



CENTRAL UNIVERSITY OF KARNATAKA



Science Academies 105th Refresher Course in Experimental Physics

27th December 2018 to 11th January 2019

Department of Physics

Central University of Karnataka, Kalaburagi 585367

A Refresher Course in Experimental Physics will be held at the Department of Physics, Central University of Karnataka from 27th December 2018 to 11th January 2019 for the benefit of faculty involved in teaching undergraduate and postgraduate courses. Participants in this course will gain hands-on experience with about twenty-five out of forty experiments, with a low cost kit developed for the Indian Academy of Sciences, and manufactured by Ajay Sensors and Instruments in Bangalore. These experiments are in (a) Mechanics (b) Heat (c) Electricity (both DC and AC) (d) Magnetism (e) Relaxation (f) Phase Sensitive Detection Technique and (g) Non-Linear Dynamics. This course is sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad.

Refresher courses in Experimental Physics held so far have been highly successful and the experiments have been included in about 150 institutions including universities, autonomous colleges, and advanced science institutions involved in education. Over 1800 participants have been trained so far and more than 250 kits have been sold. The course will be directed by Dr. Rajeev Shesha Joshi. It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

Details about the program will be updated in the following website:

<https://sites.google.com/cuk.ac.in/rcepdec2018/home>

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