

Chemistry Olympiad Exposure Camp

Organized by
Homi Bhabha Centre for Science Education – TIFR, Mumbai

In collaboration with
Navrachana University, Vadodara

December 4 – 7, 2023

Homi Bhabha Centre for Science Education (HBCSE) is a National Centre of the Tata Institute of Fundamental Research, Mumbai. The broad goals of the Centre are to promote equity and excellence in science and mathematics education from primary school to undergraduate college level. It is India's nodal center for Olympiad programmes in Mathematics, Physics, Chemistry, Biology and Astronomy.

Navrachana University Vadodara (NUV) is a UGC approved University, established through the Gujarat Private Universities Act, 2009. The Chemistry Department-School of Science, Navrachana University is hosting the Olympiad Exposure Camp in collaboration with HBCSE.

We are happy to invite applications from Junior college/High school teachers (**teaching chemistry from class X to XII**) for the Chemistry Olympiad Exposure Camp to be held from **December 4 – 7, 2023** at Chemistry Department-School of Science, Navrachana University. Teachers employed in schools/junior college recognized by state or central government education boards are eligible to apply.

The International Chemistry Olympiad (IChO) has been a movement for pre-university students. By presenting challenging problems in experimental and theoretical areas, it engages learners in problem solving culture and thus, excites them about the domain of chemistry. The science (chemistry) Olympiad program is equally challenging for the teaching community. For designing unconventional problems and guiding students in engaging with these problems, it requires engagement with the subject at historical, philosophical, practical, and conceptual levels. Such an engagement not only enriches the conceptual understanding of the subject but also its pedagogy.

The forthcoming exposure camp is aimed at sharing our learnings and helps you gain enriched experience through interactions during the camp. The exposure camp will consist of pedagogical sessions related to concepts in chemistry both in the experimental and theoretical areas related to the chemistry Olympiad. The participating teachers will be sent some of the past Olympiad problems set for the Indian programme.

It is important that you go through the sent problems and each participant should try to solve at least one problem prior to the camp. It is equally important that you reflect about the pedagogical aspects of the problem. During the camp, we would discuss your reflections about the problems, both from content and pedagogical perspectives. With learning from the camp, you may want to adapt similar approach, for assessment in your own classroom, at least partly.

Interested teachers can apply [here](#) by filling the application form available by **October 9, 2023**.

In case the link does not open directly, right click on the link and copy the hyperlink to your browser and open.

New applications would be given priority over past participants of Chemistry Olympiad Exposure Camps at HBCSE who are applying again.

The list of selected teacher participants will be uploaded on our [website \(olympiads.hbcse.tifr.res.in\)](http://olympiads.hbcse.tifr.res.in) by **October 20, 2023**.

Selected participants will be reimbursed to and fro travel fare as per their entitlement (maximum II-AC train fare). Food will be provided to all participants. Accommodation will be provided to all outstation participants.

In case of any problem while filling up the form, you can email us at: hbcsechemistryworkshops@gmail.com