



## ADAMAS UNIVERSITY

(Established by the WB Act IV of 2014, passed by the WB Legislative Assembly and Recognized by UGC & AICTE)

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### ADVERTISEMENT FOR THE RECRUITMENT OF JUNIOR RESEARCH FELLOW (JRF)

Advt. No.: AU/R&D/PROJECT/STAFF/01/2022

Dated 18.02.2022

Applications are invited from Indian nationals only for the **Junior Research Fellow** position, for Science and Engineering Research Board (SERB) & Department of Science and Technology (DST, Govt. of India) sponsored research project (Reference No. CRG/2021/008376) under the supervision of Dr. Tuhin Bhadra (PI), Dr. Abinit Saha (Co-PI) and Dr. Kasturi Mukherjee (Co-PI) in the Department of Geography, School of Basic and Applied Sciences (SoBAS) Adamas University, India as per the details mentioned below:

1. Title of the Project	Assessing the Potential of River Restoration and Reconnection in the Western Ganges Delta towards Improving Freshwater Availability for Sustainable Agriculture and Mangrove Forest Ecosystem in the Indian Sundarbans.
2. Funding Agency for the Project	Science and Engineering Research Board (SERB) & Department of Science and Technology (DST, Govt. of India)
3. Project Positions and Number	Junior Research Fellow (JRF), One
4. Essential Qualifications	<ul style="list-style-type: none"><li>M.A. /M.Sc. in Geography, M.Sc./M.Tech in Geology/Earth Science/Environmental Science/Hydrology/Remote Sensing and GIS/Geoinformatics/Water Resource Management.</li><li>M.E. /M.Tech. in Civil Engineering with specialization in water resource management.</li></ul> <p><b>*with at least 60% marks (or a CGPA of 7.0 on a 10-point scale) with NET/GATE.</b></p>
4. Desirable Qualifications	<ul style="list-style-type: none"><li>Knowledge of Hydrological Modelling (i.e. SWAT), Hydro-Dynamic Modelling (i.e. HEC-RAS), and basic knowledge of Python/R programming.</li><li>Skills to handle remote sensing and GIS software.</li><li>Skills to conduct field surveys.</li><li>Knowledge about the study area (i.e. Indian Sundarbans).</li><li>Skills in scientific report writing and publications in peer-reviewed journals.</li></ul>
5. Age Limit	28 years with relaxation to SC/ST/OBC candidates as per Government of India norms.
5. Duration	3 Years or till the completion of the project, whichever is earlier. The initial appointment will be for one year, extendable up to 3 years based on the satisfactory performance of the JRF.
6. Job Description	Primary and secondary data collection, field investigation, hydrological and hydrodynamic model calibration, and validation, analysis of remotely sensed data, map preparation and report writing.
7. Emoluments	Rs.31000/Month + HRA
8. Principal Investigator (PI)	Dr. Tuhin Bhadra (Assistant Professor, Dept. of Geography)
9. Co-Principal Investigator (Co-PI)	Dr. Abinit Saha (HOD, Dept. of Biotechnology) Dr. Kasturi Mukherjee (HOD, Dept. of Geography)

- Candidates desiring to appear for the Interview should submit their applications to the Principal Investigator (PI) through email to [tuhin.bhadra@adamasuniversity.ac.in](mailto:tuhin.bhadra@adamasuniversity.ac.in)
- The application should be submitted only in the prescribed format.
- Submit self-attested soft copies of mark sheets, degree certificates, and experience certificates with the application.
- Candidates shall bring along with them the original certificates at the time of interview for verification.
- Please note that no TA/DA is admissible for attending the interview.
- The last date for receiving the application is on or before **15.03.2022**.

Sd/-  
Dean (Research & Development)