B. K. BIRLA COLLEGE (AUTONOMOUS), KALYAN

Department of Mathematics
(Funded by Star College Scheme, DBT – New Delhi)

A Special Lecture

on

Discovering Mathematics

By

Dr. Inder K. Rana (Retd.)
Professor, Department of Mathematics
Indian Institute of Technology, Powai
Mumbai-400076, India

Abstract:

Lecture 1: Moving and viewing objects on a computer

We will analyse the display and movements of real-life objects on computers. We will see how undergraduate mathematics is used in doing this. The talk will be accessible to UG students.

Lecture 2: Integration from Antiquity to Lebesgue

The history of the integration has an interesting development. The aim of this talk is to trace this historical development and to illustrate how this development gave impetus to the development of some of the basic concepts in Mathematics. The talk will concentrate on:

1. Integration in Antiquity (400BC - 200BC)
2. Integration till 18th Century Beginning
3. Contributions of Cauchy (1789 - 1857)
4. Contributions of Riemann (1826 - 1866)
5. Integration after Riemann

Day and Date	:	Wednesday, 11 January 2023
Time	:	11:00 am - 01:00 pm
Venue	:	NR 109, New Building

Click here to Register