidates will be displayed on the BARC website (**recruit.barc.gov.in / www.barc.gov.in**). (Medium of CAT exam will be English).

III. SELECTION OF CANDIDATES:

A merit list of candidates qualifying the CAT will be made and candidates will be called in order of merit to attend Counseling Session. A separate merit list will be drawn for Sponsored Candidates. The date of counseling session will be notified on BARC website. The candidate should personally attend the counseling session.

IV. DOCUMENTS SUBMISSION:

On the day of counseling, original document verification will be carried out for candidates who have qualified the CAT. Printout of online application and attested copies of proof of age, caste and sponsorship letter (as applicable) along with mark sheet and certificate of H.S.C. and B.Sc / B.Pharm will be collected from the CAT-qualified candidates.

AFTER THE CAT, AT THE TIME OF VERIFYING THE ORIGINAL DOCUMENTS, IF A CANDIDATE IS FOUND NOT MEETING ANY OF THE ELIGIBILITY CRITERIA, HIS / HER CANDIDATURE WILL BE REJECTED.

V. STIPEND:

For M.Sc. Courses, a stipend of Rs.15,000/- p.m. (Rupees Fifteen Thousand Only) is given to each Non-Sponsored candidate. **No stipend is admissible to Sponsored candidates.**

VI. FEES:

No fees for the courses will be charged by BARC. However, a onetime enrolment fees of Rs. Rs.11000/- (Rupees Eleven Thousand only) or as prescribed by Homi Bhabha National Institute (HBNI) will have to be paid for the M.Sc. courses. A caution deposit of Rs.2000/- (Rupees Two Thousand only) will have to be remitted by the selected candidates to BARC.

VII. BOND:

Selected candidates will have to execute a bond to complete the training for a period of 2 years. A trainee who fails to complete the training, will be liable to pay to the Government a sum equivalent to aggregate amount of stipend received by him/her during the period of training along with interest thereon.

VIII. AWARD OF DEGREE / DIPLOMA

- i. The minimum qualifying marks or grades and other criteria for declaring a student as successful for the award of the **M.Sc. Degree will be as per HBNI academic ordinances.**
- ii. Maximum number of attempts allowed including the first one will be three. The maximum period allowed for completing the M.Sc. courses is four years.
- iii. The examination result of all the candidates shall be communicated to the Dean, HBNI through Dean-Academic of the Constituent Institute. The successful candidates will be awarded M.Sc.by HBNI.

IX. ACCOMMODATION:

Selected candidates may apply for hostel accommodation. They will have to pay for boarding and lodging. However, accommodation is not guaranteed.

X. JURISDICTION:

Any legal disputes arising out of this notification are subject to Mumbai jurisdiction only and in case of any dispute; English version of detailed Advertisement placed on BARC website shall be referred.

XI. Students are advised to carry their own Medical Insurance with service available at Mumbai during the duration of the course. No medical benefits from BARC are admissible to the candidates.

XII. HOW TO APPLY ONLINE:

- i. Facility for submission of online application will be available from **22.10.2023** at 10:00 hours to **12.11.2023** upto 23:59 hours on website of BARC i.e. **<https://recruit.barc.gov.in>**
- ii. Applications will be accepted only through online mode.

- iii. Candidate should read the instructions in the advertisement and online application form carefully before making any entry or selecting any option.
- iv. Before filling application form, candidates should keep ready the necessary documents/ certificates required. Candidate is required to fill up personal details and details of courses applied for etc. and upload recently taken front facing passport size photograph in JPEG format with size not exceeding 20 KB. Photograph not in conformity with the specification shall render the application liable to be rejected. While filling up the online application form candidates should ensure that all the required details are entered.
- v. The candidate must ensure that their photo and signature is clearly visible in preview at the time of filling application in online mode. If photo/ signature displayed is small or not visible in preview on website, that means photo/ signature is not as per the required format and in that case the application will be rejected. Therefore, candidates must ensure that photo and signature are clearly visible.
- vi. Before clicking the submit button, the candidate is advised to check that all the details filled in are correct. Candidate may also ensure that name, date of birth, etc., is entered correctly in the application form as per Secondary School Certificate (SSC). Any incorrect information may disqualify candidature. After final submission of application no request for change/ correction in any of the information in the application form shall be entertained under any circumstances.
- vii. Student can submit application for either or both courses if he / she satisfies the eligibility criterion.

:: IMPORTANT NOTE ::

- **No travelling allowance** will be paid for attending CAT.
- Before applying, the candidate should ensure that he/ she fulfill all the eligibility conditions mentioned in the advertisement. Candidates should ensure that they fill in the correct information. Furnishing of incomplete, false or misleading information shall render the application liable to be rejected. The candidate would be admitted to various stages of the recruitment process based on the information furnished by the candidate in his/ her application. As such, the candidature of the applicant shall remain provisional till detailed scrutiny is undertaken and the candidate is found eligible in all respects. BARC would be at liberty to reject any application at any stage if the candidate is found ineligible for the course or if it comes to notice that the candidate has furnished false information. The decision of BARC shall be final in deciding the eligibility of the candidate. The mere fact that a call letter has been issued to the candidate and allowed to appear for CAT will not imply that his/ her candidature has been finally cleared or that entries made by the candidate in his/ her application have been accepted as true and correct.
- Person working in the Central / State Government / Public Sector Undertaking should submit their applications **through proper channel**. They may however, submit advance copy online. Applications, which are not in the prescribed form (Online) are liable to be rejected.
- In case the original B.Sc/ B.Pharm marksheets / certificates have been submitted to any other institution for pursuing other courses, candidates are required to submit a letter to that effect from the Head of that institution.
- B.Sc/ B.Pharm mark sheets/certificates are retained by the office during the course.
- SC/ST/OBC (clearly indicating Creamy Layer status) certificate should be as per the format prescribed for employment in Government of India.
- Candidates who are NOT meeting the eligibility criteria NEED NOT apply.
- Course work involves handling of radioactivity. Female candidates who are likely to be pregnant or planning for pregnancy during the period of the course are advised not to apply.
- **Corrigendum, if any, issued on the above advertisement will be published only on BARC website.**

ANNEXURE - I

Proforma of letter from Head of Institution for sponsored candidates on the letter
Head of the Institution
(To be submitted on the day of CAT)

Shri/Smt./Kum. _____ is hereby sponsored for undergoing M.Sc. (HRP) / M.Sc. (NM&MIT) course at the Radiation Medicine Centre, BARC to be conducted during the years 2023-2025. He / She is working in this Institution since _____. In case he/she is selected for this course this Institute will pay him/her salary/stipend during the period of the course.

After successful completion of the course, we undertake to suitably employ Shri/Smt./Kum. _____ in our Institution so that the knowledge and skills acquired by him/her in the program are properly utilised.

Copy of institutional approval from AERB/ undertaking about the process of taking AERB approval is enclosed herewith.

Signature of the Head of the Institution
(The Competent Authority of the Institute
authorized to make above commitment)

(Office Seal)