



भारतीय सूचना प्रौद्योगिकी संस्थान, इलाहाबाद

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY- ALLAHABAD

(Institute of National Importance and Centre of Excellence in IT, Established by Govt. of India)

Deoghat, Jhalwa, Prayagraj-211015, (U. P.) INDIA

Phone: 0532-2922025, 2922000, Fax: 0532-2430006, 2922144; Web: www.iita.ac.in; Email: contact@iita.ac.in



Advt. No.: IITA/IHFC/1/2021

Dated –29 Nov 2021

Advertisement for the Post of 03 JRF/SRF/Postdoc/TRA Positions

The position is open until suitable candidate is found

Second Call for Applications against one remaining seat, preferably apply by 30th September, 2022

Applications are invited from highly motivated students with proven inclination towards research for positions as under the research project entitled “Intelligent grasp manipulation technology development in a cobotics framework for complex manipulation in the warehouse environment” in reference to the sanction letter dated 11/10/2021 by I-Hub Foundation for Cobotics.

| S. No. | Name of Position | Number of Position | Essential Qualifications | Desirable Qualifications | Stipend in INR (₹) |
|--------|------------------|--------------------|--|---|--|
| 1. | JRF/SRF | 2 | M.Tech. in Computer Science, Electronics or Mechanical, Mechatronics Engineering Applicants with more than 2 year experience as JRF may be considered for SRF if found suitable by the evaluation committee. | A high GATE score in the relevant field mentioned. | 35,960 p.m. (31,000/- PER month +16%HRA) in case of JRF and 40,600 p.m. (35,000/-per month +16%HRA) for SRF. HRA will not be paid if suitable accommodation is provided. |
| 2. | Post Doc or TRA | 1 | PhD in a topic relevant to the project (i.e Deep Learning, Machine Learning applications in Robotics). For the position of Post Doc, the PhD should have been awarded. Applicants whose PhD is submitted but not awarded may be considered for the position of a TRA | At least two SCI Journal publications in high impact journals | 80,000/- PER month (consolidated including HRA) in case of Post Doc and 65,000/-PER month (consolidated including HRA) |

In case no suitable candidates are found for the post Doc or TRA position, the committee reserves the right to select a JRF/SRF instead of a Post Doc and in case no suitable candidates are found for JRF/SRF, the committee reserves the right to select highly motivated in-house **senior undergraduate (SUG)/dual degree(DD)** students with a consolidated stipend of **₹ 10,000 p.m.**

The position is initially for **06 months** only. The positions may be extended upto a maximum of 3 years or the

duration of the project (whichever is earlier) on the basis of the performance of the candidate, extension of the project and receipt of funds from the sponsoring agency.

The span of the project is robots in a warehousing scenario using vision and planning based techniques. Therefore, the candidate with a prior exposure to Computer Vision, Deep Learning, Artificial Intelligence, Machine Learning, Robotics, Control, Autonomous Mobile Robots, Planning, Robot Operating System, Gazebo, SLAM, etc. will be preferred.

The duly completed application on prescribed soft copy format together with supporting documents (single pdf file) should reach to rkala@iiita.ac.in (Co-PI of the project). The subject of email should be “Application for the post of JRF/SRF/PostDoc/TRA/SUG/DD Position under the research project “Intelligent grasp manipulation technology development in a cobotics framework for complex manipulation in the warehouse environment”

The position is purely temporary and will be governed by the Funding agency’s rules & service conditions of Center of Intelligent Robotics(CIR)/R&D cell, IIIT Allahabad from time to time.

The advertisement is a rolling one. However, completed applications which reach within **one month** from the date of publication of the advertisement, the first round of selection will be done based on those applications. If all positions do not fill up in the first round of selection, new applications will be considered on a monthly basis till all the positions are filled.

Note

- 1. Most possibly the interview will be on online mode due to the current COVID pandemic situation.*
- 2. If selected, the candidate has to join immediately and reside on campus after fulfilling the health and quarantine period conditions laid by the Institute Health Centre.*
3. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
4. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates.
5. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
6. Shortlisted Candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.
7. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications.
8. Applicants in employment (private, government or any other organization) are required to submit a “No Objection Certificate” from the employer at the time of interview.
9. No TA/DA will be paid for appearing in the interview.

Maximum age Limit: 40 years as on the last date of application (The upper age limit is relaxable upto 5 years in the case of candidates belonging to SC/ST/OBC/PH and women candidates).

Name of Principal Investigator: Prof. GC Nandi

Designation: Professor (HAG)

Centre of Intelligent Robotics

Indian Institute of Information Technology Allahabad

Prayagraj 211015 (UP), India



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Dated: 29 Nov 2021

For office use only

Application No.....

APPLICATION FORM

Research Project Entitled- “Intelligent grasp manipulation technology development in a cobotics framework for complex manipulation in the warehouse environment”

File No. : IIITA/IHFC/1/2021

Funding Agency: IHFC, IIT Delhi

Name of P.I.: Prof. G C Nandi

Name of position: JRF/SRF/PostDoc/TRA/SUG/DD

Department/Section: Centre of Intelligent Robotics

1. Name of the Candidate:

(In Capital letter)

2. Sex (Male/Female):

3. Marital Status (Married/Unmarried):

4. Date of Birth:

5. Age (as on last date of application): _____ Years _____ Months _____ Days

6. Father's/Husband's Name:

7. Present/Contact Address:

8. Permanent Address:

9. Mobile No:

10. E-mail:

11. Nationality:

12. Category Gen/SC/ST/OBC/PH:

13. GATE/NET/JEST Valid up to: _____ AIR Rank _____

14. Educational Qualification (10th onward):

| Qualification | Subject/Discipline | Board/Institute/Univ. | Year of passing | % of marks | Division |
|----------------------------|--------------------|-----------------------|-----------------|------------|----------|
| 10th | | | | | |
| 12th | | | | | |
| B.E./B.Tech/ or equivalent | | | | | |
| M.E./ M.Tech* | | | | | |
| PhD* | | | | | |
| Any other | | | | | |

***Title of M.E/M.Tech/PhD Thesis:**

Supervisor's name:

15. Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary

16. Publications details (Attach a separate list, if any, mention all the authors, vol. number, journal name, publication year, page number):

17. Any other information: (Attach a separate sheet)

DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:

Signature of the Applicant

Date:

Checklist-

Self-attested copy of documents

Proof of Date of Birth

Mark sheets & certificates of all the examination passed

Category Certificate, if applicable

GATE/NET/JEST score card, if passed

Experience certificate, if any

Make a single pdf of all your documents before sending.

The duly completed application form in prescribed soft copy format along with the supporting documents (single pdf file) should reach to **rkala@iita.ac.in** (Co-PI of the project).

The subject of email should be “Application for the post of JRF/SRF/Postdoc/TRA/SUG/DD Position under the research project - IITA/IHFC/1/2021”.