

# REFRESHER COURSE ON PROBABILITY, STATISTICS AND STOCHASTIC PROCESSES

*sponsored by*

## INDIAN ACADEMY OF SCIENCES, BANGALORE

at

S.N. Bose National Centre for Basic Sciences, Kolkata (4–22 August 2003)

A Refresher Course on the inter-related topics of Probability, Statistics and Stochastic Processes for teachers from undergraduate, postgraduate and university departments will be held at the S.N. Bose National Centre for Basic Sciences, Kolkata.

The broad aim of the Refresher Course is to help motivate teachers to improve and refresh their teaching methodology in the above topics as well as create interest in applying these topics to the interdisciplinary areas of Mathematical, Physical and Biological Sciences.

The course will be devoted to basic ideas of: Probability, including coin-tossing, random walk, central limit theorem, etc.; Statistics, involving the subject of analysis, and Stochastic Processes, dealing with elementary concepts of Markov Chains and Markov Processes, Gaussian Processes, Cumulants, etc. Attempts will then be made to discuss applications to interdisciplinary subjects.

The principal Resource Persons will be drawn from:

- (1) Prof. Probal Chaudhuri, ISI, Kolkata
- (2) Prof. S. Dattagupta, S.N. Bose National Centre for Basic Sciences, Kolkata
- (3) Prof. Rajeeva Karandikar, ISI, Delhi
- (4) Prof. K. B. Sinha, ISI, Kolkata.

Teachers who wish to participate in this course may send in their curriculum-vitae that includes name, date of birth, postal address, residential address, e-mail address, telephone numbers, qualifications, teaching experience, courses taught, positions held, etc. They are also requested to indicate their level of familiarity with the topics to be covered in the course.

Teachers applying for participation are also requested to indicate that necessary permission and leave from their parent institution would be readily available for participation in the course.

The application should be sent to: Prof. S. Dattagupta, Director, S.N. Bose National Centre for Basic Sciences, JD Block, Sector III, Salt Lake, Kolkata 700 098, e-mail: [sdgupta@bose.res.in](mailto:sdgupta@bose.res.in) or [director@bose.res.in](mailto:director@bose.res.in)

Selected teachers will be provided local hospitality and actual train fare for travel by I class/III AC or bus fare by the shortest route.

Last date for receipt of applications: **31 May 2003.**