

**DEPARTMENT OF PHYSICS**  
*Centre of Advanced Study in Physics*  
**PANJAB UNIVERSITY, CHANDIGARH-160 014 (INDIA)**



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Advertisement for the post of a JRF/Project Fellow

Applications are invited for the post of a JRF/Project Fellow to work in the Inter University Accelerator Centre (IUAC), New Delhi research project entitled “High spin structure and lifetime measurements using Recoil Distance Doppler Shift Method in mass region  $\sim 120$  nuclei”. The aim of the project is to measure the lifetimes of the excited states with high precision using the Recoil Distance Method (RDM) and DSAM. The plunger device, with Indian National Gamma Array (INGA) in coincidence mode, will be used at Pelletron accelerator IUAC, New Delhi. The extracted multi-pole transitions rates will be compared with different nuclear models to study the nuclear structure phenomena. Further information about the project can be obtained by e-mail from Prof. Ashok Kumar ([ashok@pu.ac.in](mailto:ashok@pu.ac.in)). The fellowship is up to **10/12/2021** or co-terminus with project. The candidates who have interest in nuclear structure are encouraged to apply.

**Fellowship: Project Fellow/JRF:** (i) NET/GATE Qualified: Rs. 25,000/- p.m.  
(ii) Non-GATE/Non-NET – Rs. 14,000/- p.m.

**Qualification:**

The person to be considered for appointment as JRF/Project Fellow must have second class master degree with a minimum of 55% marks for general category (50% in case of SC/ST/PH) or M.Phil in the subject concerned or a be appointed as JRF/Project related subject. The candidate to fellow should be below the age of 40 years at the time of appointment having either a valid GATE score/NET/JEST/cleared the Panjab University entrance test.

**How to apply:** Apply Online to the undersigned ([ashok@pu.ac.in](mailto:ashok@pu.ac.in)) with Bio-data (matriculation onwards) accompanied by attested copies of your Certificates Degrees. Kindly mention the above project title, your detail contact address, E-Mail. Cell No, Telephone No etc. Interview may also be held Online.

**Last date: 05-01-2021**

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