



टाटा मूलभूत अनुसंधान संस्थान
TATA INSTITUTE OF FUNDAMENTAL RESEARCH

1. होमी भाभा रोड, कुलाबा, मुंबई – 400005

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भारत सरकार के परमाणु ऊर्जा विभाग की स्वायत्त संस्था एवं समविश्वविद्यालय
An Autonomous Institution of the Department of Atomic Energy of
Government of India and a Deemed to be University

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Applications are invited for one post of **Project Associate-I** to work in the ANRF sponsored research project titled: **“Real-Time Terahertz Diagnostics and Water Management in Modified Nafion Membranes for Enhanced Durability and Power Output in Prototype Hydrogen Fuel Cells”** under the supervision of (PI: Prof. Shriganesh S. Prabhu) in the **Department of Condensed Matter Physics & Materials Science, TIFR, Mumbai.**

Post	Qualification	Job Requirement	Age Limit and Fellowship	Nature & Period of Post
Project Associate - I	Essential: (No PhD degree holders). M.Sc. in Physics OR B.E. / B.Tech / M.Tech in Mechanical / Materials / Nanotechnology. Candidates having knowledge, experience in hydrogen fuel cells, THz spectroscopy, nanomaterials, membranes, catalysts, and electrochemical characterization will be essential.	The selected candidate will work on hydrogen fuel cell research involving modified Nafion membranes, THz diagnostics, membrane fabrication, catalyst studies, MEA preparation, fuel cell testing, and materials characterization. The work will involve experimental research, data analysis, and preparation of technical reports/publications.	Age: Below 27 years as on closing date of application. Fellowship: ₹37,000/- per month + 30% HRA (as admissible).	Appointment is temporary and initially for one year, extendable up to the duration of the project based on satisfactory performance. The position is purely temporary and co-terminus with the project. The candidate will not have any claim for permanent absorption at TIFR.

Please apply in the following format:

1. Name
2. Date of Birth
3. Present affiliation and occupation
4. Address for correspondence & Mobile No.
5. Email ID
6. Educational Qualifications

Degree / Test	Year	University / Agency	Subjects	Marks Obtained / Rank / Score	Remarks
S.S.C.					
H.S.C.					
B.Sc. / B.E.					
M.Sc. / M.Tech.					

7. Research / Industrial Experience (if any)
8. Names and contact details of two referees

LAST DATE FOR RECEIPT OF APPLICATIONS: 30 JUNE 2026

Interested candidates should send their application along with CV and supporting documents by email to recruitment@tifr.res.in with subject line as "Application for Project Associate - I position (Name of Candidate)".