

Sardar Vallabhbhai National Institute of Technology, Surat

Department of Civil Engineering

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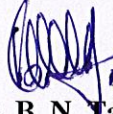
No. DoCE/JRF/Advertisement/ **1192** /2025-26

Date: 13/06/2025

Department of Civil Engineering is carrying out an externally funded research project, titled "**Development of noise prediction model and mitigation strategies for highway passing through residential areas using natural vegetation barrier**" sponsored by Gujarat Council on Science and Technology (Department of Science and Technology, Govt. of Gujarat). As per the requirement of this project, it is proposed to employ a **Junior Research Fellow (JRF)** on purely temporary contract basis for a period of '**01 Year**'. 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 | Research Fellowship to non NET/GATE candidates per Month |
|--------|------------------------------|-------------|---|--|--|
| 1. | Junior Research Fellow (JRF) | 01 | M.E./M. Tech.(Environmental Engineering / Environmental Science / Transportation Planning / Transportation Engineering/ Highway Engineering / Urban Planning / Town Planning) | Rs.25,000/- + H.R.A. | Rs.18,720/- |

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 24-06-2025 between 09:30 AM to 10:30 AM in the Seminar Room of Department of Civil Engineering (Wing-A) building at SVNIT Campus.


(Dr. B. N. Tandel)

Associate Professor & Principal Investigator





Head of the Department, DoCE

13/6/25
विभागाध्यक्ष/Head
सिविल इंजीनियरिंग विभाग
Department of Civil Engineering
स.व.रा.प्रौ.सं., सूरत /S.V.N.I.T., Surat

Research Project Details:

1. To assess the factual status of various highways that will involve an examination of multiple factors, including traffic noise conditions and the current state of vegetation along these roadways.
2. Conduct a thorough evaluation of internationally recognized highway noise prediction models and determine the most suitable one for Indian highway conditions.
3. To develop a noise forecasting model for highways that passes through residential zones by considering the NHAI's Green Highway project initiated by the Government of India
4. To recommend prospective noise reduction policies to Indian highway conditions, incorporating diverse natural vegetation species and an advanced noise prediction model.


13/06/25

सह-प्राध्यापक/Associate Professor
सिविल इंजीनियरिंग विभाग
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