GLIMPSES INTO MATHEMATICS

KERALA SCHOOL OF MATHEMATICS

A joint venture of DAE, Govt. of India and KSCSTE, Govt. of Kerala

MAY 28 – June 1, 2025

Glimpses into Mathematics is a series of programs at Kerala School of Mathematics for providing opportunity to students at the MSc level to have a look into advanced topics in mathematics and familiarize themselves with research topics. These lectures are given by experts in various areas spanning a duration of one to two weeks.

Title: An Introduction to Distribution Theory and Applications

Instructor: Nandakumaran A. K
            Indian Institute of Science, Bangalore

Background required: No background in Distribution Theory is required, though familiarity with these topics will be helpful. The course assumes basic knowledge of calculus, linear algebra, and elementary probability. More advanced concepts, like Hilbert and Banach spaces using the concept of distributions will be introduced in the program. We mainly restrict ourselves to the new calculus of distributions and its properties including Fourier transform of functions which cannot be defined classically. MSc students, PhD scholars and young faculty members are eligible to apply.

Application Procedure

Fill out the application form at the following link:
https://forms.gle/ZTbDXnZrpzRiZjrXA

Deadline

The last date for receiving applications is by 5 PM, May 22, 2025.
For further details, please write to glimpsesintomathematics@ksom.res.in

Selection Process

The selection will be based on your scores in your previous degree program, and on the recommendation letter sent by the head of the department of the applicant's current institution. Only those applications received through the online form mentioned below will be considered. Selected candidates will be informed through email.

https://sites.google.com/ksom.res.in/gim/home