



INTER-UNIVERSITY CENTRE FOR ASTRONOMY AND ASTROPHYSICS

(An Autonomous Institution of the University Grants Commission)

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CEFIPRA Junior Research Fellowship in Galaxy Structure and Evolution at IUCAA, Pune

**The Position is available immediately.*

Applications are invited for a Junior Research Fellowship for a period of three years based at Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, India. The position is funded by the CEFIPRA - Indo-French Center for the Promotion of Advanced Research (IFCPAR) project “**The Assembly history of disk galaxies over the last 8 billion years**”.

The project consists of two broad areas:

1. Analyse multi-wavelength data set, ranging from UV to IR and CO on galaxies in the HST/GOODS field. The UV observations are from the Ultra-Violet Imaging Telescope (UVIT), AstroSat.
2. Perform numerical simulations to understand formation and evolution of structures in disk galaxies over the last 8 billion years.

The successful candidate can choose to work in either of the two areas and will become a member of the project collaboration between IUCAA (Project PI: Kanak Saha) and Observatoire de Paris, France (Project PI: Françoise Combes).

Eligibility Criteria:

The candidate has to be an Indian nationality with an M. Sc. degree in Physics/astronomy with NET qualification. Preference will be given to one having experience in observational astronomy, data analysis, and/or in one or more of the programming languages e.g., Fortran, C++, Python, IDL.

Remuneration/Fellowship:

Fellowship shall be Rs. 25,000/- per month for the first two years and Rs. 28,000/- per month in the third year. The successful candidate will be provided with on-campus accommodation subject to availability and medical benefits as per IUCAA norms. In addition, the candidate will have the opportunity to visit Observatoire de Paris, France for the purpose of project collaboration.

Application Deadline: August 20, 2019

Selection Deadline: September 15, 2019

How to apply:

Interested candidates should submit (i) statement of research interests, (ii) Publication (if any) and (iii) CV by email to **Professor Kanak Saha** at kanak@iucaa.in. In email applications, please mention in the subject line ‘*Application for a Cefipra JRF Fellowship*’. The applicants should also arrange for two letters of recommendation to be sent directly to the same email address before the application deadline. Any academic queries can also be directed to kanak@iucaa.in.