

# Experiments for Tomorrow – XXXV Refresher Course in Experimental Physics



*Sponsored by*

**Indian Academy of Sciences, Bangalore  
Indian National Science Academy, New Delhi  
The National Academy of Sciences, India, Allahabad**

*in collaboration with*



**St Xavier's College, Navrangpura, Ahmedabad  
Institute for Plasma Research, Bhat, Gandhinagar  
15 February to 1 March 2012**



Universities across the country are in the process of changing their curriculum according to Choice Based Credit System (CBCS). Hence, there is a desire and need in the teaching community for a Refresher Course in Experimental Methods and Techniques. A Refresher Course on '**Experimental Physics**' for undergraduate college teachers and limited number of students (B.Sc./M.Sc.), will be held at St Xavier's College, Navrangpura, Ahmedabad 380 009, from 15 February to 1 March 2012. This course aims at giving an exposure to different varieties of experiments which would develop the experimental skills and the right attitude towards experimental physics. We also hope that this Refresher Course would help those framing the syllabus to induct newer experiments in their curriculum.

The objective of this Course is to give the participants a hands-on training and discussion of the theory on selected experiments in the areas of thermal physics, mechanics, optics, electricity and magnetism, semiconductor physics and electronics. A variety of teaching methods like lectures, discussion and laboratory work shall facilitate the learning process. The Course will help the participants to gain and sharpen their skills on experimental physics and help in fulfilling their role as better researchers and teachers.

Teachers and students who wish to participate in the Refresher Course may send their application with following details: name, age, date of birth, sex, e-mail, official and residential address, telephone and mobile numbers, academic qualifications starting from B.Sc. onwards, teaching experience, courses taught, positions held and a statement indicating their reason for interest in participating in the course and their expectations from the course. Thirty selected teachers/students will be provided local hospitality and round trip actual of bus fare/train fare (3 tier AC) by the shortest route.

Applications may be sent to:

**Dr Rajesh Iyer**

Course Co-ordinator

Physics for Tomorrow – Refresher Course in Experimental Physics

St Xavier's College, Navrangpura

Ahmedabad 380 009

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Last date for receipt of applications: **20 November 2011.**