



Department of Biosciences and Biomedical Engineering Indian Institute of Technology Indore

Advertisement for Junior Research Fellow (JRF)

Applications are invited from motivated and eligible candidates for **one JRF position** in the research project supported by Indian Space Research Organization (ISRO). The details of the project are given below:

Name of Post	Junior research fellow (JRF)
No. of post	One (01)
Title of The Project	RESPOND Project - "RES-HFSC-2023-001: Microgravity effects on human physiology" (Adaptation and deterioration in cardiovascular tissue model in altered gravity)
Principal Investigator	Dr. Hitendra Kumar, Assistant Professor, Department of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore.
Tenure of Project	Initial appointment for 12 months. It can be extended further if the candidate's performance is found satisfactory.
Job Description	The selected JRF will contribute to the development of a mechanical platform for randomized positioning. Further, the JRF will participate in 3D printing and bioprinting using available 3D bioprinters and 3D printers followed by biological studies on the bioprinted samples.
Essential Qualification	<p>PG Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</p> <p>A valid GATE scorecard is required during application. This criterion is exempted if the candidate has qualified CSIR-UGC NET including lectureship (Assistant Professorship)</p> <p><u>Candidates from the following streams are desired:</u> Mechanical Engineering/ Biomedical Engineering/ Electrical Engineering/ Biotechnology/ Biosciences and Bioengineering/ Materials Science and Materials Engineering/ Physics/ Engineering Physics with first division as defined by the awarding Institute / University.</p>
Desirable Qualification	The following are desired but not mandatory: Candidate needs to have exposure of additive manufacturing, programming in MATLAB/C/Python, and basic mammalian cell culture.



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Age Limit	Preferably below 40 years
Salary	₹ 37,000 per month + 20 % HRA (HRA will be provided if institute accommodation is not being provided/availed.)
Last Date & Time	<p>Interested candidates are requested to apply for the position through Google form: https://forms.gle/XLNi1MAi2F5bdS289</p> <ul style="list-style-type: none"><input type="checkbox"/> The last date for submitting the application form is <u>January 10, 2025</u>.<input type="checkbox"/> The CV should include details of academic grades starting from 10th standard onwards with details of the year of passing, institute/university/college, etc., and work experience and nature of work if applicable.<input type="checkbox"/> Incomplete applications will be rejected.<input type="checkbox"/> For any technical problem with submitting the application please write to hitendra@iiti.ac.in
<p>Only shortlisted candidates will be informed about the date of the interview by email. The appointment is purely temporary and may co-terminus with the project. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed based on their merit and as per the requirement of the project.</p> <p>Google meet link will be shared only with the shortlisted candidates before the date of the interview.</p> <p>Interview Date: Would be communicated by January 15, 2025.</p>	