

Job Opening for Research Associate (Job Code – 37)

(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 Associate in Rare Genetic Disorders Program**.

Website: www.tigs.res.in

Number of positions: 01

Roles and Responsibilities:

Research Associate (JC – 37):

The Research Associate will lead the operation, maintenance, troubleshooting, and management of LC-MS/MS system for clinical diagnostics.

Key Responsibilities

- Oversee the overall operational issues of mass spectrometry instrument
- Perform routine preventive maintenance of mass spectrometry instruments
- Monitor and document instrument performance, calibration etc from time to time
- Candidates having experience in LC-MS/MS method development will be preferred for the position and will additionally contribute to development, optimization, and troubleshooting of analytical methods.

Essential Qualifications

- PhD Analytical Chemistry / Instrumentation / Clinical Biochemistry / Pharmaceutical Sciences or related discipline

or

MSc/MTech (With *Significant experience may also be considered*)

Desirable Experience

- 3-5 years of experience handling LC-MS/MS instrument in an industry or academic organisation
- Good knowledge of both hardware and software of LC-MS instrumentation
- Proven track record in analytical method development, optimization and troubleshooting LC-MS/MS platforms
- Knowledge of analytical laboratory safety practices and documentation
- Good communication and presentation skills

Duration: Initially for **one** year.

We invite motivated and technically skilled candidates to apply for the position. This position offers an opportunity to work closely with scientists and contribute to the development and expansion of LC-MS/MS-based diagnostics and research capabilities at TIGS. Please send the following documents as a single PDF, with a clear reference to the job number listed above & to the following email address: **jobs@tigs.res.in**

- A 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**)

Note: Applications submitted without the above-mentioned documents will not be considered.

Candidates who do not possess prior hands-on experience or demonstrated technical proficiency in LC-MS/MS operations are requested not to apply.

(Applicants must list Job code i.e JC - 37 in their application to be considered)

Application Deadline: June 20, 2026