Application are invited for the post of one Project Fellow with the Fellowship @ Rs 8000 per month (fixed amount) in a UGC sponsored project entitled ‘Effect of Silver Incorporation on Electrical and Photoelectrical Properties of Some Se–Te and Se–Ge based Glassy Alloys’ sanctioned up to 3 years. The post is purely temporary and coterminous with the project. The candidate should have second class Master degree with a minimum of 55% marks in M.Sc. in Physics and age not exceeding (upper limit) 40 years. A relaxation of 5 years upper age limit will be given to SC/ST/Physically Handicapped/Female candidates. Candidates with one year research experiences in the area of the Project will be preferred. All things being equal, SC/ST candidates will be preferred as GoI rules.

Application on plain paper giving complete bio-data along with qualification, research experiences, etc. supported by attested documents should reach, within 21 days of this advertisement, to Dr Neeraj Mehta, Principal Investigator, Department of Physics, Faculty of Sciences, Banaras Hindu University, Varanasi 221 005 (e-mail: dr_neeraj_mehta@yahoo.co.in). No TA/DA will be paid if called for interview.

Dr Neeraj Mehta
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Applications are invited from research scholars, post-doctoral fellows and young faculty with relevant research interests, for participation in the above mentioned SERC School. Although the School is primarily aimed at research scholars and postdoctoral fellows, final year students of M.Sc./M.Tech. with interest in pursuing research in Lasers may also apply.

The topics to be covered in the School will provide an in-depth knowledge of the important aspects of laser physics and technology. The topics covered will include fundamental of laser physics, laser resonators, Q-switching, mode-locking, chirped pulse amplification, frequency stabilization, non-linear optics, etc. Important laser systems such as diode pumped solid state lasers, ultrashort pulse lasers, fiber lasers, semiconductor lasers, free electron lasers, terahertz sources, widely tunable laser systems will also be discussed. The School will also address some important applications of lasers in high resolution spectroscopy, material processing, charged particle acceleration, biophotonics, instrumentation, etc. The participants will also be encouraged to do hands-on experiments designed to facilitate understanding of the topics discussed during the School.

The number of participants is restricted to about forty. All the selected participants will be provided to-and-fro train fare (up to II AC) and local hospitality. Interested persons should send to the school director, via e-mail (preferred) or by post, (i) CV (including full postal address and e-mail), (ii) a brief write-up of the current research activities, (iii) list of publications (if any), (iv) letter of recommendation from guide or Head of Department, and (v) a short write-up indicating how the school is expected to benefit the research activities of the candidate. Last date for the receipt of applications 20 January 2012. The selected candidates will be informed by 30 January 2012. For further details contact: Dr P. K. Gupta, Director, SERC School on Laser Physics and Technology, Laser Biomedical Applications and Instrumentation Division, Raja Ramanna Centre for Advanced Technology, Indore 452 013. Fax: 0731-2488 425; e-mail: laserschool@rrcat.gov.in.