



**Department of Physics**  
University of Rajasthan, Jaipur-302004, India

**Advertisement for the position of Junior Research Fellow (JRF) in a  
SERB-funded research project (EEQ/2018/000811)**

Ref.: No. PHY/2020/227

Date: 22/09/2020

Applications are invited from Indian nationals for the position of Junior Research Fellow (JRF) in a SERB funded research project with following details:

**Title of the project:** Design and development of a solar thermal powered cooling system employing solar concentrator developed at SERL

**Principal Investigator:** Dr. Sunita Mahavar, Assistant Professor, Solar Energy Research Laboratory (SERL), Room no. 207, Department of Physics, University of Rajasthan, Jaipur. (Ph. 8239528824; email: smjpr1986@gmail.com)

**Name and Number of the position:** Junior Research Fellow (01)

**Essential qualifications:** M.Sc. (Physics/Energy); M.Tech. (Energy/Materials) or equivalent degree with a minimum of 60% aggregate score (6.5 grade points on a scale of 10). For SC/ST category, the candidate must have secured a minimum of 55% aggregate score (6.0 grade points on a scale of 10) in masters' degree (Preference will be given to CSIR/UGC JRF-NET/GATE qualified candidate).

**Desirable:** Specialization/student project in solar energy, computer basic and software knowledge.

**Age limit:** 30 years. Relaxation for SC/ST/OBC candidate as per Government of India norms.

**Salary:** For NET/GATE qualified/M.Tech. candidate Rs. 25,000/. + 20% HRA/month (sanctioned by funding agency). For others Rs. 16,000/. + admissible HRA/month.

**Duration:** 17 Months or up to the termination of project, subject to annual performance review

**How to apply:** Interested candidates must apply on the application form attached with this advertisement. Duly completed **application form along with candidate's resume** must be mailed (at department address) or emailed to the PI Dr. Sunita Mahavar (smjpr1986@gmail.com) by **Sunday, 04 Oct. 2020**. Only shortlisted candidates will be called for interview (informed by email) and no TA/DA will be paid for attending the interview. The position is **available immediately**

**Note:** The candidate selected for the position of JRF will have the option to register for PhD program at University of Rajasthan. However, for admission to Ph.D. program the candidate must meet certain eligibility requirements and also qualify the written examination and interview as per University process.

**Dr. Sunita Mahavar**  
(Project PI)

Assistant Professor,  
Department of Physics,  
University of Rajasthan, Jaipur,

**Dr. Rashmi Raniwala**  
Head, Department of Physics  
Head of the Dept. of Physics  
University of Rajasthan, JAIPUR

NO. PHY/2020/229.

To

22/09/2020

**The Director  
Infonet Centre  
University of Rajasthan,  
Jaipur**

Subject: Regarding the advertisement of a junior research fellow (JRF) under SERB (File no. EEQ/2018/000811) sponsored research project

Respected Sir,

This is to bring in your kind notice that I, Sunita Mahavar, am working as Assistant professor in the department of Physics. The current JRF has been resigned from this position so, for the appointment of JRF under the above-mentioned project, I kindly request you to allow me to readvertise the position at University site for the recruitment according to the University and SERB rules. Advertisement and application form are attached with this letter.

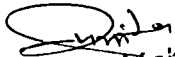
I shall be highly obliged for your kind co-operation.

Thanking you.

Forwarded by



**Head, Department of Physics**  
University of Rajasthan, Jaipur.  
**Head of the Deptt. of Physics**  
University of Rajasthan, JAIPUR



**Dr. Sunita Mahavar**  
PI(SERB/ EEQ/2018/000811)-project)  
Assistant Professor  
Department of Physics,  
University of Rajasthan, Jaipur.

List of enclosures:

- 1 Project sanction letter
- 2 Advertisement with Application form

**Application Form**

**JRF position in a SERB-funded project [EEQ/2018/000811]**

Passport size  
photo

<b>Personal Details</b>			
Name			
Date of Birth DD/MM/YY		Category Gen/SC/ST/OBC	
Material Status Married/Unmarried		Gender Male/Female	
Nationality			
Mailing address	Permanent address		
Mobile/Phone No.		Email	

<b>Education (Starting from matriculation)</b>						
S.No.	Degree	Subject	Board/University/College	Year	% Marks/CGP	Division
1.						
2.						
3.						
4.						

<b>Qualifying Examination (CSIR/UGC/NET/GATE/Others)</b>				
Examination	Year	Valid up to	Percentile	All India Rank

**Professional Experiences (Teaching/Research project/Industrial)**

**Research Publication**

**Awards and Prizes**

**Any other relevant information**

**DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the University.

I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Place:

Date:

Name & Signature of the applicant