

Applications are invited from motivated and eligible candidates for the position of Junior Research Fellow (JRF) in a Advanced Manufacturing and Technology (AMT), Department of Science and Technology (DST) funded research project entitled "Large scale production of nanomaterials and thin films for semiconducting devices and astronomical research". Emolument: The amount of JRF fellowship will be as per DST norms.

Eligibility (Essential Qualification): The candidate must be having one of the following

- (i) MSc in Physics with experience in experimental condensed matter physics supported by published journal papers
- (ii) BE/B.Tech. or equivalent in relevant branches of Engineering/Technology like Electrical/Electronics Engineering (EE), Electronics & Communication Engineering (ECE), Information & Communication Technology (ICT), etc. and at least 2 years of post-BE/B.Tech., research experience as evidence from published papers in standard refereed journals;
- (iii) M.E./M.Tech. in relevant branches of Engineering/Technology like EE, ECE, ICT, etc.

Age limit: Maximum 30 years. Upper age limit (may be relaxed for SC/ST/OBC/Women and physically handicapped candidates as per Government of India norms).

Skills- synthesis of complex oxides, measurement of antenna properties, electronic properties measurement, structural characterization of materials.

Please apply within 15th March 2020; send application with CV, Research proposal on ferroelectric devices, publication list in the following format: 1. First author Journal publications, 2. Other co-authored Journal publications, 3. First author Conference publications/proceedings, 4. Other co-authored Conference publications/proceedings, 5. Book chapters, 6. Patents

Please write to phy_office@iiti.ac.in and cc to Dr. Somaditya Sen (sens@iiti.ac.in)

Profile of the PI:    

