

TIFR (Mumbai, India) seeks outstanding chemists to join its faculty

The Tata Institute of Fundamental Research (TIFR) at Mumbai is India's premier academic institution (<https://www.tifr.res.in>) dedicated to research in basic sciences. TIFR has a unique collaboration-friendly research environment which places scientists of all disciplines under one roof. The institute has served as the cradle of fundamental science in modern India, and has a rich history of achievements in both fundamental and applied research at the scientific frontiers.

The Department of Chemical Sciences at TIFR (<https://www.tifr.res.in/~dcs/>) invites outstanding candidates for tenure-track faculty positions in chemistry. TIFR will be the appropriate abode for those seeking a progressive, supportive, non-hierarchical and internationally competitive research environment. Exceptional candidates in any area of chemistry will be considered however, there will be a preference for the following research areas:

1. **Chemical Biology and Health** [Chemical synthetic biology with a focus towards living devices/expanding the genetic code/synthetic life, Bio-orthogonal chemistry and synthetic methodologies for infectious diseases, Biophysics related to diseases]
2. **Energy and Environmental Chemistry** [Catalysis and materials tackling climate change, Surfaces & interfacial spectroscopy, Imaging techniques to probe surfaces and buried interfaces]
3. **Chemistry in Quantum Technologies** [Theoretical/Computational material science, Quantum computing]
4. **Programs in Advanced Spectroscopy and development of new techniques** [TEM for structure determination and materials characterization, 3D-Correlative microscopy, Solid state NMR spectroscopy, Optical spectroscopy and high resolution imaging]

Applicants with a strong academic profile (Ph.D. plus a few years of post-doctoral experience), good publication record, and with an inclination towards collaborative/interdisciplinary research are encouraged to apply. Successful candidates will be expected to implement a clearly defined research plan (as outlined in a detailed research proposal) and establish independent research groups. They will have access to an internationally competitive start-up package, continuing intramural support and graduate students from one of India's finest Ph.D. programs.

Interested individuals should send the following documents (in one combined file in the PDF format): cover letter, curriculum vitae, list of referees, detailed research proposal (5-6 pages) and copies of three selected publications. These documents should be sent to the email ID: dcs@tifr.res.in with the subject heading, "Application for a faculty position".

If you are looking for an outstanding academic career in India, TIFR-Mumbai is the place to be!