



Indian Institute of Information Technology Sri City, Chittoor

Advertisement for Post of Junior Research Fellow

Advt.No.IIITS/Project/11(1)/2022-HCC(TDIL)/2023/09/001/

Opening Date: 14/Sept/2023

Closing Date: 19/Sept/2023

Applications are invited for the post of Junior Research Fellow in a research project entitled “**End-to-End Spoken Keyword Detection System in Nine Indian Languages and its Application in Healthcare Information Dissemination**”. The aim of the project is to develop Indian Language technology systems, products and deploy them in the field. The candidate’s day to day role would involve building state of the art *Keyword Spotting Systems (KWS)* in Indian languages using deep learning ideas including *sequence-to-sequence modeling, transformers, wav2vec, conventional DNN, CNN and TDNN*. Please apply the post by filling the online form using the link: <https://forms.gle/qxYDSJW4FBwcvNTH6>

- The applicant will get an opportunity to work with the other team members at the reputed institutes such as at IITs, NITs and CDAC.

Project Title	:	End-to-End Spoken Keyword Detection System in Nine Indian Languages and its Application in Healthcare Information Dissemination
Name of Position	:	Junior Research Fellow
Number of Position	:	01 (One)
Duration	:	01 year (possible extension based on the performance)
Essential Qualifications	:	B.E/B.Tech/M.Tech/Ph.D in Computer Science/Electrical/Electronics Engineering
Desirable Skills	:	Python programming, Basic knowledge in machine learning
Other Preferred skills	:	The preference may be given to the candidates who have prior knowledge in Deep Learning, Speech Processing, comfortable in using Linux and published paper in reputed conferences/journals
Fellowship	:	Consolidated 31000/- per month. No other allowances admissible.



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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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About IIITS

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 **sarkar.achintya@iiits.in/priyanka.dwivedi@iiits.in**

There is also an opportunity to pursue PhD in speech processing domain @IIIT Sricity, if you have knowledge in deep learning and good skills on python programming. You can also apply for the Phd through the [advertisement link](#).

Registrar