

Indian Institute of Technology Gandhinagar

India – 382355

Advertisement

Applications are invited for the position of **Post-Doctoral Fellow** per the details given below:

Name of the project & Duration Of the Project	Post details: No. of Posts	Name of Project Investigator E-mail ID
Field-Deployable Sensor-Harvesters for Recycling Rare Earth Elements Tenable Till: March 31, 2027	Post-Doctoral Fellow: 1	Prof. Bhaskar Datta Professor bdatta@iitgn.ac.in

Qualifications: Ph.D. in any area of Chemistry/Polymer Sciences with the requisite skill and knowledge as detailed below may apply.

Emoluments: Consolidated monthly salary in the range of Rs. 1,00,000 /- per month.

Desired Experience and Expertise: (A) Candidate should have demonstrable expertise in synthesis and development of polymer hydrogels, polymer composites, biopolymer-synthetic polymer composites, (B) Candidates should possess requisite knowledge of high-end instrumentation that is necessary for characterization of small organic molecules and polymeric materials, (C) Candidates should have expertise in development of chemical/polymeric sensors for environmentally relevant analytes including but not limited to critical minerals such as rare earth elements, (D) The experience and expertise of the candidate in (A) – (C) should be evident from their record of publications. (E) Candidates should have strong written skills and should be adept at writing manuscripts and grant proposals. (F) Candidates should be capable of guiding research scholars at pre-doctoral level in aligned projects.

HOW TO APPLY:

Prospective candidates should apply via email directly to Prof. Bhaskar Datta (bdatta@iitgn.ac.in).

Subject of email should be: Application for Post-Doctoral Fellow with Prof. Bhaskar Datta

The following must be included in the application:

- (1) Detailed resume
- (2) Description of specific areas of expertise and alignment with the project requirements as per (A) - (E) above.
- (3) PDFs of 3 most relevant recent publications.
- (4) A short statement of purpose (400 – 500 words) on career goals and aspirations.
- (5) Names and emails of 3 references who can be contacted.

Only shortlisted candidates will be invited for online interviews. No TA/DA will be payable for interviews.

Last date for receipt of applications: **February 10th, 2026.**