



Advertisement for Project Associate (JRF)/ Project Scientist in DST Project

Date: 8th February 2018

Walk in Interview for the post of Project Associate (JRF) in the DST funded project at IIT Mandi.

Title of Research Project: *Suitability of higher modeling approach for reactive solute transport through heterogeneous porous medium: experimental and numerical study.*

Detail regarding project: This project aims to identify the suitable model to simulate the experimental data filtered through heterogeneous porous medium. The study will be helpful in proposing the most suitable model, for similar transport conditions. In addition, it is a novel approach in which comprehensive evaluation of four different models will be implemented, and it will lead to conclude whether complex or basic modelling approach should be employed. This project also focuses on developing a high-resolution comprehensive data set of reactive, non-reactive and heavy metals chemical transport through heterogeneous porous mediums for wider pecllet number range. Two types of heterogeneous porous medium will be considered, stratified porous medium, which is an elementary heterogeneity, and heterogeneous soil column, which mimics the field conditions to those, found in natural soil.

Joining date: As Soon As Possible

Principal Investigator: Dr D. Swami (PI), School of Engineering, IIT Mandi

Position: Project Associate (JRF)/ Project Scientist/ Project Engineer

Salary: INR 20,000/- to 25,000/-

Duration: Till July 2020

Minimum Qualification:

M.Tech./M.E./M.S in Water Resources/ Groundwater/ Hydraulics/ other related subjects/ or equivalent. GATE qualification is mandatory for JRF positions.

Desirables: Good programming skills (Preferably Fortran); Good command over English language and technical writing in English.

Age Limit: The upper age limit for JRF shall be 28 years. Age relaxation: upper age limit is relax up to 5 years for SC/ST/OBC/Women and physically handicapped candidates.

Date of Walk in Interview: February 16, 2017

No TA/DA will be paid for attending the interview. In future, JRF may get PhD admission in fulfilling admission criteria of IIT Mandi. However, PhD position is not guaranteed.

Note: Interested and eligible candidates are encouraged to first send their CV to deepak@iitmandi.ac.in and may contact on 08628039502.