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**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
(Name of Dept./Centre)

Dated: 22<sup>th</sup> June 2020

**ADVERTISEMENT TO FILL UP PROJECT POSITIONS\***

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (Name: **Prof. Pravindra Kumar**), Dept./Centre, **Department of Biotechnology**, Indian Institute of Technology, Roorkee.


1. Title of project: **Structural Characterization of Transcription factor Cra, Influencing the Virulence in Host Cell**
  2. Sponsor of the project: **ICMR**
  3. Project position(s) and number: **Junior Research Fellow (JRF), 01 (One)**
  4. Qualifications: **M.Sc/M.Tech in Biotechnology (or equivalents) with valid NET/JRF.**
  5. Desirables: **The candidate with exposure and experience in molecular biology, protein crystallography, & biochemistry will be given preference.**
  6. Emoluments: **Rs 25,000 per month**
  7. Duration: **Minimum 1 year or till the end of the project**
  8. Job description: **The project aim is to understand the mechanism of transcription regulation by cra and the screening of small molecules libraries to find out the inhibitor. The protein will be crystallized in free and complex with DNA. Through a combination of structural, biochemical & biophysical studies, the interactions between Cra and DNA will be determined to construct a composite mechanistic picture of transcription regulation.**
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1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
  2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
    - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
    - Experience including research, industrial field and others.
    - Attested copies of degree/certificate and experience certificate.
  3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
  4. Preference will be given to SC/ST candidates on equal qualifications and experience.
  5. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to office of Principal Investigator is **6<sup>th</sup> July, 2020** by **5 PM**.  
(not applicable for walk in interview)

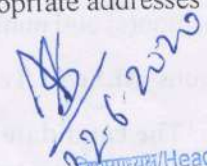
The interview will be held via Webex (online) on **8<sup>th</sup> July 2020** at **11:00 AM**.

Tel: 91-1332-285072

Email: pravindra.kumar@bt.iitr.ac.in

  
22.06.2020  
Name and signature  
of Principal Investigator

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

  
22.06.2020  
विभागाध्यक्ष/Head  
जैव प्रौद्योगिकी विभाग/Deptt. of Biotechnology  
भारतीय प्रौद्योगिकी संस्थान/Indian Institute of Technology  
रूड़की/Roorkee-247 687 (U.K.)

Mannish  
23 June 2020  
मुख्यासक (सिस्टम)/Dean (SIS)  
Review  
23-06-2020 