



## Junior Research Fellow

Applications are invited for the position of Junior Research Fellow (JRF) to develop different algorithms in deterministic and probabilistic approaches to solve the forward and inverse problem of Magnetocardiography or Biomedical signals. This is an opportunity to work in DST- SERB – SUPRA funded project titled “**Bayesian approach to solve the Inverse Problem of the Human heart from Magnetocardiography**”. Project involves localization of the heart sources from the measured MCG signals using Bayesian inverse problems. This interdisciplinary research will be conducted at Department of Electronics and Communication Engineering, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal in collaboration with Indira Gandhi Center for Atomic Research, Kalpakkam, Tamil Nadu, India.

**Duration of the Project:** 3 Years

### Qualification:

**Essential:** Master’s Degree in Biophysics, Lifesciences, Biostatistics, Biomedical Engineering/ Electronics and Communication engineering, preferred candidate with GATE/NET/CSIR-UGC, etc.

**Desirable** – Preference will be given to candidates with above qualification and having work experience in signal/image processing, statistics.

**Requirements:** Talented and passionate candidates with an ability to work in a multidisciplinary team. Strong programming skills with hands on experience in developing health care applications.

**Remuneration:** Rs 31,000 + (8% HRA) per month

Eligible candidates may apply with detailed CV along with copies of relevant documents in support of their qualification within 15 days from the date of this notification to the address mentioned below.

No TA/DA will be paid for attending the interview if shortlisted.

**The Deputy Director - HR**  
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