

**Department of Biotechnology,
Indian Institute of Technology, Roorkee**

Advt. No. BIOTECH/PDF/NKN/2021

Date: 9-02-2021

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 "Development of nanoparticles based aptasensors for the detection of bacterial pathogens and xenobiotics in food" for a period of six months from the date of appointment.

The prospective candidate is expected to have a strong background in one or more areas within Biotechnology, Molecular Biology, and Nanotechnology, biosensors and In-vitro SELEX technology supported by publications in reputed journals of molecular and diagnostic fields. Candidate should be passionate about working on cutting edge research leading to high impact publications and products.

The walk in interview for the Post-doctoral position will be held in conference room at Department of Biotechnology on 25th of Feb 2021 (Thursday) at 3 pm.

Minimum qualifications and experience:

a) Essential qualifications*

The prospective candidate should have PhD in Biotechnology/Biochemistry or Microbiology with first class in the preceding degree.

b) Desirable qualifications

Minimum of 2 years of experience/specialization in Molecular Biology/ Genetic Engineering/ Nanotechnology/ Biosensor development. The prospective candidate should have at least two high impact publications (I.F >6) or patents.

Duration and Fellowship amount:

The duration of the fellowship will be for 6 months from the date of appointment. 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.

Emoluments: Rs. 55,000/- per month

Candidates shall bring with them a cover letter, curriculum vitae, list of publications (with their respective impact factor), and research statement describing past research and plans for future research with them

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/III-AC train fare from their place of residence/work and back by the shortest route within India

Recd
From
09/2/2021

NA
10.2.21

Pranav

विभागाध्यक्ष/Head
जैव प्रौद्योगिकी विभाग/Deptt. of Biotechnology
भारतीय प्रौद्योगिकी संस्थान/Indian Institute of Technology
रूड़की/Roorkee 24766