



Indian Institute of Technology Indore

Simrol, Khandwa Road, Indore 453552

IIT
Indore

Dated: 4th November, 2016

Advertisement for a Postdoctoral Position

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project “*Designing of Molecular Electrocatalysts for CO₂ reduction/hydrogenation Reactions*”.

Density functional calculations will be carried out to design molecular electrocatalyst for CO₂ reduction reaction. The main objective of this project is to design transition metal based molecular catalysts which are active towards CO₂ reduction/hydrogenation reaction. A detailed mechanistic study will be performed to understand the most favorable reaction pathway for such reaction.

Eligibility: Ph.D. in *Computational/Theoretical Chemistry*. Please note that you should have defended your Ph.D. dissertation.

Stipend:

Postdoctoral Fellow will be paid consolidated salary based on the following salary structure of the DST for Research Associate.

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/Experience/Performance in the interview of the candidate.

Service conditions:

- DA: Postdoctoral Fellow will not be entitled to DA.
- 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 institute policy.

(iv) The 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. Biswarup Pathak** (Associate Professor in Chemistry) via e-mail: biswarup@iiti.ac.in by 20th November, 2016.

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