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ADVERTISEMENT – Junior Research Fellow (JRF) | DST CRG Project

Applications are invited from the Indian nationals for the position of Junior Research Fellow (JRF) to work in a DST CRG project No. CRG/2021/004431.

Title of the Project: Unconventional Architecture Design and Development of Modular Library for Non Repetitive Robotic Applications.

Brief Description of Project: Focus of the project is at modular robotic library design for healthcare services. Major objectives involve investigation of work-cell variations and task-requirements for robotic assistance in healthcare service sector, and to address task-performance, payload and power/torque requirements of selected domains through optimal architecture design of link-joint modules. To develop a unified framework for automatic modelling and adaptive control, and finally to develop modular components and integrate plans for complete modular library.

Job Description: The project investigators are looking for a dedicated person to execute and monitor the design and development of the modules and experimentation with the library. The JRF will be deployed at IIT Ropar to assist the P.I.s in analysis and experimentation towards the objectives.

Post: Junior Research fellow (JRF)

Positions: 01

Maximum Duration: Three years (not extendable)

Emoluments: As per DST norms

Essential Qualifications:

Master's degree in Mechanical Engineering/Technology or related discipline or a Master's degree by Research in Mechanical Engineering/Technology or related discipline. Candidates must have obtained at least 70% marks or 7.5 CGPA out of 10 in their Master's. GATE qualification is required.

OR

Master's degree in Sciences with a valid score in GATE/UGC/ CSIR/NET/NBHM or equivalent qualification. Candidates must have obtained at least 70% marks or 7.5 CGPA out of 10 in their Master's.

OR

Exceptional candidates having B.Tech/B.E degree in Mechanical or related disciplines with at least 70% marks or 7.5 CGPA out of 10 and valid GATE score can apply.

Desirable Qualifications: Proficient in Programming skills as C/C++/Python/MATLAB, and research experience in robotics platform, as ROS.

How to Apply? : Please apply through this link: <https://forms.gle/mRwbUwomyLAuVZWY7>

Last Date of the application is **on or before May 25, 2022.**

Selection Procedure: The shortlisted candidate will be informed through an email regarding the interview date.

Relaxation for SC/ST candidates as per the Government of India.
