



# Banwarilal Bhalotia College

Constituent College of the KAZI NAZRUL UNIVERSITY, Asansol  
(GOVT. SPONSORED U. G. & P. G. College)

## Recruitment for the post of “Junior Research Fellow” under SERB funded project

Applications are invited from motivated and eligible candidates for one JRF position in the SERB-sponsored research project on studying “**Ionospheric effect on the redshifted 21-cm radio-interferometric observations with uGMRT and satellite observations**”. The project involves radio interferometric observations, data analysis, and theoretical interpretations of uGMRT and GPS satellite data.

College invites applications from Indian nationals for the following position on contract basis:

<b>Name of the post</b>	<b>Junior Research Fellow</b>
<b>Name of the project</b>	<b>Ionospheric effect on the redshifted 21-cm radio-interferometric observations with uGMRT and satellite observations</b>
<b>Funding Agency</b>	SERB, Department of Science and Technology, Govt. of India
<b>Investigators</b>	Dr. Abhik Ghosh (PI), Dr. Sushanta Kumar Mondal, Dr. Parimal Ghosh
<b>Project Code</b>	SUR/2022/000595
<b>Minimum Essential:</b>	<b>Essential:</b> <ul style="list-style-type: none"><li>• Master degree in Physics/Astrophysics or any equivalent discipline (with a minimum of 55% marks) and Qualified CSIR – NET (Physics)/ LS / GATE (Physics) / National Level Test conducted by Central Govt. Depts./ WB SET/ RET qualified (written &amp; interview)/ UGC accredited test conducted by the state agency in India.</li></ul> <b>Desirable:</b> <ul style="list-style-type: none"><li>• Experience in analysing various Astronomical data sets, familiarity with a radio interferometer</li><li>• Computational skills – Python/C</li></ul>
<b>Fellowship</b>	Rs. 31000/- + Applicable HRA per month (Consolidated)
<b>Age</b>	Not more than 28 years as on closing date of advertisement
<b>No. of post</b>	One (1)
<b>Tenure</b>	The position is temporary and renewable every one year subject to satisfactory performance. The position is co-terminus with the project. Project Time period: 36 months
<b>Start date</b>	<b>August 2023, tentative</b>

### **How to Apply:**

The search will commence immediately and continue until the position is filled. Candidates interested in this position should email their Curriculum vitae to Dr. Abhik Ghosh via email: **abhik.physicist@gmail.com**. Please mention "Application for JRF position" in the subject line. Only shortlisted candidates will be called for an interview. Interviews will be held at Banwarilal Bhalotia College, Asansol, 713303, WB. No TA/DA will be paid for appearing in the interview.

Relevant certificates and other testimonials in support of age, qualification, experience, etc. would be collected at the time of interview (in case of physical interview). Applicants must bring all the original certificates at the time of interview for verification, along with one set of photocopies. For distant candidates, online interviews will be arranged.

### **GENERAL INFORMATION / DETAILS ABOUT THE POST:**

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in Banwarilal Bhalotia College.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project.
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of the same does not entitle candidates to be called for the interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the PI may restrict the number of candidates for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. The selected candidate will have to join duty immediately on receipt of the offer.
8. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
9. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.
10. The selected candidate can also apply for the regular Ph.D. program at Sidho Kanho Birsha University (SKBU) University, Ranchi Road, P.O.- Purulia Sainik School - 723104, provided he/she satisfies eligibility criteria.