



Indian Institute of Technology Indore

Simrol, Indore 453552

Dated: September 25, 2019

Advertisement for a Postdoctoral Position

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project *Synthesis of new inorganic/organic composites for CO₂ sequestration and energy applications*.

The increasing burning of fossil fuels (Coal, Petroleum oil and Natural gas) is steadily escalating the CO₂ level, which is the primary anthropogenic greenhouse gas leading to serious environmental issues such as global warming. To mitigate the rampant CO₂ emission, it is imperative to address the issue not only by CO₂ sequestration but also by seeking other sustainable energy sources which are ecofriendly. Therefore, the present proposal aims to design new multifunctional materials which can capture and convert CO₂ to valuable feedstock and can also be employed as materials for clean energy generation and storage (solar cell, battery and supercapacitor).

Eligibility: Ph.D. in the area of Material Science. 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. 47,000/-
Research Associate-II	Rs. 49,000/-
Research Associate-III	Rs. 54,000/-

The category will be decided / recommended by the selection committee based on the qualification/Experience/Performance in the interview of the candidate.

Service conditions:

(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 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. Dharendra Kumar Rai** via e-mail: dkrai@iiti.ac.in by **October 13, 2019**.

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