

बसु बिज्ञान मन्दिर
BOSE INSTITUTE

(भारत सरकार के विज्ञान और प्रौद्योगिकी
मंत्रालय द्वारा वित्तपोषित सोसाइटी)

(A Society for Scientific Research financed by
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ADVT. No. S/PHY/08/2014-15

Bose Institute, Kolkata, invites applications from Indian Citizens for **two (02)** temporary positions of **Junior Research Fellow** in the MoES (Ministry of Earth Science) sponsored project entitled, “**Study on Biosphere-Atmosphere Exchange of Carbon dioxide, Water Vapor and Energy in a Tropical High Altitude Forest Canopy at Eastern Himalaya**”, under Dr. Abhijit Chatterjee, Principal Investigator, Environmental Science Section, Kolkata and National Facility on Astroparticle Physics and Space Science, Darjeeling and the positions are co-terminus with the project. Details of qualification, fellowship, age etc. are as follows:

Essential Qualification: M.Sc. degree in Atmospheric Science / Environmental Science / Chemistry / Physics from a recognized University with CSIR-UGC-NET-JRF or CSIR-UGC-NET-LS / GATE qualification.

Fellowship : Rs.16,000/- p.m., plus admissible H.R.A. and Medical benefit for CSIR-UGC NET-JRF

Rs.12,000/- p.m., plus admissible H.R.A. and Medical benefit for CSIR-UGC NET-LS/GATE

Age : Below 28 years (relaxable in case of SC/ST/OBC/WOMEN candidates only as per rule).

Nature of Study: The study will be carried out under the national network INDOFLUX based on the exchange of green house gas, Carbon-di-oxide, water vapour and energy between biosphere and atmosphere over a high-altitude Himalayan forest under Darjeeling forest division, West Bengal, India. A tall tower (~60m) has been erected in the forest where several sensors will be mounted at the several heights of the tower. The fluxes of gases and other parameters will be determined based on the Eddy Covariance method. The primary objective of the study is to investigate whether biosphere acts as net source or sink of Green House Gases.

Note: *JRF will be posted at Darjeeling Campus of Bose Institute*

Interested and eligible candidates may apply on plain paper quoting Advertisement No. and position on the envelop as well as application with complete Bio-data giving e-mail ID, Phone No. and details of qualification i.e. examination passed, year, division, percentage of marks, from Secondary onwards with attested copies of testimonials addressed to the **Registrar, Bose Institute, P-1/12, CIT Scheme VII-M, Kankurgachi, Kolkata-700054 on or before July 21, 2014.**

REGISTRAR