

## Homi Bhabha Centre for Science Education Tata Institute of Fundamental Research (A Deemed University)

Advt. No. 01/2018

### Ph.D. Programme in Science Education – 2018

We are looking for young people with

- Interest in science education
- Flair for teaching and writing
- Curiosity about how students learn
- Critical and analytical skills
- Commitment to improve education

Science and mathematics teachers and educators are also encouraged to apply. They would have to spend a minimum of two years at HBCSE and can undertake research while stationed at their parent institutions.

To apply online, to download the form and for more information about admission please visit: <http://www.hbcse.tifr.res.in/admissions/>. For information about the Ph.D. programme please visit: <http://www.hbcse.tifr.res.in/graduate-school>

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

#### Areas of research (more details at <http://www.hbcse.tifr.res.in/research-development>)

- 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
- Visual and spatial modes in learning
- Socio-cultural and gender factors in learning
- Science–Technology–Society–Environment Education
- Structure and dynamics of knowledge
- Discipline-based education research in physics, chemistry, biology, mathematics, astronomy and environmental science education

**Eligibility:** M.Sc. (in any subject), 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)

**Male candidates:** Rs 600 for online and manual applications.

**Female candidates:** Rs 100 for online and manual applications.

#### Important dates

- Application submission deadline: **15 March 2018**
- Written test: **13 May 2018**
- Interview: **June 3rd week, 2018**

#### Scholarships

- Rs 25,000 per month till registration, Rs 28,000 per month post-registration
- Additionally, 30% HRA in lieu of on-campus institute accommodation
- Annual contingency grant of Rs 32,000.

Admissions are made initially for one year, renewable annually up to a maximum of five years.

Offline applicants should send the completed form along with one passport size photograph and a demand draft (non-refundable) of the applicable amount to: Graduate School Admissions – 2018, Homi Bhabha Centre for Science Education, TIFR, V. N. Purav Marg, Mankhurd, Mumbai 400 088.

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

Phone: (022) 2507 2304/2507 2230; Fax: (022) 2556 6803; e-mail: [admissions@hbcse.tifr.res.in](mailto:admissions@hbcse.tifr.res.in).