

UNIVERSITY OF CALCUTTA
Department of Physics
92, Acharya Prafulla Chandra Road, Kolkata 700009, India

Applications are invited for the position of a **Research Associate** in the ANRF (Anusandhan National Research Foundation) sponsored research project

“A model independent approach to study the rate of low astrophysical capture reaction involving unstable nuclei”

(**ANRF/ARG/2025/003936/PS**) with the under signed person as the Principal Investigator.

The position is for one year, extendable for 2(1+1) more year subject to the availability of funds. The candidate must have a Ph.D. in Physics (those who have submitted the thesis and awaiting the final degree are also eligible, but if selected, they will get remuneration in the SRF scale till they get the Ph.D. degree).

The field of expertise of the candidate should be Nuclear Physics theory, in particular R-matrix modeling and Hauser-Feshbach calculation of astrophysical capture reaction.

Softcopy applications (pdf format) are to be sent to: ggphy@caluniv.ac.in with Cc: to gautam112@yahoo.com along with at least two recommendation letters (again, softcopy pdf format preferable) definitely within April 15, 2026. The selection will be made shortly afterwards.

The remuneration per month is Rs. 58,000/- (fixed) plus the HRA as permitted by the university, and guided by the rules and regulations of ANRF. The University has no provision for providing accommodation, which will be entirely the responsibility of the candidate.

Gautam Gangopadhyay
Professor, Department of Physics
University of Calcutta
Principal Investigator