

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/ESS/31/2014-15

Bose Institute, Kolkata, invites applications from Indian Citizens for **One (01)** temporary position of **Junior Research Fellow / Project Assistant** in the **SERB (DST)** sponsored "Ramanujan Fellowship" Scheme under Dr. Sanat Kumar Das, DST-Ramanujan Fellow, Environmental Science Section. The scheme is tenable upto 31.08.2018 and the position is co-terminus with the scheme. Details of qualification, fellowship, age etc. are as follows:

Essential Qualification:

For JRF : A good M.Sc. degree or M.Tech. degree in Physics/ Chemistry/ Mathematics / Computer Science or Atmospheric / Environmental related Sciences with CSIR-UGC-NET-JRF or CSIR-UGC-NET-LS / GATE qualification.

For Project Assistant : A good M.Sc. degree or M.Tech. degree in Physics/ Chemistry/Mathematics /Computer Science or Atmospheric / Environmental related Sciences.

Fellowship For JRF : Rs.16,000/- p.m., plus admissible H.R.A. and Medical benefit for M.Sc. with CSIR-UGC NET- JRF or M. Tech. with CSIR-UGC-NET-JRF/NET-LS/GATE.
OR

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

*** Revised fellowship will be applicable in due course as per DST guidelines**

Fellowship for Project Assistant : Rs. 10,000/- p.m. (consolidated)

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

Nature of Study:

Selected candidate will work on atmospheric modeling and Ground-based as well as Satellite based observations on recent climate change processes in the lower atmosphere. Candidate will be expected to be actively participated in the different field-campaigns like land-campaigns, ship cruise experiments and aircraft measurements. He/She has to involve in a group works with all our laboratory members and should have interested on carrying, installation and group observations in the fields and regular station measurements. Candidate will have to take care of very sophisticated atmospheric science related instruments. He/she should have good computational knowledge and have experience on windows and/ or Linux based computes. He/she will work on the models like radiative transfer model and WRF model etc. He/she should have experience with FORTRAN or equivalent computer programming. Candidates who are very good English (reading and writing) and also have experience on EXCEL, ORIGIN, SIGMAPLOT etc. will get advantage.

Note: Since main observation centre is at Darjeeling, JRF may have to occasionally visit and stay at Darjeeling.

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 **Sr. Prof. & In-Charge, Registrar's Office, Bose Institute, P-1/12, CIT Scheme VII-M, Kankurgachi, Kolkata-700054 on or before 5th March 2015.**

**Sr. Prof. & In-Charge,
Registrar's Office**