

Department of Chemistry
Indian Institute of Technology, Roorkee
Dated: 10.02.2023

ADVERTISEMENT FOR POSTDOCTORAL FELLOWSHIP POSITION

The Department of Chemistry at the Indian Institute of Technology (IIT) Roorkee invites applications from outstanding and enthusiastic researchers for post-doctoral position under the mentorship of Prof. Anuj Sharma, under the project ‘**Visible light photoredox catalysed C-2 functionalization of benzoxazoles**’

The Prospective candidate is expected to have a strong background in organic synthesis and specifically in the areas of catalysis/ visible light assisted synthesis/ radical mediated organic synthesis. Candidate should be passionate about working on cutting edge research leading to high impact results with a potential for long term applications. Apart from research, the candidate may be entrusted with other academic responsibilities as deemed fit by the department.

The last date for acceptance of the detailed applications is 15th March, 2023.

Qualification and Experience:

Ph.D in organic synthesis with high quality work in one or more of the following areas – catalysis, visible light induced reactions, and radical chemistry. There should be atleast two publications from the applicant as a first author/main author in a Q1 journal having a good impact factor.

Duration and Fellowship amount:

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

Rs. 55,000/- per month for the first and the second year

Rs. 60,000/- per month for the third year

How to apply:

Candidates can apply with a cover letter, curriculum vitae, list of publications, and copies of publications as first author/main author. **The candidates must submit a research proposal on visible light photoredox methodologies.** All this information should be sent by e-mail, to:

Professor and Head
Department of Chemistry
Indian Institute of Technology
Roorkee-247667
INDIA
Email: chemt@iitr.ac.in
Cc: anuj.sharma@cy.iitr.ac.in
Phone (office): +91-1332-284381

Notes:

- (i) All the postdoctoral fellows (PDF) will be registered as IIT Roorkee students for availing the facilities of accommodation, hospital, medical insurance scheme, computer center, library, sports etc. They will also be governed by the leave rules as applicable to the post graduate students.

- (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.

Or

The interview may be conducted in an online mode.

About the Department:

Please visit: <https://www.iitr.ac.in/departments/CY/>

About the Institute:

Please visit: www.iitr.ac.in

Professor and Head
Department of Chemistry