

Report 2015

The Department of Mathematics feels proud to have arranged the following events in 2015. The Department conducted a workshop on “Mathematica” providing a complete workflow. Students actively took part in this enriching workshop and learnt how to compute the solutions for the various models of Wave Equations. The workshop was conducted by Mr. Pushpendra Kumar Vashishtha, Assistant Professor in Department of Mathematics, Kamala Nehru College, (University of Delhi). This workshop covered the commands and the functions that are frequently used in the differential equation along with the 3D graphical representation of the wave problems. Another lecture on Mathematica, to improve the programming skills of the students was given by Dr. Pooja. All the doubts that the students had were solved and explained by him with great skill and ease. This workshop was organized in light of the fact that this software is part of the students’ practical syllabus rendering it extremely useful for their future reference.

The Department has restarted the trend of delivering the lecture series in form of the departmental talks. In October-November departmental talk entitled “Fuzzy Sets and its Applications” was given by Mr. Shailendra Kumar Bharti.

Students were also shown a documentary by Dr. Rita Malhotra on the great mathematician Ramanujan. All students of Mathematics showed a keen interest in knowing his life history and his contribution to the field of Mathematics. The Department of Mathematics also conducted a full-day “LaTeX Workshop”. Guest speaker initiated the workshop with basic computer programming and gradually took it to the higher levels. She enthusiastically explained to the students the various usages of the software in publishing research papers by simplifying the procedures and theorems. It proved to be fruitful for those students who want to opt for PhD programs in their future.