



Date: 14.06.2024

CALL FOR JUNIOR RESEARCH FELLOW (JRF) FOR A MoRTH SPONSORED PROJECT

Applications are invited for the position of a Junior Research Fellow (JRF) to work on a project sponsored by the **Ministry of Roads Transport and Highways (MoRTH), Government of India**, under the supervision of Prof. Sridhar Raju and Prof. Akshay Gundla, Department of Civil Engineering, BITS-Pilani, Hyderabad Campus.

About the project: The project deals with developing a **Deterioration Model for Top-Down Cracking in Bituminous Pavements**. It is a subset of a larger project focused on **Developing Damage Prediction Based Mechanistic-Empirical Design Guidelines for Bituminous Pavements** in India. It is a project of national importance involving pavement instrumentation for assessing pavement performance. The outcome of this project will pave the way for the revision of Guidelines for the design of flexible pavements in India (IRC:37-2018). This will align with the AASHTO Mechanistic-Empirical Pavement Design Guidelines (MEPDG).

Duration of the project: 3.0 years

Fellowship amount: Rs. 40,000 per month (Consolidated)

Eligibility requirements: B.E/B.Tech in Civil Engineering and First Class in M.E/M.Tech in Transportation or Highway Engineering.

Application Procedure: Interested candidates with the qualifications mentioned above can apply by sending their CV latest by June 28, 2024 to sridhar.raju@hyderabad.bits-pilani.ac.in with the words "**Application for JRF**" in the subject. Qualified candidates will be interviewed on July 1, 2024. Selected candidate may be permitted to register for the Ph.D. programme of BITS-Pilani, Hyderabad Campus.

Prof. Sridhar Raju (PI)
Professor
Department of Civil Engineering

Prof. Akshay Gundla (Co-PI)
Assistant Professor
Department of Civil Engineering

