



47th PANJAB UNIVERSITY COLLOQUIUM cum



SARVADAMAN CHOWLA MEMORIAL LECTURE

Prof. Sujatha Ramdorai

Speaks on

“Elliptic Curves and Number Theory”



Presided by

Prof. R. P. Bambah, Former Vice Chancellor, P.U., Chandigarh

Chief Guest: Prof. Arun K. Grover, Vice Chancellor, P.U., Chandigarh

Venue: Dr. S. S. Bhatnagar University Institute of Chemical Engineering & Technology (UICET) Auditorium, Panjab University, Chandigarh

Date: April 16, 2018

Time: 03:00 PM

About the speaker:

Prof. Sujatha Ramdorai is an internationally renowned Mathematician. She is Canada Research Chair Professor at Department of Mathematics, University of British Columbia, Vancouver, Canada. Previously, she was Professor in School of Mathematics at Tata Institute of Fundamental Research (TIFR), Mumbai and had obtained her Ph.D in Mathematics from TIFR, in 1992. Dr. Ramdorai is an algebraic number theorist known for her work on Iwasawa theory. She is the first Indian to win the prestigious ICTP Ramanujan Prize in 2006 and also a winner of the Shanti Swarup Bhatnagar Award, the highest honour in scientific fields by Indian Government in 2004. She was a member of the National Knowledge Commission from 2007-2009. She is at present a member of the Prime Minister's Scientific Advisory Council from 2009 onwards and also a member of the National Innovation Council. She is also on the Advisory Board of Goni Sora. She holds an adjunct Professorship position at Indian Institute of Science Education and Research (IISER), Pune. She alongwith co-workers Coates, Fukaya, Kato, and Venjakob, formulated a non-commutative version of the main conjecture of Iwasawa theory, on which much foundation of this important subject is based. Iwasawa theory has its origins in the work of a great Japanese Mathematician, Kenkichi Iwasawa. She is the Managing Editor, International Journal of Number Theory (IJNT), Editor, Journal of Ramanujan Mathematical Society (JRMS) and Associate Editor, Expositiones Mathematicae. Prof. Ramdorai will describe the theory of elliptic curves covering different areas of Mathematics and one of them where it has deep influence is Number Theory. She will explain these links and the associated conjectures alongwith advances made because of this connection.

**The event is being organized in collaboration with
Department of Mathematics, Panjab University, Chandigarh**

Kindly be seated by **02:45 PM**, switch off your mobile phones during the Lecture, and join us for **TEA: 04:15 PM**

Contact

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