



**Call for JRF/ Project Associate-1 Position**

Date: 13 June 2026

**About:** Applications are invited from interested and motivated candidates for the post of **Junior Research Fellow (JRF)/ Project Associate-1** on the research project sponsored by the **Anusandhan National Research Foundation**. The position will be purely on contractual basis as per the following details:

<b>Position</b>	<b>Junior Research Fellow/Project Associate-1</b>	Number of Vacancy: 01
<b>Funding Agency</b>	<b>Anusandhan National Research Foundation (ANRF)</b>	
<b>Project Title</b>	Spin polarization in relativistic heavy-ion collisions: A spin hydrodynamic approach.	
<b>Principal Investigator</b>	Prof. Arpan Das, Assistant Professor, Department of Physics, BITS Pilani, Pilani Campus.	
<b>Co-Principal Investigator</b>	Prof. Amaresh Jaiswal, Associate Professor, School of Physical Sciences, National Institute of Science Education and Research (NISER), Bhubaneswar.	
<b>Project Tenure</b>	2 Years + Third year onwards as SRF after evaluation (Total 4 Years)	
<b>Project/Job Description</b>	We are seeking a highly motivated Junior Research Fellow (JRF) to work in the field of high-energy physics, with a particular focus on the theoretical and phenomenological aspects of relativistic heavy-ion collision physics. The selected candidate will contribute to research problems related to the development of relativistic hydrodynamic frameworks for spin-polarized matter produced in heavy-ion collisions, along with numerical implementations and phenomenological applications. The project offers an excellent opportunity to work at the interface of relativistic kinetic theory, relativistic hydrodynamics, spin dynamics in a relativistic medium, and quark-gluon plasma phenomenology. The JRF will work closely with Dr. Arpan Das (Principal Investigator), BITS Pilani, and Dr. Amaresh Jaiswal (Co-Principal Investigator), NISER Bhubaneswar, as well as their respective research groups. The candidate will be encouraged to develop independent research ideas within the broad scope of the project and actively participate in ongoing collaborative research activities. The position will provide exposure to national and international collaborations, opportunities to present research at conferences and workshops, and an academic environment for developing a research career in high-energy nuclear physics..	
<b>Qualification</b>	First class Master's Degree in Physics (or equivalent) with a minimum of 60 % marks (or equivalent CGPA) from a recognized University (or equivalent) +GATE/NET qualified. Those who are not GATE/NET qualified shall be considered for the post lower than JRF as per Government of India norms. Candidates with a background in high-energy physics, particle physics, or related areas will be preferred. Prior experience or strong interest in numerical computation and/or theoretical calculations will be an added advantage.	
<b>Upper Age Limit</b>	28 years as of the date of the interview. Age relaxation is allowed as per government rule	
<b>Fellowship/Stipend</b>	Rs. 37,000/- per month as JRF for NET/GATE Qualified Candidates Rs. 30,000/- per month as Project Associate-I for Non Net/GATE Qualified Candidates	
<b>Registration for PhD</b>	Selected candidates may be permitted to register for the PhD program of BITS Pilani, subject to fulfilling the requirements of the PhD qualification process as per the institute norms.	

<b>How to Apply</b>	<b>Email the following documents to: <a href="mailto:arpan.das@pilani.bits-pilani.ac.in">arpan.das@pilani.bits-pilani.ac.in</a> with</b> Subject line as ‘ <b>Application for JRF/PA- ANRF Project</b> ’ a. <b>CV</b> (Mention past education, technical skills, research experience, publications, etc.) b. <b>Cover letter</b> and contact details of at least two academic referees. c. Copy of the NET/GATE/National-level exam score card ( <b>if applicable</b> ).
<b>Selection Process</b>	Candidates will be shortlisted based on their merit, experience, and as per the requirements of the project. Shortlisted candidates will be informed of the interview, which will be conducted through online mode. <b>Only qualified and suitable candidates will be called for an interview.</b>

**Application Deadline: 20 July 2026**

