



Call for Junior Research Fellow (JRF) Position

20/3/2024

Applications are invited for the Post of Junior Research Fellowship (JRF) for the DST_SERB Funded Project in the School of Electronics Engineering (SENSE), FILENO. CRG/2023/005678, Vellore Institute of Technology (VIT).

Position	Junior Research Fellow (JRF)
Number of Vacancy	01
Title of the Project	EEG-based investigation of the fundamental frequency coding for source segregation in elderly normal-hearing adults.
Funding Agency	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Principal Investigators	PI: Dr. Anantha Krishna Chintanpalli (Professor in Communication Engineering, SENSE, VIT Vellore). co-PI: Dr. R. Sivakumar (Professor in Sensor and Biomedical Technology), SENSE, VIT Vellore).
Duration	3 years
Job Description	The candidate will acquire the neural representations of speech signals using the EEG device from human subjects (younger and older subjects), apply signal processing techniques to these neural representations to test the hypotheses, and will be responsible for writing project reports, papers and coordinating project activities.
Skill Required	Candidates must have strong knowledge of Signal Processing and MATLAB software. Additionally, knowledge of Deep Neural Networks will be given more preference.
Qualification	First division Master's Degree in Electronics and Communication Engineering or equivalent with specialization in Signal Processing or B.Tech. in ECE/EIE/EEE/ETC from a recognized University or equivalent. Desirable: GATE/NET qualified, however, non-GATE/NET candidates are also encouraged to apply.
Stipend	31,000/- (initially first two years) and 35,000 (third year) per month for GATE/NET-qualified candidates

Send your CV along with relevant documents about the details of qualifications, scientific accomplishments, experience (if any), and the latest passport-size photo on or before (31/03/2024). Apply online <http://careers.vit.ac.in>. Alternatively, email the CV to anantha.krishna@vit.ac.in.

- Candidates will be shortlisted based on their merit and as per the requirements.
- The selected candidate will be expected to join at the earliest.
- The selected candidate may be permitted to register for the PhD program of VIT Vellore subjective to the requirements of the PhD qualification process as per the institute norms.