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| barc_logo.png | Government of India  Bhabha Atomic Research Centre Human Resource Development Division  Anushaktinagar, Mumbai - 400094  Applications are invited from Engineering Post-Graduates for Admission to DGFS-Ph.D. Programme (2016)  under the Aegis of Homi Bhabha National Institute  Last date of receipt of application is 16/05/2016 | gornment-of-india.jpg |
| Human Resource Development Division (HRDD), Bhabha Atomic Research Centre (BARC) Invites applications from Engineering Post-graduates (M. E. / M. Tech. /Equivalent Degree) for admission to DGFS-Ph.D. programme under the aegis of Homi Bhabha National Institute (HBNI) commencing from August, 2016. The selected students will be admitted to one of the following Constituent Institutions of HBNI:    (1) Bhabha Atomic Research Centre (BARC), Mumbai;  (2) Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam;  (3) Institute for Plasma Research (IPR), Gandhinagar;  (4) Variable Energy Cyclotron Centre (VECC), Kolkata.  These centres have been in the forefront of research in various branches of engineering viz. chemical, computer, electrical, electronics, instrumentation, mechanical, metallurgical and nuclear. Several state-of-the-art laboratories and research facilities are unique to these institutions. The Ph.D. Programme in Engineering Sciences is extremely challenging in view of the expanding Nuclear Power Programme of the Department of Atomic Energy. For the motivated candidates, it offers considerable scope to realize their potential while simultaneously contributing to the important task of nation building in this highly specialized area.  The selected students will be awarded fellowships under the DAE Graduate Fellowship Scheme (DGFS-Ph.D.) for pursuing Ph.D. under the aegis of HBNI. The other terms and conditions are:   1. The DGFS-PhD fellowship is tenable for three years. Any further extension is based on the progress made in PhD programme and recommendations of the Competent Authority. In any case, no extension will be given beyond five years. 2. The amount of fellowship payable under the scheme is ` 40,000/- pm (Rupees Forty Thousand Only) besides house rent allowance and medical benefits as per rules and an annual contingency grant up to ` 32,000/- (Rupees Thirty Two Thousand only). 3. The selected fellows will carry out research under the joint supervision of two guides, one having strength in basic research and the other in technology development. 4. One has to make own arrangement for accommodation.   ELIGIBILITY   1. **Qualifying Degree and other academic qualifications:** Candidates should possess M.E. / M.Tech. or equivalent post graduate degree in chemical/computer/electrical/electronics/instrumentation/mechanical /metallurgical/nuclear engineering with minimum 60% Marks. In addition to this, the student should have 60% marks in B. E. /B. Tech. or any other degree considered to enter M.E. / M.Tech. programme. The ‘qualifying 60% marks’ should be as per the ordinance of the respective degree awarding university OR equivalent of cumulative grade point average CGPA (converted to % Marks by multiplying with 100/x if the CGPA is on x points scale). 2. **Age limit:** The candidates desirous of availing DGFS-Ph.D. fellowship should have been born on or after August 1, 1988. Age limit is relaxable by three years for OBC and by five years for SC/ST applicants. Persons with Disability (PWD) of all categories are eligible for further age relaxation of 10 years. The age limit for the candidates working as faculty in Engineering Colleges is 40 years, who desire to pursue Ph.D. without the fellowship grant. 3. **Nationality:** Applicant should be an Indian citizen.     SELECTION PROCESS  Applicants who fulfill the above mentioned eligibility criteria, and whose M.Tech. project is of relevance to DAE, will be called to BARC, Mumbai on 25 June 2016 for a written screening test followed by interview of selected candidates. Screening will be based on previous academic records and performance in the screening test. The final selection will be based on performance in the interview. The candidates should be prepared for a 10 minutes presentation on their research interest. Outstation applicants called for written test / interview will be paid to and fro sleeper class train fare on production of tickets by shortest route, or actual fare, whichever is less.  HOW TO APPLY  Duly filled in application form as per given format along with self-attested copies of documents mentioned in the application form should be mailed to the following address on or before 16th May 2016.  DGFS-Ph.D. Programme- 2016  Administrative Officer - III, HRDD, Training School Complex, Anushaktinagar, Mumbai - 400 094.  Applicants are advised to mail only by registered or speed post services and to preserve the receipt for future reference.    For further details visit our website: www.hbni.ac.in and [www.barc.gov.in](http://www.barc.gov.in) | | |

Government of India  
Bhabha Atomic Research Centre  
Human Resource Development Division

**Application for Admission to DGFS-Ph.D Programme-2016**

**(tick as applicable)**

Application Number:

*Affix recent passport*

*size photograph*

*and* ***sign across it***

(to be allotted by office)

1. Name:

2. Address for correspondence:

3. E-mail id:

4. Telephone/Mobile No.:

5. Date of Birth:

6. Category: General SC ST OBC

7. Whether person with disability (PWD): Yes No

8. Nationality:

9. Master degree: M. E.**,** M. Tech. , Equivalent (Name of the degree \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ )

9a.If equivalent give details.

10. Discipline of the Master degree: Chemical Engg. **,** Computer Engg. **,** Electrical Engg. **,** Electronics Engg. **,**

Mechanical Engg. **,** Metallurgical Engg. **,**  Instrumentation Engg. Nuclear Engg.

11. Master Level Specialization:

12. University: (a) Master Programme: (b) Bachelor Programme:

13. Whether result of Master degree available: Yes/No.

14. Academic Records :

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|  | **Qualifying Marks in B.E./B.Tech or any other degree considered to enter M.E./M.Tech. Programme** | **GATE Score**   * **Based on which M.Tech Admission was secured** * **Actual Score of the applicant: Not the percentile** | **Semester Grade Point Average (SGPA) of M.E./M.Tech.**  **up to the last semester for which results are available**  **(Do not write CGPA)** | | | | | |
| **I** | **II** | **III** | **IV** | **V**  **(if any)** | **VI**  **(if any)** |
| Marks Secured |  |  |  |  |  |  |  |  |
| Max. Marks |  |  |  |  |  |  |  |  |
| % |  |  |  |  |  |  |  |  |

15. If selected, indicate order of preference of CI for enrolment (BARC/IGCAR/IPR/VECC):

1. 2. 3. 4.

Date: Signature of Applicant

Enclosures [Self attested photocopies of] **:**

1.Date of Birth Certificate and SC/ST/OBC/PWD Certificate (as applicable)

2. Mark-lists of B. E. / B. Tech. or equivalent showing qualifying marks and Degree Certificate.

3. Mark-lists of all available M. E. / M. Tech. Semesters and Degree Certificate or Provisional Certificate.

4. Synopsis of M. Tech. Project.

5. GATE score card based on which M.Tech admission was secured by the candidate.

6. Disability Certificate (if age relaxation is sought under this category)

7. Service certificate regarding faculty experience (if age relaxation without fellowship is sought under this category)

Note : Application will not be processed, if any of the above enclosures are not submitted.

**Forms can also be downloaded from** [**www.hbni.ac.in**](http://www.hbni.ac.in) **OR** [**www.barc.gov.in**](http://www.barc.gov.in)

**Last Date for receipt of Applications**: **May 16, 2016**