



## University of Calcutta

### Department of Physics

### Research Scholar for Department of Physics, University of Calcutta

**Number of vacancies: Two (2).**

**Minimum Eligibility Criteria: First Class in B.Sc and M.Sc in Physics, Joint CSIR-UGC (NET) qualified with JRF. Final semester M.Sc students with CSIR-UGC (NET) JRF can also apply.**

Applications are invited from interested candidates (Bonafide Indian nationals only) on plain paper by Department of Physics, University of Calcutta (CU) for PhD in condensed matter physics as part of the national activities in the field of synchrotron/neutron scattering techniques initiated by Saha Institute of Nuclear Physics (SINP). The research work will be focussed on the study of structure-property relations – in addition to synchrotron x-ray scattering and neutron scattering techniques, the conventional laboratory based techniques for magnetism and transport properties will be used. Selected students will carry out research by utilizing the facilities in Indian beamlines at KEK – Japan, DESY-Germany and Rutherford Appleton Laboratory-UK.

The selected students will work under joint supervision of Dr. Aritra Banerjee (CU), Dr. Sudipta Bandyopadhyay (CU), Dr. Mrinmay K. Mukhopadhyay (SINP) and Prof. Milan K. Sanyal (SINP).

**Procedure of application:** Eligible students should send the application to - Dr. Aritra Banerjee, Department of Physics, University of Calcutta, 92 APC Road, Kolkata, 700009.

Application should reach before 10<sup>th</sup> May, 2017.