

Positions for TEACHING FELLOWS!

Indian Institute of Science Education and Research (IISER) Pune is set to launch a nationwide program- “**India Innovation Competency Enhancement Program (IICEP)**” funded by the Department of Science and Technology (DST) Government of India.

Encompassing many essential aspects related to the competency development of students and teachers, the program aims to enrich student innovation and creativity through **teacher training**. With a focus on the schools across the country, the program targets at building a new curriculum and teaching pedagogies to deliver STEM education in classrooms to encourage students to *think critically, explore, experiment, and innovate*. The program aims to augment the Government’s enriching efforts, such as the DST-MANAK program and building innovation culture at the school level.

A team of **motivated, energetic and passionate- educators, communicators and trainers** would be working together in close collaboration with all the stakeholders to achieve the goals. Online and in-person engagement, resource generation, school visits and sustainable interaction with teachers would be the central part of the implementation.

A dedicated team of **Teaching Fellows** would engage with on-ground active teachers and support them in cascading the training. Additionally, these Fellows would also participate in the development of STEM activities, assist trainers, conduct sessions and work closely with the participating teachers.

Here is some more information:

What is this programme?

“India Innovation Competency Enhancement Program (IICEP)” is a program lead by the Indian Institute of Science Education and Research (IISER) Pune, funded by the Department of Science and Technology (DST) Government of India. The program will train teachers to enrich student innovation and creativity.

Who can apply?

Motivated, young and enthusiastic candidates having graduate degrees in STEM areas, science education or equivalent with a minimum of one year of relevant work experience and age not exceeding 35 years as of the date of application. Along with English, candidates having fluency in Hindi, Marathi, and other regional languages (e.g. Telugu) will be preferred.

Why is it an exciting opportunity for someone interested in school education?

The program would provide...

- an ideal platform for young aspirants to get a foothold in school education community
- an opening to interact, engage and learn from experts working in the field of STEM education
- an opportunity to visit schools across the country to engage with teachers and students and thereby develop or strengthen their ground-connect
- exposure to different methods of teaching-learning along with experience with hands-on training

What is expected from the Fellow?

The Fellows would...

- assist in teacher training workshops (virtual and physical) to be conducted at the Science Activity Centre at IISER Pune and in different parts of India on science and mathematics topics
- visit schools to get an accurate picture of the existing science laboratories and teaching tools for mathematics, and make notes to design the kit to be given to the teachers in the first stage of the program
- carry out regular on-field visits to various rural and urban schools participating in the project
- build a good rapport with teachers and help them carry out various teaching activities
- make on-field notes and records of observations and feedback from teachers and students
- design new activities and building models to be used in school level teaching
- keep a record of the teachers' activities and also generate periodic reports that will provide inputs to update the existing teacher training modules as needed
- engage in translation of resource material to regional languages for all the modules

Is there work-related travel involved?

Yes! Teacher Fellows would be the on-field flag bearers of the program. In addition to online engagement, the Fellows would travel in different states across the country, engage with the participating teachers and their students, and support them in implementation.