

# **Recruitment for the post of Junior / Senior Research fellow**

## **Ref. No. 11(1)/2022-HCC (TDIL)**

### **DESCRIPTION:**

The Speech Research Group, SSN CE, is seeking applications for the post of Project Officer. They will be working on the **National Language Translation Mission (NLTM): BHASHINI, funded by the Ministry of Electronics and Information Technology (MeiTY), Govt. of India (A consortium project headed by IIT Madras)**. The objective is to develop Indian Language technology systems & products and deploy them in the field with the help of start-ups.

Prof. P. Vijayalakshmi is leading the **Speech Assistive technologies** part of the project. The candidate's day to day role will involve **developing signal processing and machine learning algorithms** to develop **assessment tools, speech recognition, and text-to-speech synthesis systems for speakers with cerebral palsy, autism spectrum disorder**.

**REQUIRED SKILLS:** Python and related libraries, MATLAB

**DURATION:** 3 years, starting from March 2023

**NUMBER OF POSITIONS:** 2

### **WHO CAN APPLY?**

- Have prior knowledge and experience in digital signal processing and system building using Python and related libraries.
- Applicants with M.E./M.Tech. with interest in pursuing Ph.D
- Applicants with (or nearing the end of their) Ph.D degree with interest in continuing their research as a postdoctoral fellow (in the area of speech technology)

### **OTHER PREFERRED SKILLS:**

- Having in-depth knowledge in digital signal processing (preferably in Speech Processing) and Machine learning for speech applications.
- Comfortable with Linux.

**SALARY:**

- Based on the academic qualification(s) and experience,
- Starting from **Rs. 25,000/- up to Rs. 35,000/- (including HRA)**

The position is purely temporary and renewable each year, subject to satisfactory performance, for a maximum of three years. Original documents of age proof/degree/mark sheets/experience certificates must be presented at the time of interview.

**CONTACT:**

Please send your resume to

**Dr. P. Vijayalakshmi,**

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