

# DEPARTMENT OF PHYSICS UNIVERSITY OF MUMBAI.

## Ph. D. Fellowships under

### UNIVERSITY OF MUMBAI-BHABHA ATOMIC RESEARCH CENTER (MU-BARC) COLLABORATIVE Ph.D. SCHEME IN PHYSICS (Academic Year 2010 – 2011)

The research facilities are offered in various frontier areas such as nuclear physics with accelerators; accelerator physics; solid state physics using neutrons, X-rays and lasers; theoretical physics; laser based atomic and molecular spectroscopy etc. at BARC under the collaborative scheme between Mumbai University and Bhabha Atomic Research Centre. BARC operates the 100 MW Dhruva reactor and 14 MV Pelletron accelerator for research in solid state and nuclear physics, respectively. Several laser-based equipments are available to carry out front-line spectroscopic work on gases, liquids and solids. This research programme will lead to Ph.D. degree in Physics Of Mumbai University and is open to only those candidates who have obtained M.Sc. Degree in Physics with 60% or more marks from University of Mumbai. The selection will be on the basis of an interview, which is likely to be held in **September 2010**. The exact date of interview will be displayed on the Notice Board of the Department of Physics later. The selected candidates will receive a stipend of **Rs.10,000/- per month (JRF)** which will be raised to **Rs.12,000/- per month (SRF)** if the performance during the first two years is found satisfactory.

The application forms can be downloaded from the Mumbai University website <http://mu.ac.in> The last date for submission of completed applications forms to the Head, Department of Physics is **August 24, 2010**. In case of additional queries, the Co-ordinator MU – BARC Ph. D. Programme may be contacted.

Mumbai.  
July 2009.

(Professor V. P. Bhattacharyya)  
Co – ordinator  
MU-BARC Ph. D. Programme

(Professor A. D. Yadav)  
Head,  
Department of Physics

**UNIVERSITY OF MUMBAI  
DEPARTMENT OF PHYSICS**

**APPLICATION FORM FOR ADMISSION TO THE Ph.D. DEGREE COURSE  
UNDER THE SCHEME OF COLLABORATION BETWEEN THE UNIVERSITY  
OF MUMBAI AND THE BHABHA ATOMIC RESEARCH CENTRE  
(MU – BARC).**

Sir,

I submit herewith my application for admission to the Ph.D. degree course  
in PHYSICS with specialisation in\*

I give below the required particulars: -

1. Full Name (Beginning with  
Surname in BLOCK LETTERS) \_\_\_\_\_
2. Local Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Phone / Mobile Number \_\_\_\_\_
4. Nationality : \_\_\_\_\_
5. Father's / Guardian's  
Name and Occupation \_\_\_\_\_  
\_\_\_\_\_
6. Have you applied for admission  
to any other course of this  
University or of any other  
University /Body? If so, give details  
\_\_\_\_\_
7. Name of the college last attended: \_\_\_\_\_

**8. Particulars relating to the examination passed by the applicant: -**

Examination	Year of Passing	University	Class	No. of attempt

Subject/s offered at the M.Sc. exam.	Marks obtained & Marks assigned	Percentage/Class

\* Specify the field of interest as given in the advertisement

Yours faithfully,

(Signature of candidate)

Date:

Place:

## INSTRUCTIONS

1. Application must be completed in all respect and must be submitted to the Head, Department of Physics, University of Mumbai, Lokmanya Tilak Bhavan, Vidyanagari, Mumbai 400 098, on or before 24<sup>th</sup> August, 2010.
2. Application must be accompanied by copies of the Statement of marks obtained by the applicant at the M. Sc. degree examination, certified by The Principal of constituent College/ The Head of the recognized Institution / A member of the Senate of this University or a Special Executive Magistrate.
3. Candidates will have to present themselves for the interview before the Committee for selection at their own cost.
4. Individual intimation will be sent to students selected for admission. A student who fails to avail himself of the admission will not be considered again for a seat.
5. No intimation will be sent to those who are not selected for admission.
6. The students selected for admission to the Ph. D. degree under the scheme will be entitled to get the Junior Research Fellowship (JRF) of the sum of Rs.10,000/- per month offered by the Department of Atomic Energy.
7. Before registration selected candidate has to take prior approval of his / her little from R. R. Committee of the University.

Vidyanagari , Mumbai 400 098.

(Dr. Amar Deo Yadav)

