

# INDIAN INSTITUTE OF TECHNOLOGY (IIT), GANDHINAGAR

**\*\*\*\*\* (Position for Post-doctoral fellowship & JRF) \*\*\*\*\***

Applications are invited for the position of **2 Post-doctoral fellowship** and **2 JRF** in the discipline of Earth Science (IIT-Gn) under the following projects:

- 1) "Pilot scale in-situ application for arsenic and fluoride removal from the groundwater: A safe drinking water production perspective".
- 2) Micro-components quantification of end uses of water consumption in low income settings.

The desired qualifications are as follows

- **Broad Subject Area:** Nanotechnology, Biotechnology, Hydrogeochemistry, Treatment technology, Material science
- **Specialisation:** Arsenic, fluoride, isotope, metal removal, nanoscience and biotechnology, Questionnaires survey
- **Minimum Qualification:**
  - ❖ (i) PhD. in Earth Sciences / Environmental science/ Environmental engineering/ Nanotechnology /Biotechnology/ Civil Engineering and related area (**For Post-doctoral fellow**)
  - ❖ (ii) MTech. In Earth Sciences/ Environmental science/ Environmental engineering/ Nanotechnology/Biotechnology/ Civil Engineering and related area (**For JRF**)

Candidates with expertise and/or interest in nanotechnology, biotechnology, hydrogeochemistry, water quality, isotope, health implication due to contaminated water, low cost contaminant removal from the aqueous solution, chemical speciation modelling and lab-scale contaminant transport are encouraged to apply. The selected candidate is expected to carry out research in conjunction with Dr. Manish Kumar. At the same time, it is also expected that the candidate will contribute in other academic activities of the institute. **The position is for 1 year and may be extended for another year based on the availability of funding and performance.** The salary and other facilities will be in accordance to the norms of the institute. Dr. Manish Kumar is a faculty at the Earth Sciences Discipline, Indian Institute of Technology, Gandhinagar (IITGN), Gujarat. His research works are focused mainly in the area of hydrogeochemistry, contaminant transport and isotope fingerprinting. You can find the details of the Earth Sciences discipline at the following website: (<http://www.iitgn.ac.in/academics/es/>)

Candidates may apply via e-mail ([manish.kumar@iitgn.ac.in](mailto:manish.kumar@iitgn.ac.in)) with a single pdf attachment containing a copy of the filled application form, current CV with the list of publications, a one-page summary of doctoral/master research and two-page future research proposal. Please also arrange for two letters of recommendation to be sent to the email address "[manish.kumar@iitgn.ac.in](mailto:manish.kumar@iitgn.ac.in)". (**No need to send any hard copy**). To receive full consideration, application and the letters of recommendation should be received by 21<sup>st</sup> September, 2018. Queries may be directed to Dr. Manish Kumar ([manish.kumar@iitgn.ac.in](mailto:manish.kumar@iitgn.ac.in)).

**Note: No TA/DA will be paid**

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