



**NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR**  
(An Autonomous Institute of National Importance under the aegis of the Ministry of Education, Govt. of India)  
Hazratbal, Srinagar, Jammu and Kashmir - 190006, INDIA

## DEPARTMENT OF PHYSICS

### Advertisement for the Post of Junior Research Fellow under BRNS-DAE Funded Project

Applications are invited for the Post of Junior Research Fellow (JRF) to join the BRNS-DAE funded project entitled “Compositional engineering of AREXO<sub>4</sub> (A= Li, K, Cs; RE=Gd, Y, Lu; X=Si or Ge) type of phosphor compounds for X-ray imaging technologies via their storage/scintillation characteristics”. The details of position and minimum qualifications are as follows:

Name of Position	Junior Research Fellow (JRF)
Number of Positions	One
Nature of Work	Research
Duration of the Project	3 Years
Other Benefits	The selected candidates can register for the PhD degree at NIT Srinagar as per the Institute rules.
Fellowship	Rs. 37,000/- for the 1 <sup>st</sup> and 2 <sup>nd</sup> years and Rs. 42,000/- for the 3 <sup>rd</sup> year + HRA (HRA will be subjected to approval from BRNS)
Title of the Sponsored Project	Compositional engineering of AREXO <sub>4</sub> (A= Li, K, Cs; RE=Gd, Y, Lu; X=Si or Ge) type of phosphor compounds for X-ray imaging technologies via their storage/scintillation characteristics
Funding Agency	BRNS-DAE
P.I / Co-PI	Dr. Vijay Kumar/ Dr. P. S. Sarkar/ Dr. Mohit Tyagi
Department	Physics
Educational Qualification	M.Sc. in Physics with 60% marks or equivalent CGPA and must have cleared one of the National Level Test viz. CSIR-UGC NET / LS / GATE. For detailed guidelines, please refer to the official website of BRNS: <a href="https://brns.res.in/index.php">https://brns.res.in/index.php</a>
Age Limit	28 Years (Maximum) on the last date of application submission.
Age relaxation	Upper age limit is relaxable upto 5 years for SC / ST / OBC / Women and physically challenged (PwD) candidates.
Last date of receiving the application	within 15 days from the date of issue of this advertisement

### **Important Instructions to the Applicants:**

1. The position is purely temporary. In case of unsatisfactory or poor performance, the engagement can be terminated at any time by serving one months' notice in advance.
2. The selected candidate may also be considered for enrollment in the Ph.D. program in the Department of Physics, NIT Srinagar (J&K) subject to fulfillment of the eligibility criteria, rules, and other terms & conditions set by the Institute.
3. Interested candidates may send their applications in the prescribed format (copy enclosed) mentioning all the relevant details like personal information, academic qualifications, courses taken in M.Sc. and award of UGC-CSIR-NET/LS/GATE, etc. along with scanned copy of all the certificates and documents
4. Interested candidates are requested to submit their applications in the enclosed prescribed format to the **Principal Investigator of the Project** through email at - [vijaykumar@nitsri.ac.in](mailto:vijaykumar@nitsri.ac.in) within 15 days from the date of issue of this advertisement.
5. Only shortlisted candidates will be called for personal interviews. Such candidates will be informed via email about the date and place of the interview. No TA/DA will be paid for attending the interview.
6. At the time of the interview, the candidates are required to produce all the original certificates right from 10<sup>th</sup> standard onwards, testimonials, caste certificate (if applicable), experience certificate (if any), certificates of NET/GATE qualifications, any other testimonials and a copy of duly signed Curriculum-Vitae (CV).

For further details, the prospective applicants may contact:

**Dr. Vijay Kumar**

Principal Investigator

Assistant Professor of Physics

National Institute of Technology, Srinagar - 190006 (J&K)

Email: [vijaykumar@nitsri.ac.in](mailto:vijaykumar@nitsri.ac.in)

Mobile: 6005495506

**Application for the Position of Junior Research Fellow in the Department of Physics,  
NIT Srinagar (J&K) under the BRNS-DAE Funded Project**

(Please enclose a copy of bio-data/ resume/ curriculum vitae)

**1. Personal Particulars:**

Name of the Post:

Candidate's Full Name (As per SSLC Mark sheet):

Father's Name:

Date of Birth of Candidate:

Age as on last date of the Application:

Nationality:

Gender:

Marital status:

Category (SC/ST/OBC/PWD/Open):  
(For age relaxation only)

Address for Communication:

Paste here  
a recent  
passport  
size

Contact No.:

E-mail ID:

**2. Educational Qualifications Starting from X<sup>th</sup> / SSLC:**

<i>Degree</i>	<i>Specialization/ subjects</i>	<i>Board / University</i>	<i>Year of Passing</i>	<i>Class / Div.</i>	<i>Percentage / CGPA</i>
Secondary					
Sr. Secondary					
B.Sc.					
M.Sc.					
Any Other					

**3. Academic Record: GATE/ CSIR - NET qualification details with percent marks/ Rank, year of qualifying, etc.:**

<i>Score</i>	<i>Year Qualifying</i>	<i>Score</i>	<i>All India rank</i>
NET			
GATE			
Any other			

**4. List of Publications/ Conferences Attended, etc.** (The information may be provided on a separate sheet):

**6. Are you currently working in Central / State / Semi-Govt / PSU / Autonomous Bodies of the Govt.?** (If yes, please submit NOC issued by your present employer):

**7. Present Position / Designation:**

**5. If selected, time required to join:**

**7. Any other information you wish to mention:**

**7. Declaration:**

I hereby declare that I have carefully read and understood the instructions given in the Advertisement. All information furnished in this form as well as the attached documents are true and correct to the best of my knowledge and belief. I fully understand that if it is found at a later date that any information given in the application is incorrect / false or if I do not satisfy the eligibility criteria, my candidature/appointment is liable to be canceled / terminated.

Date:

**Signature of the candidate**