Thapar Institute of Engineering and Technology, Patiala
(Deemed-to-be-University u/s 3 of the UGC Act, 1956)

CIVIL ENGINEERING DEPARTMENT

August 01, 2024

ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW IN SERB-POWER SPONSORED PROJECT

Sanctioned File No: SERB/SPG/2022/002716

Project Title: A Low Cost Seismic Vibration Control Mechanism for RC Buildings using Compliant Tuned Liquid Dampers

Position: Project Associate-I (JRF)

Duration: One Year

Stipend: Consolidated Rs. 31,000 per month + HRA as per norms for candidate with GATE.

Consolidated Rs. 25,000 per month + HRA as per norms for candidate without GATE.

About the project: The project aims to develop a seismic vibration control mechanism using the tuned liquid dampers and optimise its parameters for mid-rise reinforced concrete (RC) buildings. The main idea is to cater to the need of efficient seismic damage control of these buildings based on low-cost technique.

Qualifications:

Essential: First class degree in M.E./M.Tech. in Civil/Structural/Earthquake Engineering or equivalent. Candidate with qualified GATE score in the relevant area are preferable.

Desirable: The candidate should possess a good knowledge of structural dynamics and seismic resistant design. Additionally, candidates with good exposure to seismic vibration control are highly encouraged to apply.

Last date of application: 15th August, 2024.

How to Apply:

1. Interested candidates are requested to submit a detailed CV through email (with the subject as "Project Vacancy to SERB-POWER Project") to the PI (trishna.choudhury@thapar.edu) and Co-PI (dkp.nita@gmail.com) on or before the last date.
2. Shortlisted candidates will be intimated for the online interview by email only.
3. The candidate selected for the above positions may also get enrolled for Ph.D. degree simultaneously as per the Institute norms.
4. The other norms such as age, stipend and essentials are available on SERB/ANRF portal.
5. In case of any query related to above project, kindly email to Dr. Trishna Choudhury.

Dr Trishna Choudhury (PI)
Civil Engineering
Thapar Institute of Engineering and Technology, Patiala, Punjab
Email: trishna.choudhury@thapar.edu

Dr Dhirendra K. Pandey (Co-PI)
Civil Engineering
National Institute of Technology, Agartala, Tripura
Email: dkp.nita@gmail.com