

PhD Programme in Science Education - 2021

To apply online, to download the form and for more information about admission please visit:

www.hbcse.tifr.res.in/admissions/

We are looking for enthusiastic people with

- interest in science and mathematics education
- flair for teaching and writing
- curiosity about how students learn
- critical and analytical skills
- commitment to improve education

Note: This is a programme in education research. It is not a pure or applied science research programme.

Science and mathematics teachers and educators are also encouraged to apply. For part of the programme, teachers and educators can undertake research while stationed at their parent institutions. However, they would have to spend a minimum of two years in person at HBCSE.

Areas of Research

- Teaching and learning of science and mathematics from primary to undergraduate level
- Innovative curricula and assessment methods, experimental problem-solving in science
- Development of scientific and mathematical thinking in students at school and college level
- Design and technology in the curriculum at school level
- Socio-cultural and gender factors in learning
- Science-Technology-Society-Environment Education
- Science of learning and new computational media
- Discipline-based education research in physics, chemistry, biology, mathematics, astronomy and environmental science education

Admissions are made initially for six months, renewable every six months up to a maximum of five years. Continuation is subject to completion of milestones as specified by the subject board.

Offline applicants should send the completed form along with one passport size photograph and a demand draft (non-refundable) of the applicable amount in favour of "Homi Bhabha Centre for Science Education, TIFR" to: **Graduate School Admissions - 2021, Homi Bhabha Centre for Science Education, TIFR, V. N. Purav Marg, Mankhurd, Mumbai 400088.**

A written test for eligible applicants will be held at different centres around the country: Chennai, Bengaluru, Pune, Mumbai, Delhi, Kolkata, Hyderabad, Bhopal and Guwahati (provisional). Those who qualify will be called for an in-person interview.



Eligibility

M.Sc. (in any subject), M.E., M.Tech. or a Master's degree (M.A./ M.S.W.) in any of the social/ behavioural sciences/ psychology/ linguistics/ sociology/ economics/ anthropology, M.Ed. with a science or social sciences/ humanities undergraduate degree.

Exam Fee (Non-Refundable)

For online and manual applications

- Female Candidates: ₹350/-
- Male Candidates: ₹850/-
- Other Candidates: ₹350/-

Important Dates

- Application submission deadline: **March 31, 2021**
- Written test: **in May (tba), 2021**
- Interview: **June 3rd week, 2021**

Scholarships

- ₹31000/- per month till registration, ₹35000/- per month post-registration
- Additionally, 24% HRA in lieu of on-campus institute accommodation
- Annual contingency grant of ₹40000/- for research related expenses