



ADVT. NO. : 02 / 2015

**Recruitment for the position of “Post - Doctoral Fellow”
under funded project**

Indian Institute of Science Education and ResearchPune is a premier autonomous Institution established by the Ministry of Human Resource Development, Government of India, for promotion of high quality science education and research in the country.

Institute invites applications from Indian nationals for the following position on contract basis:

Name of the post	Post – Doctoral Fellow
Project Code	30711045
Title of the Project	“Micro-cantilever based calorimetric biosensor for decentralized diagnostics and drug discovery using a novel detection mechanism”
Funding Agency	WellcomeTrust–DBT India Alliance.
Minimum prescribed educational Qualifications	Ph.D.
Preference	Expertise in functionalization of surfaces for biosensor applications will be given.
Job requirement	We have developed instrumentation for detecting enzyme-substrate reaction with a combination of micro-cantilever based and tuning-fork force sensing methodology. At this stage of the project we need to perform experiments on various enzyme-substrate pairs along with controls. Quantification of data in terms of minimum detectable substrate concentration is focus of this work. We are in a need of a post-doctoral fellow trained in biochemistry of enzyme-substrate reactions, preferably having work experience in the area of biosensors that employ conventional transduction methods. We wish to combine his/her knowledge of enzyme-substrate reaction kinetics with new instrumentation developed in our lab.
Tenure of the project	Maximum upto January 14, 2016
Consolidates Emoluments	40,000/- Rs. / Month
No. of position	One
Age	35 years
Last date of application	February 09, 2015

How to Apply:

- Applicants should send the application **by email** addressed to phy_app@iiserpune.ac.in attaching duly filled **Application_Form.doc** (converted to PDF) available below this advertisement on or before **last date**. Please mention name of the Post and Project Code in the subject line.
- Shortlisted candidates for interviews with details of date, time and venue will be put up on the Institute website by February 16, 2015 below this advertisement and candidates will be informed **by e-mail only**.
- The print out of the application form sent by email signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be **collected at the time of interview. Applicant must bring all the original certificates at the time of interview for the purpose of verification, along with one set of photocopies.**

General Information / details about the post

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISER Pune.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Investigator may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. Selected candidates will have to join duty immediately on receipt of the offer.
8. Reservation as per Govt. of India norms will be followed.
9. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
10. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.

Advt. No. 02/2015. IISER-P/Rect./30.01.2015

Registrar