

विद्यानगरी, सांताक्रुझ (पूर्व),

मुंबई - ४०००९८ (भारत).

दूरध्वनी : २६५४ ३३५८ (कार्यालय)

: २६५२ ८८३५ (विभागप्रमुख)

थेट दूरध्वनी क्रमांक : २६५२ ६२५०

फॅक्स : २६५२ ९७८०.



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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 2013 – 2014)

Research facilities are offered in various frontier areas such as nuclear physics with accelerators; accelerator physics; condensed matter 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 condensed matter and nuclear physics, respectively. Several laser-based equipments are available to carry out front-line spectroscopic work on gases, liquids and solids.

In additions, BARC has built and operates several state of the beamlines at 2.5GeV Indus-2 synchrotron for a variety of investigations on solids and liquids.

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. Selection will be on the basis of an interview, which will be held on Saturday, September 21, 2013 from 10:30 a.m. onwards. The selected candidates will receive a stipend of Rs.16,000/- per month (JRF) which will be raised to Rs.18,000/- per month (SRF) if the performance during the first two years is found satisfactory. They will also receive a contingency grant of Rs. 20,000/- per annum.

Selected candidates are required to fulfill the criteria for Ph.D admissions as given by the rules of Mumbai University for registration towards their Ph.D. degree

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 **September 16, 2013**.

Mumbai.
30th August, 2013.

(Professor D.C.Kothari)
Head
Department of Physics

Professor & Head
Department of Physics
University of Mumbai

