



Science Academies' Refresher Course on Experimental Physics

At

Birla Institute of Technology, Mesra, Ranchi 835 215, Jharkhand

14 June 2018 to 29 June 2018

This course is sponsored by Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad.

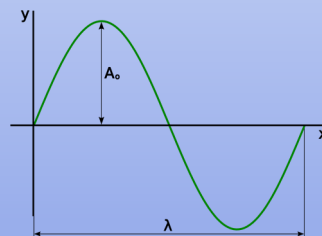
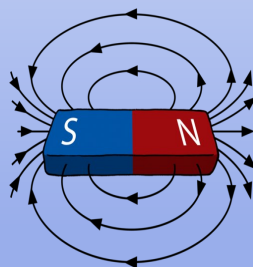
These experiments are in

- (a) mechanics,
- (b) heat,
- (c) electricity both DC and AC,
- (d) magnetism,
- (e) relaxation,
- (f) phase sensitive detection technique,
- (g) non-linear dynamics.

Applications are invited from teachers with experience in teaching undergraduate and post-graduate courses in Engineering and Physics. Motivated students of B.Sc., M.Sc. Physics courses and Ph.D. students with keen interest in Experimental Physics may also apply. The number of seats will be about 35.

Selected participants will be provided with travel assistance (limited to three-tier A/c train fare), accommodation and local hospitality during the Course in addition to course material.

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.



A Refresher Course in Experimental Physics will be held at Birla Institute of Technology, Mesra, Ranchi Jharkhand from 14 June to 29 June 2018 for the benefit of faculty involved in teaching undergraduate and post-graduate 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.

It may be noted that UGC regulations include Refresher Courses in API scores for career advancement.

Interested applicants must submit their application ONLINE :

<http://web-iapps.ias.ac.in:8080/Refreshcourse/JRPP.jsp>

A copy of the application form signed by the applicant should also be sent by Post to the Course Coordinator, at the address given below. In case of teachers, the form must also be signed and stamped by the Head of the applications Institution stating that leave will be sanctioned if the applicant is selected for the Course. A recommendation letter from a teacher is essential for student applicants. Scanned copies of the duly signed documents sent by e-mail will also be accepted.

Last date for the receipt of applications:
15 May 2018

Selected participants will be informed by:
20 May 2018

Course Director:

Dr. C. S. Sundar,
J.C. Bose Fellow,
Materials Science Group,
IGCAR, Kalpakkam.

Course Coordinator:

Dr. Sanat Kumar Mukherjee,
Science Academies 99th Re-
freshner Course in Experimental
Physics, Department of Physics,
Birla Institute of Technology,
Mesra, Ranchi

Sponsored by



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

Address for communication:

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