TATA INSTITUTE OF FUNDAMENTAL RESEARCH
Homi Bhabha Road, Colaba, Mumbai – 400 005

Vigyan Vidushi 2023
Mathematics

Professor Raghunathan was at the Tata Institute of Fundamental Research for more than five decades, where he also held a Homi Bhabha Chair. He is an Honorary Fellow of TIFR.

His past leadership roles in Mathematics include being the Chair of the Executive Organising Committee of ICM 2010 in Hyderabad, Vice-Chairman of the Organising Committee of the National Mathematics Year 2012, President of the Ramanujan Mathematical Society and Chairman of the National Board for Higher Mathematics for close to two decades. He was a member of the Executive Committee of the International Mathematical Union and the Abel Prize Committee, each for two terms.

Professor Raghunathan is well-known for his work on discrete subgroups of Lie groups, the congruence subgroup problem and the Dani-Raghunathan conjecture in ergodic theory. His book titled "Discrete subgroups of Lie groups", published in 1972, is considered as a classic in the area.

Professor Raghunathan is bestowed with many honours including the Fellowship of the Royal Society (2000) and the Padma Bhushan (2012).

Against All Odds: Great Women Mathematicians

Women have, over centuries, faced great difficulty in pursuing a career, particularly so in science; and even among the sciences, mathematics is singled out as a specially "unfeminine" activity by society. Yet there have been some women who have great mathematical achievements to their credit; and they have done it despite the most adverse circumstances. Their number, of course, is small, given the society's negative attitude to their pursuit of mathematics. In this talk I will outline the profiles of some of these great women mathematicians and their mathematics.

3 July 2023 at 4:00 pm (AG-66)