NATIONAL INSTIUTE OF TECHNOLOGY: TIRUCHIRAPPALLI- 620 015.

DEPARTMENT OF CIVIL ENGINEERING

ADVERTISEMENT FOR RECRUITMENT OF JUNIOR RESEARCH FELLOWSHIP (JRF)/PROJECT ASSOCIATE-I/ PROJECT ASSOCIATE-II

Ref No: **657/23-24/SERB/CIV/KB1** 07.06.2024

Applications are invited from Indian Nationals only for Junior Research Fellow (JRF)/PA-1/PA-II position as per the details given below, (for SERB-CRG project - CRG/2023/005841), under the Principal Investigator **Dr. K. Baskar**, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirapalli-15, Tamil Nadu.

1.	Title of the Project	Study on the Behaviour of Double-Skinned Steel-Concrete Composite Panel (DSCP) under Bullet Impact towards developing safety shelters for Military Personnel
2.	Funding Agency for the Project Specimen	Science & Engineering Research Board (SERB) - CRG
3.	Project Positions and Number	Junior Research Fellow (JRF)/Project Associate-I/Project Associate-II (Vacancy -1)
4.	Qualifications	**Essential Qualification:** B. Tech / B.E. in Civil Engineering & M. Tech / M.E. in Structural Engineering qualified in first class from AICTE/MHRD recognized Institute / University; Age < 35 years **Desirable qualification:** GATE Score (Civil Engineering), qualified at least once, validity not required; Fresh post-graduates who have hands-on in softwares like ABAQUS, ANSYS, AutoCAD, Staad.Pro, ETABs are also encouraged to apply

5.	Emoluments	**For GATE qualified – (JRF)**
		     Rs. 31,000 +16%HRA per month for the first 2 years.
		     Rs. 35,000 +16% HRA per month for the 3rd year.
		 For Non-GATE – (PA-I)
		     Rs. 25,000 +16% HRA per month for the first 2 years.
		     Rs. 28,000 +16% HRA per month for the 3rd year.
		 For Non-GATE +2 years Research Experience –(PA-II)
		     Rs. 28,000 +16% HRA per month for the first 2 years.
		     Rs. 31,000 +16%HRA per month for the 3rd year.

6.	Duration	One year, extendable upto 3 years or till the project duration whichever is earlier.

7.	Job Description	**Junior Research Fellow (JRF)/Project Associate-I/Project Associate-II**
		• To execute the research work detailed in the entitled project- experimental and numerical works.
		• Compilation of the outcomes of the results.
		• Report Preparation.
		• The selected candidates will be permitted to register for the Ph.D. program as per NITT rules and regulations.

General Instructions:

1. Before appearing for the interview, the candidates shall ensure that they are eligible for the position they intend to apply.

2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the Office of the Project Investigator through Registered/ Post.

3. Application should be furnished only in the prescribed format.

4. Experience includes research, industrial field and others.

5. Attested copies of degree/ certificate and experience certificate

6. Candidates shall bring along with them the original certificates at the time of interview for verification.

7. Please note that **no TA/DA** is admissible for attending the interview. The decision of the selection committee is final and binding.

8. Only shortlisted candidates will be informed by e-mail/Mobile, and no separate call letterwill be issued for the same.

9. **The last date and time of submission of duly filled in application is 30th June 2024 at 05.00 p.m.**

10. Eligible and interested candidates may send their applications on prescribed format along with Bio-Data and supporting documents by post/courier to **Dr. K. Baskar, Professor & Dean(P&D), Department of Civil Engineering, National Institute of Technology, Tiruchirappalli – 620 015** with the subject marked as **"JRF/SERB-CRG/2022/005841"**.

11. Candidate should submit in case of his/her selection. the following documents in original along with a set of self-attested copies of the originals; otherwise, the candidature will not be considered for the further selection process.

    a. 10th and 12th Mark sheets

    b. Degree Mark Sheet (both UG and PG)

    c. Degree Certificates (both UG and PG)

    d. GATE Score Card

    e. Documentary evidence for experience, it any

    f. ID Proof (Aadhaar Card / Passport)

    g. Supporting documents for your claims in the application.

(Dr. K. Baskar)
Professor/ Project Investigtor(PI)