### SERC School on Laser Spectroscopy and Applications in Science & Technology

**Date:** 3–21 November 2008  
**Venue:** Bhabha Atomic Research Centre, Mumbai, India

Applications are invited from research scholars, post-doctoral fellows and young faculty with research interests in related areas, for participation in this school sponsored by SERC, DST. Final year students of M.Sc. and M.Tech. with strong motivation to pursue research in these areas may also apply.

The topics to be covered in the school will include laser–matter interaction, fundamentals of spectroscopy with lasers, its advantages over conventional spectroscopy, nonlinear spectroscopy, laser spectroscopy using novel sources, ultra-fast spectroscopy and vast range of applications of laser spectroscopy in science & technology. This will also cover basics of various relevant laser systems, laser spectroscopic instrumentation and recent advances in the same. Besides lectures by several members of national organizing committee, there will be lectures by experts from various national and international labs. The participants will also be encouraged to do hands-on experiments designed to facilitate understanding of the subjects covered. These experiments will be held in various labs at BARC, TIFR and IIT.

The number of participants is restricted to about forty. All the selected participants will be provided to and fro train fare and local hospitality. Interested persons should send to school director, by email or by post, (i) curriculum vitae including full postal and email address, (ii) brief write up of current research areas, (iii) list of publications, if any, (iv) letter of recommendation from head of department and a short write up on how the school is expected to benefit the research activities of the candidate.

**Important dates:**  
- Last date for applications: **31 July 2008**  
- Intimation to candidates: **1 September 2008**

**Address for correspondence:** Dr B. M. Suri, Director, SERC School on Laser Spectroscopy and Applications in Science and Technology, Laser & Plasma Technology Division, Bhabha Atomic Research Centre, Mumbai 400 085.
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### Department of Physics
**University of Rajasthan, Jaipur**

Applications are invited for one Junior Research Fellow in a BRNS (DAE) sponsored project **‘Thermal and thermomechanical properties of some polymeric blends’**. Applicants should have M.Sc. Physics degree. Candidates having NET qualification and experience will be preferred. Applications should reach Dr Kananbala Sharma, Principal Investigator, Semiconductor and Polymer Science Laboratory, 5–6 Vigyan Bhawan, University of Rajasthan, Jaipur 302 004 latest by **4 June 2008**.

Log on to [www.uniraj.ernet.in](http://www.uniraj.ernet.in).

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Head  
Department of Physics