



Admission to PhD Programme in Science Education - 2025

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 STEM education

Science and mathematics teachers and STEM 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 to complete mandatory coursework and other requirements.

Areas of Research

(More details at <https://www.hbcse.tifr.res.in/research>)

- ◆ Discipline-based education research in physics, chemistry, biology, mathematics, astronomy, and environmental science education
- ◆ Teaching and learning of science and mathematics, especially from school 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
- ◆ Science of learning and cognition, and the use of new computational media for STEM education
- ◆ Studies of linkages between science, technology, and society, including environmental and public health issues, socio-cultural and gender factors in the STEM education environment

Eligibility

Master's degree in any subject with not less than 5 years of study after Std. XII. *Post Graduate Diplomas do not qualify as Master's degrees.

Application Fee (Non-Refundable)

Male Candidates	: ₹1000/-
Female Candidates	: ₹500/-
Other Candidates	: ₹500/-

To apply online and for more information about admission please visit

https://www.tifr.res.in/academics/gs_admissions.php.

For information about the "HBCSE PhD Programme in Science Education" please visit:

<https://www.hbcse.tifr.res.in/academic/graduate-school>.

Note: This is a programme in science education research.

Important Dates

Application submission deadline:

Sunday, October 20, 2024 (11 PM)

Written test: **Sunday, December 08, 2024 (2:00 PM to 5:00 PM)**

Interview: To be announced

Scholarships

- ◆ ₹37000/- per month till registration, ₹42000/- per month post-registration
- ◆ Additionally, HRA (as per government guidelines) in lieu of on-campus institute accommodation
- ◆ Annual contingency grant of ₹60000/- for research related expenses.

Admissions are made initially for a year, and scholarships are renewed every year up to a maximum of five years (subject to meeting academic requirements as laid down by the HBCSE/TIFR deemed-to-be-university).

Contact Info:

For exam, hall tickets, and general queries:

admissions@tifr.res.in

For specific queries about the HBCSE Centre:

hbcdean@hbcse.tifr.res.in