

JOB DESCRIPTION

Joining date: June 9, 2026

Salary: 30,000/- per month.

Duration: Upto 31st May, 2027 (11 months 22 days; subject to performance and review)

Position Title: Project Associate	Designation: ---
Reporting to: Professor Samyaday Choudhury	School: School of Arts and Sciences
<p>About the University/School/Centre: Ahmedabad University is a private, non-profit research university that offers students a liberal education focused on interdisciplinary learning and research thinking.</p>	
<p>Role Summary: The Astronomy & Astrophysics group at Ahmedabad University is accepting applications for the position of a Project Associate to work on a project titled “<i>Probing stellar populations in the Magellanic Bridge–using the UVIT/AstroSat and multi-wavelength data</i>”. The Project Associate would work towards problems concerning the recent star formation history of the Magellanic Clouds and their metallicity mapping. The Project Associate will work with Professor Samyaday Choudhury under Ahmedabad University’s start-up research grant (Ref no. URBSASI24A4), and his collaborators. Strongly motivated candidates from all genders and diverse backgrounds are encouraged to apply for this position.</p>	
<p>Key Responsibilities:</p> <ul style="list-style-type: none"> • Conducting analysis of multi-wavelength photometric data sets (e.g. AstroSat/UVIT, GALEX, <i>Gaia</i>, VISTA/VMC) from surveys using stellar evolutionary models and statistical methods. • Conducting analysis of spectroscopic data sets using stellar atmospheric models and statistical methods. • Presenting results in conferences and meetings. • Assisting in drafting journal articles. • Providing services related to the functioning of Astronomy & Astrophysics group and activities of IUCAA Centre for Astronomy Research and Development (ICARD), at Ahmedabad University. 	
<p>Key Skills:</p> <ul style="list-style-type: none"> • Strong coding skills in Python and/or other computer languages. • Proficiency in statistical techniques (e.g. curve fitting, Bayesian statistics), computation, and numerical methods. • Familiarity with Linux OS. • Good communication skills in English. 	
<p>Qualification:</p> <p>- MSc/MS/ME/Mtech/BS-MS from a recognized University or Institute. OR - BE/Btech from a recognized University or Institute.</p> <p>Candidates with the following Experience may be given preference: Demonstrated an inclination towards Observational Astronomy & Astrophysics in the past, which could include (but are not limited to) crediting courses, and carrying out projects in Astronomy & Astrophysics; Demonstrated ability to handle big-data in Astronomy; Proficiency in machine learning techniques and usage of HPC.</p>	
<p>How to Apply:</p> <ol style="list-style-type: none"> 1. Deadline: May 26th 2026 2. The candidates should apply by filling up this Google Form (https://forms.gle/FTQDvXqagm1tKqyLA), and uploading the link of their completed application (as prescribed in item 3 below) in this form. 3. Application format: (i) a “<i>Cover Letter</i>”, which must not exceed 1 page. The letter must mention why the candidate is interested in this position and the relevant skills and experiences from past projects/courses [NOTE: AI-generated applications shall be rejected]. (ii) CV – must also include two Referees’ names, designation, affiliation, and email addresses. (iii) Marksheet of undergraduate and postgraduate degrees (as applicable). (iv) combine all documents as a single PDF (<10 MB max), name file as “PA-Bridge26-firstname_lastname.pdf”, upload in a Google Drive and share the link in the Google Form, and ensure EDITOR/DOWNLOADABLE rights are shared with samyaday.choudhury@ahduni.edu.in. Else, the application will not be considered as complete. 4. Shortlisted candidates will be contacted, and further information will be provided. Any questions regarding the project should be directed to samyaday.choudhury@ahduni.edu.in 	