

**DEPARTMENT OF WATER RESOURCE DEVELOPMENT & MANAGEMENT
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247667, UTTARAKHAND, INDIA**

Advt. No.: WRDM/PDF/22-23/1

Dated: July 12, 2022

ADVERTISEMENT FOR POST-DOCTORAL FELLOWSHIP POSITION

The Department of Water Resource Development & Management (WRD&M) at the Indian Institute of Technology Roorkee invites applications from outstanding and enthusiastic researchers for postdoctoral positions under the mentorship of Prof. Ashish Pandey (Professor, Department of WRD&M, IIT Roorkee), focused on "Design and Development of Internet of Things (IoT) based Smart Irrigation System"

The prospective candidate is expected to have a strong background in the area of i) development of the indigenous soil moisture sensors and networking; ii) automation of irrigation at the farm level, iii) Internet of Things (IoT) Based Integrated Irrigation Management System; iv) data collection using WiFi and the Internet. The candidate should have experience in working on cutting-edge research and should have publications in peer-reviewed journals. Apart from research, the candidate may be entrusted with other academic responsibilities as deemed fit by the department

The last date for submission of the application is **August 12, 2022**.

Minimum Qualification and Experience:

The prospective candidate should have the following qualifications i.e. Ph.D. in Agricultural Engineering/Civil Engineering/Electronics Engineering/Computer Science/Mathematics with first class in the degree preceding to Ph.D. and strong knowledge of IoT-based Smart Irrigation systems, Sensors Development, and Networking. Candidates who have recently submitted their thesis are also eligible to apply subject to the condition that they will furnish proof of the award of a Ph.D. degree at the time of interview at IIT Roorkee if shortlisted.

Duration and Fellowship Amount:

The duration of the fellowship will be of two years, extendable for one more year. 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.

Rs. 55,000/- per month for the first and the second year
Rs. 60,000/- per month for the third year


How to Apply:

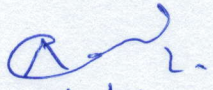
Candidates should clearly mention, that Advt. No. and date with the title of the position applying for with cover letter, curriculum vitae, list of publications (highlighted with the most relevant publications for the post), copies of three most significant publications, a research statement describing past research, and plans for future research by both regular and e-mail, to:

Dr. Ashish Pandey
Professor
Department of Water Resources Development & Management
IIT Roorkee-247 667, Uttarakhand, India
Phone: 01332-285872; Mobile:+91-9412070399
E-mail: ashish.pandey@wr.iitr.ac.in

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.
- ii. The candidate called for discussion/interview will be reimbursed Bus/Train (2ndAC) fare from their place of residence/work and return by the shortest route within India on the production of train/bus tickets of PNR number.


14/7/22


14/7/22
(Prof. Ashish Pandey)

Department of WRDM, IIT Roorkee

विभागाध्यक्ष / Head
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