



मुं वि - प ऊ वि मौलिक विज्ञान प्रकर्म केन्द्र
UM-DAE Centre for Excellence in Basic Sciences
An Aided Institute under the Department of Atomic Energy (DAE), Govt. of India

Advt. No. CEBS/PhD/02/2026 dated 01.06.2026

Advertisement inviting applications for admission to the Ph.D. Programme at UM-DAE CEBS for the Academic Year 2026 - 2027

University of Mumbai - Department of Atomic Energy Centre for Excellence in Basic Sciences (UM-DAE CEBS) is an aided institute of the Department of Atomic Energy (DAE), Govt. of India. Established in 2007, it is located on the Kalina campus of the University of Mumbai, Mumbai. It offers a 5-year residential integrated M.Sc. programme with a DAE Fellowship, as well as a multi-disciplinary Ph.D. programme for training students in addressing basic science and societally relevant research problems. With several state-of-the-art research facilities on its campus, a dynamic academic atmosphere, and strong research collaborations with nearby premier research institutes, UM-DAE CEBS serves as an ideal destination for those seeking to pursue a research career in emerging areas of Basic Sciences.

UM-DAE CEBS invites applications from eligible Indian nationals for a **full-time** Ph.D. programme in the following Schools:

S. No.	Schools	Essential Qualification and Research Areas
01	School of Physical Sciences	Essential Qualification: M.Sc. in Physics Research Areas: Nuclear Physics/ Mathematical Physics, Computational Plasma Physics, Condensed Matter Physics
02	School of Chemical Sciences	Essential Qualification: M.Sc. in Chemistry (General/ Inorganic Chemistry/Organic Chemistry/Physical Chemistry/Biochemistry/Material Chemistry) Research Areas: Organic Synthesis and Biophysical Chemistry
03	School of Mathematical Sciences	Essential Qualification: M.Sc. in Mathematics Research Areas: Topology and Geometry
04	School of Biological Sciences	Essential Qualification: M.Sc. in Biology (Life Sciences/ Microbiology/Botany/Zoology/Biotechnology/Molecular Biology/ Biochemistry/Biophysics) Research Areas: Understanding thermophiles

Essential Eligibility Criteria:

(1) M.Sc. in the relevant subject area with at least 55% marks in aggregate or its equivalent grade 'B' on the UGC 7-point scale (or an equivalent grade in the point scale, wherever the grading system has been followed) or an equivalent degree from a foreign educational institution. A relaxation of 5% of marks, or an equivalent relaxation of grade, will be allowed for applicants belonging to the SC, ST, and *Divyangjan* categories.

(2) Age: A maximum of 28 years as on August 1, 2026. The age limit will be relaxed by 3 years for OBC-NCL candidates, by 5 years for SC/ST candidates, and by 10 years for *Divyangjan* candidates. (Note: SSC / matriculation certificate or birth certificate will be accepted as proof of date of birth)

(3) Qualification in UGC-CSIR-NET (JRF or LS) / SLET / GATE / NBHM / JEST / DBT-BET / DST-INSPIRE or SET examinations.

Mode of selection: Selection will be made based on the merit list prepared after a written test and/or an interview of eligible candidates, conducted by each School of UM-DAE CEBS. The recommendation/decision of the Selection Committee will be final and binding.

Fellowships: The candidates selected for the Ph.D. programme will receive Junior Research Fellowship (JRF) instituted by UM-DAE CEBS, or alternatively, they can activate their own fellowship (from DBT, DST (INSPIRE), UGC/CSIR/NBHM, etc.). The CEBS fellowship has emoluments of Rs. 37,000/- per month and HRA @30% as applicable for the first two years and upgradation to Senior Research Fellowship (SRF) from the third year onwards with a stipend of ₹42,000/- per month plus HRA @30% as applicable, subject to terms and conditions laid down by DAE from time to time. Selected candidates are also entitled to a contingency grant of ₹60,000/- per year.

Reservation Policy: UM-DAE CEBS follows the Government of India's reservation policy.

Number of Seats: The number of seats allotted to this Ph.D. programme will be governed by the norms laid down by DAE.

Duration: 5 years, including UGC-prescribed coursework as mandated from time to time.

Accommodation: Very limited shared accommodation for the 1st year may be provided, subject to availability on the UM-DAE CEBS campus, for candidates whose hometown and/or residence lies outside the Mumbai Metropolitan Region, and will be allotted strictly based on merit.

Degree: After successful completion of the Ph.D. programme, candidates will be awarded the degree of Doctor of Philosophy (Ph.D.) in Basic Sciences (with specialization in Biology, Chemistry, Mathematics or Physics) by the University of Mumbai.

Rules and Regulations: Candidates enrolled in the Ph.D. programme will be bound by the rules and regulations of UM-DAE CEBS.

For the application form and other details, visit

<https://www.cbs.ac.in/Academics/ph-d-programme>

The application is to be submitted only in online mode.

The last date for submission of the application form is 6th July, 2026

Dean, Academic Affairs: UM-DAE Centre for Excellence in Basic Sciences, Nalanda Building, University of Mumbai, Vidyanagari Campus, Kalina, Santacruz (East), Mumbai - 400 098.