Science Academies’ Sixtieth Refresher Course in Experimental Physics
May 27 to June 11 2014
Government College (A), Rajamundry

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

The fifty-ninth Course will be held from May 27 to June 11, 2014 at the Government College, Rajahmundry. Participants in this Course will get hands-on experience in doing experiments with a kit designed by Professor R. Srinivasan (Course Director) and manufactured by Ajay Sensors and Instruments, Bangalore. These experiments are in (a) mechanics; (b) heat; (c) electricity; (d) AC; (e) AC bridge; (f) capacitance circuit; (g) magnetism; (h) relaxation; (i) lock-in amplifier; (j) nonlinear dynamics; and (k) phase transitions. While some of these experiments are at the BSc level, others are at the MSc level.

This Course has been very successful and the experiments are included in the curricula of about eighty institutions, including twenty five universities, some IITs, IISERs and other autonomous institutions. More than hundred kits have been sold and are in use. Every experiment illustrates a physical principle or verifies a physical law.

Faculty members from colleges, teaching BSc or MSc Physics courses or BTech courses in Engineering may apply. A few students studying MSc I year or BSc III year in Physics may also apply. **Total number of participants will be restricted to thirty.** Participants should send their applications through the Head of the Institution who should certify that the participant will be given leave if selected for the Course.

Selected participants will be intimated by e-mail around 15 March 2014. They will be paid the actual to and fro train fare not exceeding three-tier AC fare. Boarding and lodging will be arranged by the organizing institution for outstation participants.

Participants are requested to send in their application with a detailed CV, and the reason for attending the Course through the Head of the Institution to:

Dr K RamachandraRao, Lecturer in PHYSICS & Research Director, Department of Physics (UG & PG), Goverment College (A), Rajamundry, Andhra Pradesh 533 105, India. Email: drkrcr@gmail.com

**Last date for the receipt of applications: 1 March 2014**