



Advertisement for the Position of Junior Research Fellow (JRF)

Applications are invited for the position of JRF within Medical Ultrasound Research Laboratory (MURL) in the department of Biomedical Engineering.

Name of the Post	Junior Research Fellow (JRF)
Number of Vacancies	1
Title of Research Project	Dual-Mode Ultrasound for Soft Tissue Sarcoma Therapy
Description of Job	This exciting opportunity provides the candidate to work on interfacing motor controls with a single or multiple robotic arms for performing dual-mode ultrasound. This work has direct translational opportunity, and provides the candidate an experience working on medical devices. The candidate will also experience clinical application of this work.
Sponsoring Agency	SERB
Appointment Period	2 years (potentially extendable based on performance and availability of funds)
Pay	As per Government of India and SERB norms
Essential Qualification	B.E., B.Tech. in CS, IS, EE, or allied fields with at least first class or division. Higher engineering or science degree with at least first class/division in the degrees obtained. Candidate must be proficient in Python, C++ or similar. Preferably, the candidate must have prior experience in interfacing robotic arms with motor drives, and building graphical user interface software to interface with robotic arm and other sub-systems. Desirable to have strong and established coding skills.
Age Limit	40 years (can be relaxed based on applicant's experience and provisions)

Interested candidate may please e-mail their resume or curriculum vitae, along with a short (at most 1-page) letter of interest describing their software skills, projects they have worked that are relevant to this position to Avinash Eranki, Ph.D. (aeranki@bme.iith.ac.in). Please send an email with the subject line as 'JRF-SERB Application' by **18th of February, 2022**. Shortlisted candidates will be contacted via email for further assessment.