

S. N. Bose National Centre for Basic Sciences

Block JD, Sector III, Salt Lake, Kolkata 700 098

Post Doctoral Research Associates (PDRAs)

The Centre

S. N. Bose National Centre for Basic Sciences (established in 1986 with a 15 acre green campus) is an autonomous institution funded by the Department of Science and Technology, Government of India. The Centre with a current strength of nearly 30 faculties, more than 15 post-doctoral research staff and about 130 Ph.D. students has research activities in focused areas. The Centre has four departments – the Department of Theoretical Sciences (QFT, Classical and Q Gravity, Black Holes, Equilibrium and Non-equilibrium Statistical Physics, Mathematical Physics), Department of Material Sciences (Experimental Material Science and Computation Material Science, Theoretical Condensed Matter Physics, Nanoscience), Department of Chemical, Biological and Macromolecular Sciences (Physical Chemistry, Biophysics, Chemical Physics, Spectroscopy, Mesoscopic Physics, Environment Chemistry), Department of Astrophysics and Cosmology (Astrophysical Black Hole, Astrochemistry, Cosmology, Ionospheric Physics). In addition, it has two research units, UNAST and AMRU. Please visit our website <http://bose.res.in/notices/pdra.pdf> for details.

About the candidates

The Centre is looking for persons possessing Doctorate (Ph.D. degree) (including those who recently submitted thesis or are about to submit thesis in next 3 months) for appointment as a PDRA in the Centre. In case a candidate who has submitted thesis is selected for PDRA, the evidence of Ph.D. degree obtained has to be submitted to the Centre within one year of joining.

The applicant prior to Ph.D. should have a first class, in B.Sc. and M.Sc. or equivalent examinations.

An applicant who has a recent Ph.D./submitted/about to submit thesis, must have at least three (3) publications in refereed journal of impact factor preferably greater than one (1) when the application is made.

For candidates who are having post-doctoral experience, the minimum number of publication should be five (5) in refereed journal of impact factor preferably greater than one (1).

The selected candidates will be strongly engaged to work independently. However, a member of the faculty will act as a mentor.

Age Limit

The upper age limit for award of PDRA shall be 35 years. The upper age limit is relaxable up to 5 years in the case of applicants belonging to scheduled caste/tribes, women, physically handicapped and OBC candidates.

(Contd)

How to Apply

Applications in plain paper with complete CV supported by all relevant documents pertaining to academic qualifications, a short statement of research interest and at least two (2) letters of reference can be sent by the applicant at postdocapply@bose.res.in. For applicants who are having post-doctoral experience should give names of at least three (3) references one of whom should be thesis supervisor and the other the supervisor of the first assignment.

The soft-copy should be followed by a hard copy.

Selection Procedure

The screening of applications for PDRA will be done twice a year in January and July.

The selection would be through assessment of academic achievements of the candidate and by interview by a Selection Committees constituted for the purpose. Second class AC rail fare is admissible to those applicants who are called for interview. The validity of the offer of award shall be six months from the date mentioned in the award letter. The recommendation of the Selection Committee as approved by the Director will be final.

Emoluments

The emoluments for PDRA's will be as per norms of the Department of Science and Technology, Government of India in the category of Research Associate-I, Research Associate-II and Research Associate-III and HRA as per Government of India rules as per table below:

Category	Revised consolidated emoluments per month (in Rs)
Research Associate-I	22,000 + 30% HRA
Research Associate-II	23,000 + 30% HRA
Research Associate-III	24,000 + 30% HRA

All fresh Ph.D.'s or those who have submitted will be placed as Research Associate-I. PDRA will be entitled to a contingency grant which will be fixed year to year basis. The contingency grant will be used for research purpose and research related domestic travel.

Tenure

Associateship will be tenable initially for a period of one year. It may be extended further for a period of one year based on satisfactory progress as assessed by a Committee.

Dean (Faculty)