



SAU
SOUTH ASIAN
UNIVERSITY

SYMPOSIUM ON DISCRETE MATHEMATICS AND DISCRETIZATION METHODS

25-26 OCTOBER, 2013

VENUE

Department of Mathematics,
South Asian University, Akbar Bhawan, Chankyapuri, New
Delhi

THEME

Discrete Mathematics is a dynamic field in theory, application and even in practice. Researchers in discrete mathematics have established important connections with mainstream areas of pure and applied mathematics, and as a consequence, research techniques and problems are drawn from a wide range of different fields, including algebra, topology, geometry, probability, analysis, and logic. Discrete Mathematics has now burgeoned into one of the fastest growing branches of Mathematics.

Discretization is the process by which a closed form mathematical expression, such as a function or a differential or integral equation involving functions, all of which are viewed as having an infinite continuum of values throughout some domain, is approximated by analogous expression which prescribes values at only a finite number of discrete points or volumes in the domain. To solve the mathematical models involving ordinary, partial or integral equations, discretization methods are used.

TARGET AUDIENCE

Masters students in Mathematics/ Computer Science, Research Scholars and Young Researchers in the field.

PARTICIPATION AND REGISTRATION

The registration is free and there are only limited seats available. For registration, send your brief CV to: [deepasinha@sau.ac.in/](mailto:deepasinha@sau.ac.in) kapil.sharma@sau.ac.in

DEADLINES

Apply by 10th October, 2013. Announcement of selected participants: 15th October, 2013

Note: Accommodation will be provided only to the foreign participants

OBJECTIVE

The primary goal of the symposium is to expose the participants of the SAARC region to the latest developments and various mathematical concepts in the field of Discrete Mathematics and discretization methods to solve the mathematical models of the real life problems. Further, this program will provide a platform for the interaction of the researchers working in these fields.

RESOURCE PERSONS

Prof. Mukti Acharya (DTU Delhi)

Prof. R.B. Bapat (ISI Delhi)

Prof. S.R.K Iyenger (retd. From IIT Delhi)

Prof. M.K. Kadalbajoo (IIT Kanpur)

Prof. Rathish Kumar (IIT Kanpur)

Prof. R.C. Mittal (IIT Roorkee)

Prof. Rahul Roy (ISI Delhi)

COORDINATORS

Deepa Sinha
Kapil K Sharma

LOCAL ORGANIZING COMMITTEE

Prof. R K Mohanty
Prof. P Jain
Prof. D Sinha
Prof. Kapil K Sharma
Dr. D Q M Lohani
Dr. Navnit Jha
Dr. Saroj K Sahani
Dr. Jagdish C Bansal