

UNIVERSITY OF MUMBAI - DEPARTMENT OF ATOMIC ENERGY  
**CENTRE FOR EXCELLENCE IN BASIC SCIENCES**  
Nalanda Building, University of Mumbai, Kalina Campus, Santacruz (E), Mumbai - 400098  
Web: [www.cbs.ac.in](http://www.cbs.ac.in); Email for contact: [phdadmissions@cbs.ac.in](mailto:phdadmissions@cbs.ac.in)

**Advt. No. 06/2024**

**Advertisement inviting applications for the Ph. D. Programme at UM-DAE CEBS  
for the Academic Year 2024 - 2025**

University of Mumbai - Department of Atomic Energy Centre for Excellence in Basic Sciences (UM-DAE CEBS) was established in 2007 on the Kalina campus of the University of Mumbai to impart high-quality education in Basic Sciences (starting with Five-year Integrated M.Sc.) after the 10+2 (or equivalent) level of schooling, in a vibrant academic ambience.

UM-DAE CEBS invites applications from eligible candidates for the Ph.D. programme in the below mentioned Schools:

S. No.	Schools	Qualifications
01	School of Physical Sciences	Master's degree in Physics (with a desirable background in either Nuclear Physics, Mathematical Physics, Plasma Physics, Condensed Matter Physics and Computational Physics)
02	School of Chemical Sciences	Master's degree in Chemistry (General, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Biochemistry or Material Chemistry)
03	School of Mathematical Sciences	Master's degree in Mathematics (with a strong background in Algebra, Topology and Analysis)
04	School of Biological Sciences	Master's degree in Biology (Life Sciences, Microbiology, Botany, Zoology, Biotechnology, Molecular Biology, Biochemistry and Biophysics)

**Essential requirements:**

(1) Master's degree should carry at least 55% marks in aggregate or its equivalent grade 'B' in the UGC 7-point scale (or an equivalent grade in point scale wherever grading system has been followed) or an equivalent degree from a foreign educational institution. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade will be allowed for those belonging to SC and ST candidates. For other categories of candidates, rules as per the policies of the Govt. of India will be followed.

(2) Qualification in UGC-CSIR-NET (JRF or LS) / SLET / GATE / NBHM / JEST / DBT-BET/DST-INSPIRE or PET conducted by the University of Mumbai / Teachers' Fellowship examinations is an essential eligibility criterion.

(3) Age Limit: Maximum 28 years as on January 1, 2024. The age limit will be relaxed by 5 years for the SC/ST candidates and by 3 years for the OBC candidates.

(4) Only those intending to pursue the program on a full-time basis should apply.

**Mode of selection:** Selection will be made based on the results of a written test and /or an interview conducted by CEBS.

**Fellowships:** Selected candidates joining the program will receive the Junior Research Fellowship (JRF) of DAE with the emolument of Rs. 37000/- pm + 27% HRA (or as per Govt. Guidelines) OR Candidates may avail their own fellowship from DBT, DST (INSPIRE), UGC/CSIR/NBHM. *No accommodation* will be provided by UM-DAE CEBS. HRA will be provided only if NOT residing in Govt. Accommodation.

Candidates will be awarded the Doctor of Philosophy (Ph.D.) degree (Science and Technology) in Basic Sciences (Biology or Life Sciences, Chemistry, Mathematics and Physics) by Mumbai University after successful completion of the program in the corresponding school. Candidates enrolled in the Ph.D. program will be bound by the rules and regulations of the Ph.D. program of UM-DAE CEBS (<https://www.cbs.ac.in/academics/manual-for-phd-students>).

**For admission form [click here](#)** (Note: Only online forms will be accepted)

**Last date for submission of application form: 30<sup>th</sup> April 2024.**

**Registrar:** UM-DAE Centre for Excellence in Basic Sciences, Nalanda bldg., University of Mumbai, Kalina Campus, Vidyanageri, Santacruz (East), Mumbai - 400 098

  
भू. कु. गंगराड / B. K. Gangrade  
कुलसचिव / REGISTRAR  
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