



# DIAMOND HARBOUR WOMEN'S UNIVERSITY

## A WALK-IN-INTERVIEW FOR PROJECT- JRF

A walk-in-interview will be held at Diamond Harbour Women's University Camp Office, (GD 192 Sector 3, South Bidhan Nagar PS, Salt Lake, Kolkata 700106) on 4<sup>th</sup> May, 2019 from 11:30 AM to 3:30 PM to select dynamic and highly motivated **female** candidates for one JRF position to work in a Science & Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India, funded research project entitled "**Development of stable lead-free perovskite material for solar cell application**" file no ECR/2018/000428 .

**Principal investigator:** Dr. Sudip Kumar Saha, Assistant Professor, Physics Department, Diamond Harbour Women's University

Details of the project is given below,

<b>Position</b>	Junior Research Fellow (JRF)
<b>Number of Position (s)</b>	01 (one)
<b>Title of The Project</b>	Development of stable lead-free perovskite material for solar cell application.
<b>Principal Investigator</b>	Dr. Sudip Kumar Saha, Assistant Professor, Department of Physics, Diamond Harbour Women's University
<b>Tenure of Project</b>	3 years
<b>Job Description</b>	Organic-inorganic metal halide perovskite is the center of attraction of scientific community due to its physical properties and their optoelectronic application. Scientist, especially in the field from solar energy show intense interest towards organic-inorganic metal halide due to their optoelectronic properties. Solar cell performance using perovskite shown rapid improved from ~3.8 % to more than 22% just in last few years. One of the major concerns associated with this perovskite is the toxicity of lead. A key scientific challenge is to replace the lead in the perovskite crystal with a less toxic material.
<b>Essential Qualification</b>	M. Sc. or M. Tech. (Physics/ Chemistry/ Chemical Engineering or Nanotechnology or allied subjects) with minimum 55% marks or equivalent CGPA/DGPA. For SC/ST/OBC age relaxation as per Govt Rule.
<b>Desirable Qualification</b>	Qualified GATE/NET.
<b>Age and Relaxation (if any)</b>	28 years; relaxation for SC/ST/OBC/PH candidates as per Govt rule.
<b>Fellowship</b>	As per SERB Norms

Candidates will be informed about the selection by email. No TA/DA will be paid to attend the interview. Preference will be given to those candidates having some previous knowledge in this field. Non NET/GATE fellows may be appointed in case of non-availability NET/GATE qualified candidates and their fellowship amount will be as per SERB Norms.



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The position is temporary and renewable each year subject to satisfactory performance, till the end of the project.

Filled in application form (soft copy in pdf format) may be sent to “**sudipsaha.dhwu@gmail.com**” by email no later than May 3<sup>rd</sup>, 2019. Subject of the email should contain “Application for Junior Research Fellow in DHWU-SKS”.

Original documents of age proof/certificates/degrees/mark-sheets and other testimonials must be presented at the time of interview. Photocopies of all the testimonials must be submitted at the time of interview.

Candidate must bring with her the self-attested hard copy of the duly filled in application form.

Candidates will be short listed based on merit and need of the project. The authority reserves the right of accepting/rejecting any or all applications without assigning any reason thereof.

No TA/DA will be provided for attending the interview.



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Diamond Harbour Road, Sarisha, South 24 Parganas  
West Bengal- 743368. India

## WALK-IN-INTERVIEW

Recent  
Passport size  
photograph

- **Venue : University Camp Office** (GD 192 Sector 3, South Bidhan Nagar PS, Saltlake ,  
Kolkata 700106
- **Advertisement No. :**

1. Name of the Candidate in full (**BLOCK LETTER**): \_\_\_\_\_
2. Father's / Guardian's / Husband's name : \_\_\_\_\_
3. Position(s) applied for : \_\_\_\_\_
4. Post code/codes applied for : \_\_\_\_\_
5. Discipline : \_\_\_\_\_
6. Sex : \_\_\_\_\_
- 7 Address for correspondence (**BLOCK LETTER**) : \_\_\_\_\_  
(Also indicate e-mail address & phone no.) \_\_\_\_\_
- e-mail : \_\_\_\_\_ Ph. No. \_\_\_\_\_

8. Date of Birth : 

Day		Month		Year	
				1	9
9. Age as on date of walk-in-interview : 

Years		Months		Days	
10. Are you an Indian citizen by birth or by domicile? : \_\_\_\_\_
11. State whether you are SC/ST/OBC/PH/Ex.SM/Gen: \_\_\_\_\_
12. Whether belonging to Minority Community as per Govt. Orders, (Yes/No) \_\_\_\_\_
13. Whether qualified in NET/SET/SLET/GATE/else#: \_\_\_\_\_

14. Particulars of qualification commencing with Matriculation/SSC or equivalent examination:

Degree/ Examination	Year	Board/College/ University	Division with percentage of marks	Subjects (underline specialization)

15. Particulars of post-qualification experience : \_\_\_\_\_

I \_\_\_\_\_ hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief and in the event of any of the information being found false or incorrect or any ineligibility being detected before or after the test / interview, my candidature is liable to be cancelled.

Date : \_\_\_\_\_

\_\_\_\_\_  
(Signature of the Candidate)

**Encl. : Self Attested copies of relevant documents.**