



# Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान (भा.प्रौ.सं.) इंदौर

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IIT Indore

## Annexure A2

Dated: *January 17, 2020*

### Advertisement for a Postdoctoral Position

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project “*Design, synthesis of Metal-Organic Frameworks (MOFs), Covalent-Organic Frameworks (COFs) and their Composite Nanomaterials for possible applications*”.

The synthesis of metal-organic frameworks (MOFs), covalent-organic frameworks (COFs) has attracted huge attention during the last few decades due to the possibility to obtain a large variety of aesthetically interesting structures that could also be of great interest for applications in a number of fields related to porous materials. This includes the more traditional areas of storage, separation and catalysis, which are based on the pore size and shape as well as the host-guest interactions involved. In addition biomedical applications or the use as sensor materials are currently intensively investigated. Although MOF synthesis was originally set out for making new compounds and structures with interesting properties, the field has matured and is broadening its scope. This holds for the synthesis methods applied as well as the areas of application. This could be of interest for up-scaling of syntheses and the application of MOFs.

**Eligibility:** Ph.D. in *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. 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. Shaikh M.Mobin* via e-mail: [xray@iiti.ac.in](mailto:xray@iiti.ac.in) by January 26, 2020.

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