

JRF position in Computational Biology

Indian Institute of Technology Gandhinagar (IITGN) invites applications for a JRF position in genomics/computational biology for a research project funded by the Department of Biotechnology (DBT), Government of India

Job Description: The candidate will be required to develop a fully functional pipeline of computational tools to analyse genome-wide next generation sequencing data to investigate binding profiles of putative eukaryotic transposase proteins. He/she will also have the opportunity to develop laboratory skills (cell culture, making libraries, standard biochemical and molecular biology procedures). The candidate should be a highly motivated, continuous learner who is able to work independently.

Eligibility: Candidates must hold a 1st Class M.Sc/M.Tech/B.Tech. in Biology/Chemistry (with adequate background in bioinformatics, computational biology) or Mathematics/ Statistics/ Physics/ Computer Science (with adequate background in biology). Candidate should have valid CSIR NET / UGC or GATE or equivalent fellowship.

Duration: Initial appointment for one year, extendable up to 3 years based on performance

Remuneration: as per DBT norms

Preferred Skills:

Familiarity with the Unix/Linux operating systems, programming experience in shell scripts/C/C++/Java/R/Perl/Python languages as well as experience in using various bioinformatics software tools (e.g. BOWTIE, BWA, MACS, GeneTrack, HOMER, MEME).

Application Procedure: Candidates must send their applications **via e-mail** to Prof. Sharmistha Majumdar (sharmistham@iitgn.ac.in). The following documents must be sent as a **single pdf attachment** to the email:

1. Current CV with list of publications
3. A one-page summary of previous research/work experience
4. A brief note about why you want to take up this JRF position

The applications will continue to be screened until the position is filled.

Queries may be directed to Prof. Sharmistha Majumdar.