

ISI prof 4th from India to win Ramanujan Prize

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Kolkata: Neena Gupta, faculty of mathematics at Indian Statistical Institute (ISI), has become the fourth Indian to win Ramanujan Prize for Young Mathematicians.

The international award is jointly given by International Centre for Theoretical Physics (Trieste, Italy), International Mathematical Union (IMU) and the department of science and technology, the Government of India. Gupta's success comes two years after she won Shanti Swarup Bhatnagar Prize for Science and Technology in 2019.

Three of the four Indians to have won the Ramanujan Prize are all faculty members of Indian Statistical Institute. The award is given internationally to young mathematicians under the age of 45, for breaking new ground in the field. Gupta has been working on algebraic geometry

MAGIC OF MATHEMATICS

➤ Neena Gupta studied at Khalsa High School

➤ She graduated from Bethune College

➤ She did her masters and PhD from ISI

➤ She is now a faculty member of the mathematics department at ISI

➤ She won the Shanti

Swarup Bhatnagar Prize for Science and Technology in 2019

➤ Gupta has been working on algebraic geometry and commutative

algebra and she won the Ramanujan Prize for her solution to Zariski cancellation problem for affine spaces



My field is an interface between algebra and geometry... In India, a lot of pioneering work is carried out in the field of mathematics but since those are usually not done by those under 40 years of age, a lot of awards are missed. We hope our work is publicized more on international platforms

— Neena Gupta | AWARD WINNER

The DST-ICTP-IMU Ramanujan Prize committee, composed of eminent mathematicians from around the world, said Gupta's work showed, "impressive algebraic skill and inventiveness"