Sardar Vallabhbhai National Institute of Technology, Surat

Department of Civil Engineering

ADVERTISEMENT FOR WALK IN INTERVIEW

No. DoCE/JRF/Advertisement/ 2849 /2025-26 Date: 09/09/2025

Department of Civil Engineering is carrying out an externally funded research project, titled "***Calculating Compressive Strength and Permeability of Concrete through its Microstructural Features***" sponsored by NBCC Limited. As per the requirement of this project, it is proposed to employ a **Junior Research Fellow (JRF)** on a purely temporary contract basis for a period of ***'01 Year' (Extended up to completion of the project)***. The qualification of the candidate should be as per the following requirement.

Sr. No	Designation	No. of Post	Qualification	Research Fellowship to NET/GATE candidates per Month
1.	Junior Research Fellow (JRF)	01	• First Class M.E./M. Tech in Structural Engineering or its allied branches with B.Tech. in Civil Engineering or its allied branches. • The candidate has qualified for GATE at least once in their academic career.	Rs. 37,000 + 12% HRA, and after two years, it will be revised to Rs. 42,000 + 12% HRA.

Interested candidates are requested to remain present at their own cost with application on plain paper (with two Passport size photographs), Curriculum Vitae, original certificates of educational qualifications and experience, certificate for proof of birth date, Identity Proof and one set of photocopies (self-attested) of the documents on 24/09/2025 between 10:00 AM to 11:00 AM in the Seminar Room of Department of Civil Engineering (Wing-A) building at SVNIT Campus.

9/9/2025

(Dr. B. Kondraivendhan)
Associate Professor & Principal Investigator

Head of the Department, DoCE

Research Project Details:

1. To determine the pore size distribution parameter, such as ro.5, dispersion coefficient (d), and permeable porosity (p) for different grades of concrete.

2. To establish the relation between the compressive strength of concrete and the pore size distribution parameter as a function of w/c ratio and curing ages.

3. To establish the relationship between the permeability of concrete and the pore size distribution parameter as a function of w/c ratio and curing ages.

9/9/2025