



Indian Institute of Science Education and Research Bhopal

Bhopal Bypass Road, Bhauri, Bhopal-462066, M.P., India

Advertisement for the post of Post-Doctoral Fellow (PDF) Project No. DST/EES/2016103

Date: 20.06.2017

Applications are invited from Indian nationals to work as 'Post-Doctoral Fellow' (PDF) in a research project entitled "High-resolution regional coupled atmosphere-ocean modeling system to assess climate change impacts over South-Asia: a novel approach" awarded by Department of Science and Technology, Govt. of India.

No. of position: 1 (One)

Name of position: Post-Doctoral Fellow (PDF)

Duration: For one year, extendable up to the duration of the project subject to satisfactory performance.

Location: Dr. Pankaj Kumar's group (Climate & Glacier Modelling Lab), EES Department, IISER Bhopal.

Areas of responsibilities:

1. Setup and evaluate coupled model over South Asia.
2. Conduct and evaluate selected frontier climate simulations.
3. Compile scientific and technical publications of the findings of the different areas in related international peer-reviewed research journals.

Profile of qualifications:

Essential:

1. A Ph.D. degree in Atmospheric Science, Geophysics, Environmental Science, Physics, Mathematics or Chemical, Environmental, Computer and Civil Engineering or any disciplines related to Environmental Science from a recognized University/Institution.
2. Good experience in the field of regional or global modelling of the climate or Earth system, preferably experience with limited-area climate models and their coupling with other earth system model components.

Desirable:

3. Familiarity with the analysis of data sets from climate models. Knowledge in appropriate programming languages such as FORTRAN, Python and R; shell scripting.
4. Working experience in Linux/Unix environments.
5. Excellent written and oral communication skills in English, as well as a record of peer reviewed publications in order to demonstrate the skill to publish the work in scientific journals.
6. Handling of a large volume of data and conversant with data format like NetCDF, HDF, GRIB etc. Ability to work in groups.

The Selected candidate has to work on the atmosphere-ocean coupled climate model system. PostDoc will take a lead under the supervision of Dr. Pankaj Kumar, PI of the project.

Salary: 40,000/- + 20% H.R.A. (Total monthly salary is 48,000/-)

Age Limit: Applicant should not have completed 35 years of age at the time of application.

Application procedure:

The application containing cover letter, detailed CV with recent photograph and name of two referees in a single pdf file should reach on or before **10th July, 2018** by e-mail only (E-mail: kumarp@iiserb.ac.in). Shortlisted candidates will be called for interview; **no TA/DA** will be paid for attending the same. The candidate selected will be required to join as early as possible. The suitable candidate may get relaxation from desirable qualifications.

Contact details:

Dr. Pankaj Kumar

Asst. Professor, EES Department,
Indian Institute of Science Education and Research Bhopal,
Bhauri, Bhopal-462066, M. P., India
E-mail: kumarp@iiserb.ac.in