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Department of Biotechnology,  
Indian Institute of Technology, Roorkee

Advt. No. BIOTECH/PDF/NKN/2020

Date: 14-01-2020

**ADVERTISEMENT FOR THE POST DOCTORAL FELLOWSHIP (PDF) POSITION**

The Department of Biotechnology at the Indian Institute of Technology (IIT) Roorkee invites applications from outstanding and enthusiastic researchers for post-doctoral position under the mentorship of Dr. Naveen K Navani, Professor, focused on 'Molecular Biology, Nanoaptensors and Genetic Engineering' to work on "Detection and control of bacterial pathogens in poultry by developing chemical genomics strategies to combat multiple antibiotic resistance".

The prospective candidate is expected to have a strong background in one or more areas within Biotechnology, Molecular Biology, Nanotechnology, biosensors and Microbiology. Candidate should be passionate about working on cutting edge research leading to high impact publications and products.

Last date for submitting the soft copy or hard copy of the application is 15<sup>th</sup> Feb.2020 (5:00 PM). Applications received after this date will not be considered.

**Minimum qualifications and experience:**

**a) Essential qualifications\***

The prospective candidate should have PhD in Molecular Biology/Life sciences/Microbiology with first class in the preceding degree.

**b) Desirable qualifications**

1 or 2 years of experience/specialization in Molecular Biology/ Biochemistry/Genetic engineering/ Nanotechnology/ Biosensor development. The prospective candidate should have at least two high impact-publications or patents.

\*Candidates who have recently submitted their doctoral thesis are also eligible to apply subject to the condition that they will furnish the proof of award of Ph.D. at the time of interview.

**Duration and Fellowship amount:**

The duration of the fellowship will be of two years. The candidate is expected to join the department as soon as the offer letter has been released. The fellow will receive a consolidated pay as below in addition to the contingency grant of Rs. 50,000/- per annum.

First and Second year: **Rs. 55,000/- per month**

**How to apply:**

Candidates can apply with a cover letter, curriculum vitae, list of publications (with their respective impact factor), and research statement describing past research and plans for future research, by either regular (speed post) or e-mail to:

Professor and Head  
Department of Biotechnology  
Indian Institute of Technology Roorkee  
Roorkee-247667  
India

Email: [biotech@iitr.ac.in](mailto:biotech@iitr.ac.in) (and copy to [navnifbs@iitr.ac.in](mailto:navnifbs@iitr.ac.in))

Phone: +91-1332-285216/284316/285677 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 center, library, sports, etc.
- (ii) The candidates called for presentation/discussion/interview will be paid Bus/II-AC train fare from their place of residence/work and back by the shortest route within India.

*Handwritten signature and date:*  
15-1-2020