



# Indian Institute of Technology Indore

**IET Campus:** M-block, IET-DAVV Campus, Khandwa Road, Indore – 452 017 (MP)

**PACL Campus:** 113/2-B, Indore-Mhow Road, Indore 453 446 (MP)

**Simrol Campus:** Khandwa Road, Indore 452020 (MP)

IIT  
Indore

Dated: *March 29, 2016*

## Rolling Advertisement for a Postdoctoral Position

Applications are invited from motivated and eligible candidates for a postdoctoral position in the research project entitled “**Plasmonic based bio-chemical sensor**”.

*Brief Description: Design and fabrication of environment-friendly and cost-effective bio-chemical sensor by dual ion beam sputtering (DIBS) system. Novel nanostructured hybrid (organic-inorganic) materials on flexible substrates will be synthesized to detect hazardous gas molecules present in the environment and toxic molecules/compounds in water.*

**Eligibility:** Candidates should be an Indian citizen and must hold a recent PhD degree (or anticipating such a degree prior to starting of the postdoctoral position) in Electronics/Electrical Engineering/Physics/Materials Sciences/Chemistry or related areas. Candidate must have prior peer-reviewed international publications and be extremely hard working and motivated to pursue top-notch scientific work. Good communication skills are highly desirable for the postdoctoral position.

**Age:** As on August 30, 2016, the maximum age of candidate should be 32 years (to be relaxed by 5 years in case of persons with physical disability, SC, and ST and 3 years in case of OBC-NC)

**Note:** A mere fulfillment of the required minimum qualifications and/or experience does not entitle a candidate to be called for the presentation and/or interview. The Institute reserves the right to fill or not to fill the post advertised.

**Stipend:** Postdoctoral Fellow will be paid consolidated salary based on the following salary structure for the DST 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.

**Application Process:** Applications are invited throughout the year. Interested candidates should submit a detailed CV including List of Publications, Statement of Purpose and a write up of the proposed work to **Dr. Shaibal Mukherjee**, via email: [shaibal@iiti.ac.in](mailto:shaibal@iiti.ac.in).

**NOTE**

1. Please mention "**CV for Postdoctoral Position**" as the subject of the email. This advertisement is rolling and there is no deadline for the same.
2. Only shortlisted candidates will be intimated by email for presentation and interview. No TA/DA will be paid for attending the presentation and interview.
3. No communication regarding the reason for not obtaining an interview call letter or email will be entertained.
4. **Candidates with DST INSPIRE/equivalent fellowship will be given preference.**
5. Candidates are also welcome to independently think for cutting-edge research topics (not only limited to the advertised research topic), which can be executed at IIT Indore.