

बसु बिज्ञान मन्दिर  
**BOSE INSTITUTE**  
(भारत सरकार के विज्ञान और प्रौद्योगिकी  
मंत्रालय द्वारा वित्तपोषित सोसाइटी)  
(A Society for Scientific Research financed by  
the Ministry of Science & Technology, Govt. of India)

**ADVT. NO. : S/PHY/20/2013-14**

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 Prof. Sibaji Raha, Principal Coordinator, Department of Physics (CAPSS). The selected candidates for the above mentioned positions will be posted at **Darjeeling Campus of Bose Institute** and the positions are co-terminus with the project. Details of qualification, fellowship, age etc. are as follows :

**Essential Qualification** : 1<sup>st</sup> class 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 HRA and Medical benefit for CSIR-UGC NET-JRF  
Rs. 12,000/- p.m., plus admissible HRA 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 vapor and energy between biosphere and atmosphere over a high-altitude Himalayan forest under Darjeeling forest division. West Bengal, India. A tall tower (~60m) will be created 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.

Interested and eligible candidates should 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 **on or before August 30, 2013** addressed –

To  
**The Registrar**  
**Bose Institute,**  
**P-1/12, C.I.T. Scheme VII-M, Kankurgachi,**  
**Kolkata – 700 054**

**REGISTRAR**