


### **Advertisement for the Post of Junior Research Fellow (JRF)**

Applications are invited for the following research assignment in the Department of Physics, Indian Institute of Technology Hyderabad.

<b>Title of the Project</b>	Dark Matter Phenomenology via Multi-Messenger Astronomy and Particle Physics Experiments.
<b>Funding</b>	SG/IITH/F364/2024-25/SG-195
<b>Duration</b>	3 years
<b>Consolidated Stipend</b>	Rs. 37,000 +27% (HRA) per Month. HRA will only be provided if the hostel accommodation is not allotted.
<b>Eligibility</b>	<ol style="list-style-type: none"><li>1. M.Sc. in physics/B-Tech in engineering physics from recognized institutes with at least 60% marks.</li><li>2. Candidates must meet at least one of the following criteria: a valid GATE score, DST Inspire fellowship, CSIR-UGC JRF, or a CGPA of 9.0 and above from a CFTI.</li><li>3. Candidates must have a strong interest in programming, with a preference for those specializing in high-energy and particle physics.</li></ol>
<b>How to Apply</b>	Interested candidates should apply by email to <a href="mailto:divyasachdeva@phy.iith.ac.in">divyasachdeva@phy.iith.ac.in</a> by 05-10-2025 with the subject line: <i>Application for JRF Position under Institute Seed Grant</i> . Attachments required: <ol style="list-style-type: none"><li>1. Detailed CV</li><li>2. Copy of GATE scorecard / CSIR-UGC JRF result</li><li>3. Brief write-up (up to one page) on your skills relevant to the project.</li></ol>
<b>Selection Process</b>	Candidates will be shortlisted based on merit and project requirements, and will be informed of interview details via email. The selected candidate will then be notified and must be prepared to join immediately and enroll for a PhD in the Department of Physics, IIT Hyderabad.

This project focuses on dark matter phenomenology through astrophysical observations and particle physics experiments. For any queries regarding the project, please contact to [divyasachdeva@phy.iith.ac.in](mailto:divyasachdeva@phy.iith.ac.in)

  
Dr. Divya Sachdeva