



Indian Institute of Technology Indore

Khandwa Road, Simrol, Indore 453 552, Madhya Pradesh, India

Date: August 22, 2016

Advertisement for a Postdoctoral Position

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project "*Exploring the role of crystal-structure in governing the magnetic and dielectric properties of some multiferroic oxides*".

Brief Description of the project: The project is aimed at studying the role of crystal structure change and magnetic ordering on the dielectric properties of some perovskite oxides that are envisaged as potential multiferroic materials. Material preparation would involve both, solid state reaction method and thin film deposition using pulsed laser deposition method. Changes in local structure of the materials will be studied using EXAFS.

Eligibility: Ph.D in Condensed Matter Physics or Materials Science. Candidates who have defended his/her Ph.D. thesis, and have a valid proof to that effect, can apply.

Desirable: Candidates with very strong experimental background in thin-film preparation and thorough understanding of crystal structure and related measurement techniques like powder XRD, EXAFS and/or Raman Spectroscopy will be preferred.

Stipend:

Postdoctoral Fellow will be paid consolidated salary based on the following salary structure:

Category	Emoluments per month
Research Associate-I	Rs. 36,000/-
Research Associate-II	Rs. 38,000/-
Research Associate-III	Rs. 40,000/-

The category will be decided/ recommended by the selection committee based on the qualification and experience of the applicant.

Service conditions:

(i) **DA:** Postdoctoral Fellow will not be entitled to DA.

(ii) **House Rent Allowance (HRA):** All Postdoctoral Fellow may be provided accommodation based on availability and those residing in accommodation provided by the institute will not be eligible for drawing HRA. Wherever provision of hostel accommodation is not possible, HRA may be allowed to Postdoctoral Fellow as per Government norms applicable in the city/location where they are working. The fellowship amount may be taken as basic for calculating the HRA.

(iii) **Medical Benefits:** The Postdoctoral Fellow will be entitled for medical allowance as per the institute policy.

(iv) **Travel entitlement** for Postdoctoral Fellow for participation in scientific events/workshops in India will continue to be as per institute norms.

Duration: The appointment is for one year.

Interested candidates are requested to submit a detailed CV to *Dr. Preeti Bhobe*, via e-mail: pbhobe@iiti.ac.in by 30th August 2016.

Only shortlisted candidates will be intimated by email for an interview. No TA/DA will be paid for appearing in the interview.