



Indian Institute of Technology Indore

Simrol, Khandwa Road, Indore, 453552, India

IIT
Indore

Annexure A2

Dated: 11th November 2016

Advertisement for a Postdoctoral Position in Chemistry

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project “**Visible-Light Mediated Direct Functionalization of Heteroaromatic Compounds through C-H Activation**”.

Brief description of the project: The objectives that we intend to pursue will focus on the development of new modes of visible light-mediated photocatalytic (either metal or metal-free) reactive system which will be applicable for the synthesis of a wide range of functionalized heterocycles from easily available raw materials. Moreover, applied to drug synthesis, the power of photocatalysis lies in its ability to provide unique synthetic disconnections, offering more efficient routes or access to alternative substrates in a practical manner. Finally, synthesized compounds will be thoroughly screened for their biological activities to discover molecules with useful anti-cancer properties.

Eligibility: Ph.D. in *Synthetic Organic and Medicinal 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:

(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. Sampak Samanta**, via e-mail: sampaks@iiti.ac.in or sampak_sl@yahoo.com

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