

Job Opening for Research Assistant (Job Code – 22)

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

TIGS, founded in 2017, is a non-profit research institute that aspires to develop solutions to challenges in human health and agriculture. TIGS is a unique initiative to support applications of cutting-edge science and technology in genetics and genomics to solve societal problems of the country. The most significant challenges that impede the achievement of health equity and nutrition security for all of India's population require systematic evidence-based scientific advancements and technological solutions. Research programs at TIGS are focused on three broad areas: Infectious Diseases, Rare Genetic Disorders, and Crop Improvement.

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 Research Assistant in **Rare Genetic Disorder Program**.

Website: www.tigs.res.in

Number of positions: 01

Roles and Responsibilities:

Research Assistant (JC - 22): Selected candidate is expected to

- Execute research studies that contribute to the diagnosis of neurological rare genetic disorders
- The work involves working closely with the hospital teams, acquire and process patient samples, storage and documentation
- Expected to contribute to the ongoing development of LC-MS/MS based diagnostic protocols and workflow
- Maintain accurate record books of protocols, experiments, and results
- Expected to have problem-solving skills, work both independently and collaboratively with the team

Essential Qualifications/Requirements:

- MSc in Human Genetics, Bioinformatics, Clinical biochemistry, Medical Biochemistry or equivalent.

Desirable Qualifications:

- Preference will be given to candidates with experience in using LC-MS/MS, HPLC in an industry or academic organization. NGS-based wet lab processes, bioinformatics pipeline development to process and analyse data.

Essential Skills required:

- Basic understanding of neurobiology and genetic disorders, biochemical techniques, good writing and communication skills

Duration: Initially for **one** year.

If you are a dedicated researcher with a passion to transform your research to clinical applications and excited to work in close collaboration with hospital teams, we encourage you to apply for the above research position and become part of our research team. Please send the following documents, with a clear reference to the job number listed above & to the following email address: **jobs@tigs.res.in**

- Cover letter with CV mentioning email, phone number and contact details of **2 referees**
- Research interests and statement of purpose for this position (**one-page max**)

Please note, emails with only attached CV will NOT be considered. (Applicants must list Job no JC - 22 in their application to be considered).

Application Deadline: August 7, 2024