



# Call for JRF



Applications are invited from eligible candidates, for the post of “JRF upgraded to SRF after 6 months if found eligible”

on contract basis for the project titled “Sleep and Stroke: Empirical Investigation and AI Modeling Development of Automated AI-based Scoring for Sleep Stages & Sleep Apnea and Validation of PPG, BCG against PSG and Short-term Cognitive Outcome of Sleep in Ischemic Stroke Patients”

## Principal Investigator:

Dr. P.R Srijithesh, Additional Professor of Neurology, NIMHANS

**No of position : 1**

## Qualification & Eligibility:

- 1.MPhil Clinical Psychology, M.Sc. Psychology or equivalent is preferred.
- 2.NET qualified or equivalent.

**Duration of Project:** 36 months

**Work Location:** NIMHANS, Bengaluru.

**Contract:** Initial appointment for six months and will be extended based on the performance.

## Preferred Skills :

Knowledge of one or more programming languages (Kindly Specify).

Skillful writing and communication skills in English especially in scientific writing.

Good communication skills in Kannada and Hindi.

**Project Summary:** The study is an observational cross-sectional study on validation of various wearable and non wearable devices against polysomnography and short-term cognitive outcome in ischemic stroke patients and controls. The candidate needs to recruit study participants, assess patient’s cognitive levels using the scales described in the study and administer the cognitive assessments for two sessions over a period of 2 weeks. The candidate would be responsible for documentation and follow-up of the patients during the study.

**Prospect for candidate:** Candidate will get experience in best practices of conducting observational study, and assessing cognitive parameters in ischemic stroke patients. The study is the first-of-the kind study comprehensively evaluating cognitive effects of sleep in stroke patients and control using an array of electrophysiological measures and wearable and contactless devices.

**Suitable candidate can apply for PhD under the project**

## Salary Structure

31,000/- + 24% HRA per month (upgraded to 35,000+ 24% HRA if candidate is found eligible as SRF)

To apply - Please send your CV along with contact details and age proof to [srijitheshpr@gmail.com](mailto:srijitheshpr@gmail.com), [healthcare@ihub-data.iiit.ac.in](mailto:healthcare@ihub-data.iiit.ac.in) with the subject JRF/SSCS/NIMH/April2 022.

**Application Deadline: 30th April 2022.**

Eligible candidates will be shortlisted and communicated about the interview details by email.