



ಭಾರತೀಯ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ ಸಂಸ್ಥೆ ಧಾರವಾಡ

भारतीय सूचना प्रौद्योगिकी संस्थान धारवाड़

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DHARWAD

[Institute of National Importance by an Act of Parliament]

Advertisement for the Recruitment of Research Fellows

Applications are invited from Indian nationals for two research positions, Project Associate-I (PA-I) and Project Associate-II (PA-II), required for a project funded by Anusandhan National Research Foundation (ANRF). Details of the recruitment are given below.

Project Title: Decentralized Framework for Adaptive Initial Congestion Window Control in Next-Generation Networks

Principal Investigator (PI): Dr. Animesh Roy, Dept. of CSE, IIIT Dharwad

Name of the Position: Project Associate-I (PA-I)

Number of Positions: 01

Essential Qualification: B.E/B.Tech in CSE/IT/ECE

Monthly Emoluments: a) If not GATE/NET qualified: ₹30,000/- + 20% HRA

b) If GATE/NET qualified: ₹37,000/- + 20% HRA

Name of the Position: Project Associate-II (PA-II)

Number of Positions: 01

Essential Qualification: B.E/B.Tech in CSE/IT/ECE + 2 years' research experience

Monthly Emoluments: a) If not GATE/NET qualified: ₹33,000/- + 20% HRA

b) If GATE/NET qualified: ₹42,000/- + 20% HRA

Essential Skills: Computer Networks, Programming, Data Structures & Algorithms

Desirable Skills: 5G/6G, NS3/OMNET++, Machine Learning & Deep Learning, Publications

Job Description:

- i) Developing a decentralized adaptive congestion control framework in 5G/6G
- ii) Analyzing lightweight ML models for TCP flow classification
- iii) Functional implementation in OMNeT++/INET/Simu5G
- iv) Performance evaluation datasets and analysis reports
- v) High-quality journal and conference publications

Age limit: Not exceeding 30 years as on the date of the selection process

Period of Appointment: The appointment for the above contractual positions will be initially for 02 (two) months, which can be further extended subject to satisfactory performance. The appointment may be terminated at any time, without prior notice, in the event of negligence, non-performance, or failure to meet the expected standards of work.

Application form link: <https://forms.gle/kf2Q5AMeCruD3zWF9>



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Selection process: Applications will be screened based on the eligibility criteria, and only the shortlisted applicants will be called for an interview. Mere fulfillment of minimum eligibility will not bestow the right for shortlisting. IIIT Dharwad reserves the right to screen and shortlist candidates by introducing higher benchmarks. Emails will be sent to all the shortlisted candidates.

General Instructions to the Applicants:

1. Selected candidates shall not have claim on any regular position and shall not be bestowed any of the privileges like Housing, Medical Facility and Other benefits available to regular employees of the Institute.
2. Applicants are advised to ensure, before appearing for the Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from a recognized University/Institute. Eligibility in terms of age, qualification and experience of a candidate shall be considered as on the date of Selection Process.
3. The number of vacancies indicated in the notification is tentative. IIIT Dharwad reserves the right to increase or decrease the number of advertised posts at the time of selection. Further, IIIT Dharwad reserves the right to NOT fill any of the posts advertised.
4. No TA/DA will be paid for attending the Selection Process.
5. In case of any inadvertent mistake in the process of selection, which may be detected at any stage even after issue of the appointment letter, the Institute reserves the right to modify, withdraw or cancel any communication made to the Applicants.
6. After joining the service of the Institute, the person(s) will have to abide by the Rules, Regulations, Ordinances, Statutes and Act of the Institute applicable from time to time. He/She may be assigned any duty within or outside the Institute depending upon the exigency of the work.
7. The Institute shall verify the antecedents or documents submitted by a person at the time of appointment or during the tenure of the service. In case it is detected that the documents submitted by the candidates are fake, or the person has a clandestine antecedents or background and has suppressed the said information, then his/her services shall be terminated forthwith and legal action may be initiated against such candidates/employees.
8. No interim correspondence whatsoever will be entertained from the candidates.
9. Canvassing in any form or bringing in any influence political or otherwise will be a disqualification for the post.
10. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.
11. For a query related to the Selection Process, applicants may send email to animeshroy@iiitdwd.ac.in. However, enquiry/queries related to eligibility for the post/interpretation of rules will not be entertained.