

HYDRO AND RENEWABLE ENERGY DEPARTMENT
INDIAN INSTITUTE OF TECHNOLOGY (IIT) ROORKEE

Advt. No. HRED/PDF/787

Dated: 22/05/2024

ADVERTISEMENT FOR POST DOCTORAL FELLOWSHIP POSITION

The Department of Hydro and Renewable Energy at the Indian Institute of Technology Roorkee invites applications from outstanding and enthusiastic researchers for a postdoctoral position under the mentorship of **Prof. Sanjeev Kumar Prajapati** focused on “**Algae coupled multistage constructed wetlands with low land footprint guiding design for industrial wastewater treatment and resources recovery**”.

The prospective candidate is expected to have a strong background in Environmental Science/Engineering. Apart from research activities under the above project, the candidate will be entrusted with other projects and academic responsibilities as deemed fit by department.

Last date for the submission of application by email: June 10, 2024

Essential qualifications:

Ph.D.* degree in Environmental Science/Engineering, Environmental Management of Water bodies, Wastewater Treatment, or related fields with a research background in the areas related to the project.

Desirable qualifications:

1. Candidate must have a UG/PG degree either in Civil, Chemical, Biochemical, or Environmental Engineering
2. At least 02 SCI papers as the first (or corresponding) author based on the Ph.D. research work
3. Candidates should have prior experience (including during PhD work) in nature-based technologies for wastewater treatment

** Candidates who have recently submitted their thesis are also eligible to apply subject to the condition that they should furnish the proof of the award of Ph.D. degree at the time of interview at IIT Roorkee if shortlisted*

Duration and Fellowship amount:

The duration of the fellowship will be initially for 1 years extendable by one more year. The Fellowship may be terminated by either side by giving one-month notice. A consolidated fellowship of Rs. 80,000/- per month plus HRA as applicable and a contingency of Rs. 50,000/- per annum will be awarded to Post-Doctoral Fellows.

How to Apply:

Candidates should clearly mention Advt. No. and date with title of the position applying for with a covering letter, curriculum vitae, list of publications, research statement describing past research experience and future research plans in a single PDF file named as “**Candidate Name_Institute of Ph.D. Degree_Year of Ph.D.**” by e-mail, to: sanjukec@hre.iitr.ac.in with a copy to the undersigned.

For further details about the Department and the Research group can be found at the bellow links:

Department of Hydro and Renewable Energy (HRED): <https://www.iitr.ac.in/departments/HRE/pages/Home.html>

PI's profile: https://www.iitr.ac.in/~HRE/Sanjeey_Kumar



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