

Project Research Scientist - II and Project Research Scientist - I - funded by ICMR and National OneHealth Mission (Job Code – 39)

(All applicants must list Job code number in their application to be considered)

TIGS is a program driven research institute with a focus on solving pressing societal challenges. We are seeking applications from enthusiastic candidates to join as Project Staff in **ICMR - NOHM funded project** titled **“Establishing a Metagenomic NGS Surveillance Model Utilizing a Syndromic Approach in India”**

Website: www.tigs.res.in

Total number of positions: 2

Job Location: National Institute of Virology (NIV), Pune

Duration: Initially for one year. Extended up to 2 years

- If you are interested in applying for the above research position, please submit Cover letter with CV, list of publications if any and with email, phone number and contact details of **2 referees at jobs@tigs.res.in**

(All applicants must list Job code i.e., 39(A) for Project Research Scientist - II & 39 (B) for Project Research Scientist - I position, in their application to be considered)

Application Deadline: August 10, 2026

Name of the Post/ Designation	Project Research Scientist - II (Non-Medical) (equivalent to Project Scientist - C (Non-Medical))
Number of Posts	01
Age Limit & Location	40 Years & NIV Pune
Emoluments	Rs. 67,000/- p.m. + HRA (As admissible)
Essential Qualification	Post graduate degree including integrated PG degrees (Computer Science/ Computer Application/ Bioinformatics/ Data Science) with three years post qualification experience or Ph.D. in relevant/ related subjects stated above <i>For Engineering:</i> Four-year Graduate degree (Computer Engg./ Information Technology / Computer Science/ Bioinformatics/ Data Science/ HPC/ Cloud Computing) with three years post qualification experience
Desirable Qualification & Experience	1. Knowledge of LINUX/ UNIX, CONDA & DOCKER environment 2. Experience in scripting languages (PERL/PYTHON/R/SLURM etc.) & Git version control 3. Experience in High Performance Computing (HPC) Management/ system administration including Cluster installation, cluster configuration and maintenance, storage/ partition/ security protocols, networking & server monitoring, work flow management etc. 4. Experience in handling and analysis of Next-Generation Sequencing data and software tools 5. Experience in conceptualizing and executing collaborative/independent research projects.
Roles & responsibilities	The selected candidate will be expected to perform the roles & responsibilities of a HPC System Administrator, develop necessary codes/ pipelines for running Next-Generation Sequencing (NGS) applications including metagenomics analysis etc. They will also be responsible for systematic research data management and preparation of reports/ manuscripts.

Name of the Post/ Designation	Project Research Scientist - I (Non-Medical) (equivalent to Project Scientist - B (Non-Medical))
Number of Posts	01
Age Limit & Location	35 Years & NIV Pune
Emoluments	Rs. 56,000/- p.m. + HRA (As admissible)
Essential Qualification	Post graduate degree including integrated PG degrees (Bioinformatics/ Data Science/ Computer Application/Computer Science) <i>For Engineering:</i> Four-year Graduate degree (Bioinformatics/ Data Science/ HPC/ Cloud Computing/ Computer Engg./ Information Technology / Computer Science)
Desirable Qualification & Experience	1. Experience in handling Bioinformatics tools, Next-Generation Sequencing data including metagenomics data analysis 2. Knowledge of scripting languages (PERL/ PYTHON/ R etc.) 3. Knowledge of LINUX/ UNIX, SLURM, CONDA & DOCKER environment
Roles & responsibilities	The selected candidate will be expected to do extensive metagenomics data analyses, interpret results, prepare necessary presentations for demonstrating the findings, preparation of reports/ manuscripts etc.