Job Opening for <u>**Research Assistant/Associate**</u> **(Job Code – 28)**

(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 an enthusiastic candidate to join as **Research Assistant/Associate** to join us to develop an automated system for surveillance of mosquito larvae through crowd-sourcing. If you're passionate about making a difference in public health and want to be part of a cutting-edge project that combines technology and citizen science, we want to hear from you! Join us in our mission to create a more effective, accessible, and high-resolution mosquito surveillance system that can have a real impact on public health worldwide.

Website: www.tigs.res.in

Roles and Responsibilities:

You will use Computer Vision and Machine Learning techniques to identify and track mosquito larvae from video recordings. You will train artificial neural network models and use them along with other computer vision techniques to identify and track individual larvae and analyse the data to answer scientific questions. You will also collaborate with a software developer to set up a pipeline for automating the process of identifying and tracking larvae from video data.

Key skills: Python, Machine Learning, Convolutional Neural Networks, Computer Vision, Data Analysis

Number of positions: 01

Essential Qualifications/Requirements:

- Bachelor's Degree or higher

Duration: Initially for one year.

If you are interested in applying for the above research position, please send the following documents, with a clear reference to the job number listed above & to the following email address: **jobs@tigs.res.in**

- A cover letter explaining your interest in the project (**one-page max**).
- CV with email, phone number and contact details of three referees.

Applicants must list Job no <u>**JC – 28**</u> **in their application to be considered.**

Application Deadline: <u>**20th July, 2025**</u>