



**IIT GANDHINAGAR**  
**ADVERTISEMENT FOR RESEARCH ASSOCIATE**

Applications are invited for the position of “**Junior Research Fellow**” (JRF) in the laboratory of **Dr. Pratik Mutha** at **Indian Institute of Technology, Gandhinagar** (IITGN) for a DST-CSRI funded project titled “**Dissociable error-sensitive mechanisms in sensorimotor learning**”.

The candidate will work on a project that aims to investigate the how different error sources contribute to the process of motor learning. This is an interdisciplinary project which requires expertise in neuroscience, psychology, computational modelling, statistics and data analysis. The work will involve behavioural experiments in humans coupled with brain stimulation (TMS, tDCS, etc.) and computational modelling.

The candidate must be comfortable in various tasks like conducting experiments on human subjects, designing and modifying experimental set-ups, data collection and analysis. Candidates with proficiency with MATLAB or Python will be prioritized.

We provide an open, intellectual and nurturing environment with career guidance to start a career in cognitive neuroscience. The ideal candidate must be passionate about research, willing to learn new ideas and skills and work well in a diverse group.

Lab website - <https://sites.google.com/a/iitgn.ac.in/pm/home>

- DURATION: 1 year (extendable to 1 year depending on performance and availability of funds)
- NUMBER OF POSITIONS: 1
- ELIGIBILITY:
  - BTech / BE / MTech / ME in Mechanical / Electrical / Computer Science / Instrumentation / Biomedical Engineering or related fields **OR**
  - MSc in Neuroscience / Psychology / Cognitive Science or other allied areas
  - Candidates should have a valid GATE / CSIR NET / UGC or equivalent fellowship.
  - Proficiency in MATLAB/Python is preferred
  - Previous experience working with variety of hardware and hardware/software interfacing is preferred
  - Previous experience in conducting experiments with human subjects is desirable

- APPLICATION PROCEDURE: Please fill the google form available here: <https://forms.gle/g33F4i2i1AGrUy6v9>. You will need to attach your CV and valid scorecard for GATE / CSIR / other national level exam.
- Shortlisted candidates will be informed via email and online interviews will be conducted.
- SALARY: INR per month (31,000 + 27% HRA, only if housing is unavailable in campus)
- LAST DATE FOR APPLICATION: 15-11-2023