



DIAMOND HARBOUR WOMEN'S UNIVERSITY

Advertisement for Junior Research Fellow (JRF) Position

Applications are invited from dynamic and highly motivated female candidates for the position of one Junior Research Fellow (JRF) in Science & Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India, Sponsored Research Project entitled "**Development of stable lead-free perovskite material for solar cell application**" file no *ECR/2018/000428* in the Department of Physics, Diamond Harbour Women's University.

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

Details of the project is given below,

Position	Junior Research Fellow (JRF)
Number of Position (s)	01 (one)
Title of The Project	Development of stable lead-free perovskite material for solar cell application.
Principal Investigator	Dr. Sudip Kumar Saha, Assistant Professor, Department of Physics, Diamond Harbour Women's University
Tenure of the Position	Till the completion of the Project (Approximately One Year)
Job Description	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.
Essential Qualification	M. Sc. in Physics with minimum 55% marks or equivalent CGPA/DGPA.
Desirable Qualification	Qualified GATE/NET.
Age and Relaxation (if any)	28 years; relaxation for SC/ST/OBC/PH candidates as per Govt rule.
Fellowship	As per SERB Norms

Preference will be given to the candidate who has qualified in at least one of the following national level examinations:

1. CSIR-UGC National Eligibility Test (NET) including JRF and lectureship (Assistant Professorship).
2. With a valid GATE score.
3. Any national level examination in Physics conducted by the following agencies of the Central Government of India:– DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER



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The position is purely temporary

Please submit your application using the link <https://forms.gle/twjwrAgRtYMsLy6PA>
On or before 6 pm 26.12.2020.

The date and mode of interview will be notified in due time.

For further details please write to sudipsaha.dhwu@gmail.com

Please Note:

1. Candidate should ensure their eligibility for the post before applying. Ineligible candidates will not be allowed. Shortlisted candidates will be called for online/walk-in interview.
2. The assignment is purely temporary in nature and is co-terminus with the project.
3. No TA/DA will be paid for appearing in the interview and/or joining the position.
4. All the terms & conditions for this recruitment will be as per the guidelines of SERB, DST, Govt. of India and DHWU, South 24 Pgs. Institute reserves the right to cancel the recruitment without assigning any reason whatsoever.
5. The selected candidate will be required to work in the Department of Physics, of Diamond Harbor Women's University.
6. Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview along with self-attested copies.