Indian Institute of Information Technology, Sri City, Chittoor

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Advertisement for Post of Junior Research Fellow

Reference No: IIITS/Project/PVA-ISRO/RES/4/702/22-23

Opening Date: 22/Nov/2024   **Closing Date**: 10/Dec/2024

Applications are invited for the post of Junior Research Fellow in a ISRO funded research project entitled "**Advanced methods and algorithms for automatic information extraction for (online/offline) processing and analysis of images/data from various multi-source data** ". The project aims to develop novel, state-of-the-art deep learning approaches for extracting and interpreting information from multisource remote sensing images. By addressing the challenges of resolution trade-offs and multisensor data fusion, the research seeks to create interpretable and explainable models that learn physically relevant manifolds. The proposed methods will incorporate remote sensing-specific regularizations, constraints, and architectural innovations to enhance model generalizability. Please apply the post by filling the online form using the link: https://forms.gle/W2UK2UGE1JhEFwf57

Project Title	:	**Advanced methods and algorithms for automatic information extraction for (online/offline) processing and analysis of images/data from various multi-source data**
Name of Position	:	**Junior Research Fellow**
Number of Position :		01 (One)
Duration	:	01 year (Extensible to 2 years based on the performance)
Essential Qualifications	:	B.E/B.Tech in Computer Science/Image Processing/Remote Sensing/Machine Learning/Related Branches with GATE/NET qualification OR M.E/M.Tech in Computer Science/Image Processing/Remote Sensing/Machine Learning/Related Branches with GATE/NET qualification OR M.E/M.Tech in Computer Science/Image Processing/Remote Sensing/Machine Learning/Related Branches admitted through national level exams conducted by IITs, NITs, CFTIs, DRDO, CSIR, etc. **Note:** Exceptional M.tech or B.Tech Candidates from reputed institutions will be preferred

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Desirable Skills	:	Python programming, Machine learning, Deep Learning, Remote Sensing
Other Preferred skills	:	The preference may be given to the candidates who have prior knowledge in Deep Learning, Image Processing, and published paper in reputed conferences/journals
Fellowship	:	As per ISRO Norms

Note:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The Institute reserves the right to accept applications at any time, and consider candidates of exceptional credentials without applications. Qualification and experience may be relaxed at any point of time for exceptional candidates.
3. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The shortlisting will be done based on the need of the project.
4. Only shortlisted candidates will be informed by e-mail about the interview date. So, the candidate must provide valid E-mail IDs in their applications.
5. Applicants in government/semi-government employment are required to submit a "No Objection Certificate" from the employer after shortlisting but before the interview date.
6. The first and foremost responsibility of the candidate is to fulfill the jobs' requirements to complete the above mentioned project in a timely manner.
7. Based on the candidate performance and recommendation of the project progress monitoring committee extension is upto three years. However, there will be continuous progress monthly monitored by PIs. If a candidate does not fulfill the minimum requirement as per the milestones his/her candidature will automatically be canceled.
8. Leaving the project before the end of the project is strongly discouraged. Candidate will not be entitled for any experience certificate if leaving the project without completing at least one year.
9. The association between PI and the candidate can be discontinued at any time by giving one month's notice in writing either by the PI of the project to the candidate, or by the candidate to the PI of the project.
10. Candidate selected for this position can also apply for the regular PhD program in IIIT Sri City, provided they satisfy the eligibility criterion followed by the selection process laid down by the institute.
11. Experience letter will be provided, only if the candidate completes the project/tenure/at least one year.

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Indian Institute of Information Technology Sri City, Chittoor, Andhra Pradesh is a Research and Teaching Institute focused on the core areas of Information Technology: Computer Science, Electronics and Communications, and their applications in other domains. The Institute focuses on development of Technology and Applications that can be transferred for use to Industry and Society. You may visit the institute website www.iiits.in for more details.

For further details you may contact at arun.pv@iiits.in