

Department of Physics
University of Kerala
Thiruvananthapuram-695581,INDIA

Advertisement for the Post of Junior Research Fellow (JRF) in Physics in a SERB funded project

Applications are invited from **highly motivated and dedicated candidates** for the post of **Junior Research Fellow (JRF) in Physics** for a purely time-bound project in the **Department of Physics** of University of Kerala, Thiruvananthapuram, India funded by **Science Engineering Research Board (SERB)**.

1.	Name of the Post	Junior Research Fellow (JRF) leading to Ph.D. from the University of Kerala
2.	Number of Posts	One(01)
3.	Name of the Research Project	Development of Near Infrared LEDs through Tailoring Photophysical Response of Garnet Based Phosphors for Biological Windows
4.	Name of the Sponsoring Agency	Science and Engineering Research Board (SERB) CRG/2023/007180 dated 17 February, 2024
5.	Duration of the Project	Three years
6.	Duration of the Position	Initially the position is for six months and will be extended on the basis of half yearly evaluation or co-terminus with project
7.	Consolidated Monthly Salary	INR 31,000/- per month + HRA (1 st and 2 nd year) INR 35,000/- per month + HRA (3 rd year)
8.	Essential Qualifications	First Class M.Sc. in Physics or equivalent degree from recognized institutes with CSIR-NET/GATE or equivalent qualification as per the SERB norms
9.	Desirable Qualifications	Experience in synthesis and characterization of inorganic phosphors

The application in the prescribed format with CV and copies of certificates should be sent to the following address on or before 20/03/2024

Dr. Subodh G
Assistant Professor
Department of Physics
University of Kerala.
Kariavattom campus, Thiruvananthapuram – 695581.

Mode of Selection: Interview

Venue: Department of Physics, University of Kerala, Kariavattom-695581, Thiruvananthapuram, Kerala.

Date and Time: Will be informed later.

Terms and conditions:

- (i) The recruitment of the JRF is for six months and may be extended for another two and half years based on the performance.
- (ii) JRF post is purely temporary, the candidate shall not claim regular appointment at this Institute, as the post is co-terminus with the project.
- (iii) **Candidate selected for this position can also apply for the regular PhD program of the University of Kerala.**
- (iv) The JRF is full time worker and is required to adhere to the administrative, financial and disciplinary regulations of the University of Kerala, hence regular attendance of the JRF will be maintained.
- (v) **The candidates will have to compulsorily bring all the original certificates from matriculation onwards, date of birth certificate, NET/equivalent certificate, degree certificate either original or provisional and one set of the self-attested photocopies of all the required certificates from matriculation onwards, proof of experience and publications (if any) during the time of interview.**
- (vi) **No TA/DA will be paid for attending the interview**
- (vii) Concealing of facts or canvassing in any form shall lead to disqualification or termination of such candidate.

forward by HEP
Head
Department of Physics,
University of Kerala
Kariavattom - 695 581

Subodh G.
Dr. SUBODH G.
Assistant Professor
Department of Physics
University of Kerala
Thiruvananthapuram - 695 581

Application for Junior Research Fellow (JRF) in Physics

1. **Name** :

2. **Address** :

Photo
(Passportsize)

3. **Mobile No** :

4. **Email ID** :

5. **DateofBirth** :

6. **Nationality** :

7. **Gender** :

8. **CompleteAcademicRecord(StartingfromXstandard)**

Sl No.	DegreeandSpecialization	University/Institute	YearofCompletion	Division

9. **AreasofInterest:**

10. **Publications/Conference Publications(National/International)**
11. **Research experience apart from Masters Research, relevant to the Project**

12. **If GATE/NET/Equivalent qualification:**
(If yes, attach the copy of certificate)

13. **. Why you want to do this project entitled “Development of Near Infrared LEDs through Tailoring Photophysical Response of Garnet Based Phosphors for Biological Windows”**

Signature of Applicant

Date :

Place :

Note: Attach self-attested copies of all the relevant documents with the application.