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SRIC/06

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Computer Science and Engineering)

Dated: 25/04/2024

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: Dr. Neetesh Kumar, Department of Computer Science and Engineering Indian Institute of Technology, Roorkee.

1. Title of project: **Smart Autonomous Weed Detector and Removal**
2. Sponsor of the project: IIT Kharagpur AI4ICPS HUB Foundation
3. Project position(s) and number: Junior Research Fellow (JRF): 01 (one position)
4. Minimum Qualifications*: (a) M.Tech or equivalent degree with a minimum CGPA of 6.0 on a 10-point scale, or 60% marks with a valid GATE score, irrespective of the category. (OR) (b) B.Tech or equivalent degree with a valid GATE score and a minimum CGPA of 7.50 on a 10 point scale or 75% marks, irrespective of the category. For graduates from Centrally Funded Technical Institutes (CFTIs), the minimum CGPA requirement is relaxed to 7.0 on a 10 point scale or 70% marks.

*The Shortlisting can be done on the basis of higher than the Minimum Qualifications.

5. Emoluments: Rs.37000/- + HRA (as per institute rules)
6. Duration: Initial contract for 1 year, extendable based on periodic performance review and project.
7. Job description: The JRF will be involved in the research and development of a smart autonomous weed detector and removal system sponsored by IIT Kharagpur AI4ICPS HUB Foundation. The candidate is expected to have sound knowledge of handling machine learning algorithms, computer vision, APIs, and IoT embedded systems, as well as strong programming skills in Python. Ready to carry out extensive fieldwork, prototype development, experience in writing papers, patents, technical reports, etc., is a plus.

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 (neetesh@cs.iitr.ac.in):
 - 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.
 - Subject of the mail should be "Application for the post of JRF in a project entitled (project name)"
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/OBC/FEMALE candidates on equal qualifications and experience.

Note: The selected candidate may get an opportunity for PhD admission (as per institute rule, if applicable).

The last date of application is **15th May, 2024** by 5:00 PM IST. The date of online interview date shall be informed to the shortlisted candidates by email.

Tel: +91-1332-284977

Email: neetesh@cs.iitr.ac.in

APPROVED

डीन (सिक)/(Dean SRIC)
भा.प्रौ.सं.रूड़की/IIT Roorkee

Name and signature
of Principal Investigator

Prof. Neetesh Kumar

25-04-2024

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

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