

**Centre for Nanotechnology  
Indian Institute of Technology Roorkee**

Advt. No. NANOTECH/PDF/17-18/01, Date: 27-10-2017

**ADVERTISEMENT FOR POST DOCTORAL FELLOWSHIP POSITION**

The Centre for Nanotechnology at the Indian Institute of Technology (IIT) Roorkee invites applications from outstanding and enthusiastic researchers for post doctoral position under the joint mentorship of Dr.Sanjeev Manhas, (Associate Professor), Department of Electronics and Communication Engineering and Dr.P.Gopinath, (Associate Professor), Department of Biotechnology focused on “**Fabrication of Microfluidics Device for Cell Biology Applications**”

Candidate should be passionate about working on cutting edge research leading to high impact publications and patents. Other research activities may include participating in research discussion with overseas universities and research centers. Apart from research, the candidate may be entrusted with other academic responsibilities as deemed fit by the department

**Last date for submitting the softcopy and hardcopy of application is 17<sup>th</sup> November 2017(5.00 PM). Applications received after this date will be rejected.**

**Minimum Qualification and Experience:**

The prospective candidate should have at least two first author SCI publications in the area of Bio-sensors/Microfluidic devices

**Ph.D Broad area:** MEMS sensors-actuators/Bio-sensors/Microfluidic devices/chemical sensors, preferably with good exposure to microfabrication technology/cell biology and design (simulation) and characterization tools

**Duration and Fellowship amount:**

The duration of the fellowship will be of two years. The fellowship duration may be extended for one year depends on the performance of the candidate. The candidate is expected to join the Department as soon as offer letter has been released. The fellow will receive a consolidated fellowship as below in addition with the contingency grant of Rs. 20,000/- per annum.

First Year: Rs. 50,000/- per month

Second Year: Rs. 55,000/- per month

**How to Apply:**

Candidates should apply with cover letter, curriculum vitae, list of publications (with current impact factor), and research statement describing past research and plans for future research by both regular (speed post) and e-mail, to:

Professor and Head  
Centre for Nanotechnology  
Indian Institute of Technology Roorkee  
Roorkee - 247667  
INDIA  
Email: nano@iitr.ac.in (and copy to [nanobiogopi@gmail.com](mailto:nanobiogopi@gmail.com) )  
Phone: +91-1332-285216 / 284316 /285650  
Fax: +91-1332-286151

**Notes:**

- (i) All the post doctoral fellows (PDF) will be registered as IIT Roorkee students for availing the facilities of accommodation, hospital, medical insurance scheme, computer centre, library sports, etc.
- (ii) The candidates called for presentation/discussion/interview will be paid II-AC train fare from their place of residence/work and back by the shortest route within India.