

ADVERTISEMENT FOR A RESEARCH SCHOLAR (IN EXPERIMENTAL SOLID STATE PHYSICS)

Ref.: SSM/111/19

Date – June 10, 2019

Last Date: Until filled

Applications are invited from suitable candidates for a research position in a project sponsored by the UGC-DAE Consortium for Scientific Research, Kolkata Centre. The position is available in the Dept. of Physics, Surya Sen Mahavidyalaya, Siliguri, WB. The details are given below

Position: Project Fellow / Project Associate-I

Number of Post: 1

Tenure: 3 years (Appointment for 1 year initially, renewable after every one year subject to satisfactory performance of the candidate. After 2 years, the salary and designation will be enhanced as per the table given below.)

Nature of Position: Purely temporary, coterminous with the tenure of the research scheme

Department: Physics

Project Title: Magnetoelectric properties of $ABaB_4O_7$ “114” oxides A =Lanthanides/Ca/Y, B =Co/Fe/Mn

Supervisor / Principal Investigator (PI): Dr. Arindam Karmakar

Sponsoring Authority: UGC-DAE Consortium for Scientific Research, Kolkata Centre.

Designation, Remuneration and Minimum qualifications are as per the table below. ★

Designation	Fellowship	Minimum qualifications ▲
Project Fellow	Rs. 14,000 per month + HRA	Science: 2nd class M.Sc. with a minimum of 55% marks or Engineering: 1st class B.E. / B.Tech.degree
Project Fellow	Rs. 16,000 per month + HRA	After 2 years , if the research work is found satisfactory on assessment with at least one research paper in a reputed journal out of the work done under the project
Project Associate-I	Rs. 25,000 per month + HRA	Science: 2nd class M.Sc. with a minimum of 55% marks + GATE / NET JRF / LS (CSIR-UGC Joint Test / SET) or Engineering: M.E. / M.Tech. with a minimum 55% marks. GATE not mandatory.
Project Associate-II	Rs. 28,000 per month + HRA	After 2 years as Project Associate-I , if the research work is found satisfactory on assessment with at least one research paper in a reputed journal out of the work done under the project

★ As per order no. UGC-DAE-CSR-KC/CRS/19/MS05/0936 dated 10.05.2019

▲ Subjects corresponding to the minimum qualifications may indicate Physics / Applied Physics / Materials Science / others relevant to the field (“relevance” will be as per the discretion of the short-listing authority).

Collaborating Institute:

UGC DAE Consortium for Scientific Research

Block LB, Plot 8, Sector III, Bidhan Nagar, Kolkata - 700 106

(Located inside Jadavpur University, Salt lake Campus, Near Chingrighata, Kolkata)

Nature of Job: Experimental research works in the field of magnetism and dielectric studies.

Place of Job: Major portion of the experimental work will be performed at the UGC DAE CSR, Kolkata Centre, which has state-of-the-art experimental facilities for the purpose. The candidate is therefore required to stay in Kolkata (near the institute) for the major portion of the year. The candidate also needs to make own arrangements for the stay (suitable rented accommodation or mess are readily available at Beliaghata, Kolkata which is close to the institute). For the rest of the time the candidate shall visit the host institute, Surya Sen Mahavidyalaya, Siliguri. TA is admissible for visit to the collaborating institute, as per rules.

Job Description: The candidate is expected to perform the following duties in general

- Materials preparation in the solid state
- Perform experiments for measuring dielectric and magnetic properties of the materials
- Develop customized computer programs for running specific experimental protocols
- Data analysis
- Publication of results

How to Apply:

Interested candidates are required to send a CV (in the given format) with complete qualifications and experience details to Dr. Arindam Karmakar by email at the following id

a.karmakar.ssm@gmail.com

with “**Application for research fellow in CRS project**” as the subject line. Only short-listed candidates will be called for interview. The candidates are required to attend the interview at Surya Sen Mahavidyalaya, Siliguri, WB, at their own cost (at the address of the undersigned, as given below). No TA/DA will be provided for the purpose.

Format for the CV: follow link given in the website

Applicants may contact PI at the email id a.karmakar.ssm@gmail.com for any query.

Dr. Arindam Karmakar

Assistant Professor

Department of Physics,

Surya Sen Mahavidyalaya,

Block B, Surya Sen Colony,

P.O. Siliguri Town, Dist. Jalpaiguri,

WB, Pin - 734 004

Format for CV

1. Name in full
2. Father's / Husband's name
3. Date of Birth
4. Nationality
5. Gender
6. Mobile number
7. Email id
8. Address for correspondence
9. Permanent address
10. Detailed educational qualification in chronological order starting from 10th standard (include Course name, University/Institute/Board, Year of passing, Specialization, Percentage of marks, Grade wherever relevant)
11. Whether NET/GATE/SET qualified
12. Awards (if any)
13. Brief details of M.Sc. or M.Tech. projects performed (max 500 words)
14. Professional training (if any)
15. Research experience (if any) (max 300 words)
16. Experimental expertise (if any) (max 300 words)
17. Publications (if any)
18. Any other relevant information (max 300 words)

Declaration

I certify that the above information is correct and complete to the best of my knowledge and belief and nothing has been concealed / distorted. If at any time I am found to have concealed / distorted any material/information, my engagement shall be liable to be summarily terminated without notice/compensation.

Place:

Date:

(Signature of Candidate)