

**Topic: One Small Theorem and Big Applications** 

Date: 25 Jan.2024.

Time: 11:00 A.M. - 12:45 P.M.

Venue: IIT Delhi Campus.

No. of Participants: 28 Students & 11 Teaching Faculties.

Prof. R. K. Sharma delivered the talk on "One Small Theorem and Big Application". The talk was very interactive, focusing on the importance of information security. He started his talk by introducing numbers and their importance in our lives. Dr. Sharma explained how number theory plays a significant role in our lives and how it forms the basis of cryptography. Dr. Sharma also mentioned how we are prone to security breaches while using the internet and suggested the usage of adequate measures to protect our personal information.

The lecture was followed by an interactive question-and-answer session, allowing the audience to engage with the speaker directly. The session was concluded with a vote of Thanks proposed by Dr. Aparna Vyas, Program Head-Mathematics, Department of Sciences.



