

## **Advertisement**

Applications are invited from bright, young and qualified candidates for the Project entitled “Development of Egress Models for Metro Station in India”.

**Name of the post:** Post-Doctoral Fellow

**Duration:** 1 Year extendable to one more year based on performance.

**Remuneration:** INR 50,000/- per month plus HRA (if on campus accommodation is not available)

**Qualification:** Doctoral degree in relevant area obtained within the last three years. Those who have submitted their theses can also apply.

**Job Description:** The successful candidate will plan and carry out computer simulations of fire, smoke and egress modeling in different scenarios, especially for metro stations considering inputs from relevant stakeholders and building codes of different countries. Knowledge of Fire Dynamics Simulator (FDS) software along with Smokeview is a must. Excellent understanding of thermodynamics, fire behavior and computational fluid dynamics is expected. Demonstrated capability of using FDS is required; use of parallel computing resources for large-scale FDS simulations is desired.

**Application Procedure:** Interested candidates are requested to apply online through the following link: [Online Form](#)

Deadline of submission of application is **20 March 2023**, or until the position is filled. The selection will be based on the online interview and the shortlisted candidates will be intimated regarding the date and time of the interview via email.

For any queries, contact Dr. Gaurav Srivastava via email - [gauravs@iitgn.ac.in](mailto:gauravs@iitgn.ac.in)