

## Bhabha Atomic Research Centre

### Research Associate (RA) Position under DAE-BRNS Project with PRF

Applications are invited for a position of Research Associate (RA)/PDF at Nuclear Physics Division, BARC, Mumbai for a project entitled '**Development of SiPM based scintillation detector for fast timing applications in nuclear physics experiment**' funded by Board of Research in Nuclear Sciences, Department of Atomic Energy, Govt of India. The post is temporary for 3 years and co-terminus with the project.

**The post:** The successful candidate will work on development and R&D studies of SiPM and SiPM based fast scintillation detector to be used in the Intermediate Energy/High Energy Physics experiments. The other activities of the group involved hadron physics experiments using international facilities and heavy ion reaction studies using pelletron accelerators. He or she will be actively involved in these experiments and data analysis.

**No. of posts:** One

**Duration of the project:** 3 years.

**Desired qualification:** Ph.D. in nuclear physics from a recognized university.

**Fellowship:** Rs 22,000–24,000 per month + admissible HRA. Terms and conditions will be as per the rule of BRNS, DAE.

Applicants should send a CV and arrange for two letters of reference so as to reach the PI, **Dr B. J. Roy**, Nuclear Physics Division, BARC, Mumbai 400 085, e-mail: [bjroy@barc.gov.in](mailto:bjroy@barc.gov.in) **within 15 days** of this advertisement. Short-listed candidates will be called for interview. The conduction of interview and selection procedure will be strictly followed as per BRNS rule.

## Department of Physics Mizoram University

Applications are invited for the following two posts under the project entitled '**Measurements, EXFOR Compilation and Theoretical Study of Nuclear Data**' (No. 2012/36/17-BRNS, dt. 14.08.2012) funded under the auspices of NDPCI – by the DAE-BRNS, undertaken by Dr B. Lalremruata (PI) and Dr Hranghmingthanga (CI), Department of Physics, Mizoram University, Tanhril 796 004, Aizawl, Mizoram.

**Project duration:** 3 years

**Name of the post:** (1) Junior Research Fellow (one post). (2) Postdoctoral Research Associate (one post).

**Qualifications:** For Post (1): M.Sc. in Physics with minimum 60% marks, and a good academic background. For Post (2): A fresh Ph.D. in experimental nuclear physics. Preference may be given to those who have working experience in neutron induced cross section measurements, and theoretical nuclear physics based model calculations. Those who have submitted their Ph.D. thesis in experimental nuclear physics and are waiting to clear the viva can also apply.

**Salary:** (1) Rs 16,000 p.m. for the first two years, and Rs 18,000 p.m. for the third year for JRF along with House Rent Allowance (HRA) and Medical Allowance, as admissible. (2) Rs 22,000 p.m. for Postdoctoral Research Associate.

Application including bio-data should be sent by e-mail to **Dr B. Lalremruata** ([marema08@gmail.com](mailto:marema08@gmail.com))/ **Dr Hranghmingthanga** ([hthanga@yahoo.com](mailto:hthanga@yahoo.com)), Department of Physics, Mizoram University, Aizawl, Mizoram latest by **15 October 2012**. Candidates short-listed for interview will be informed about the date by e-mail. No TA/DA is permissible for attending the interview.