

## BHAGAVATULA RAMA MURTHY AND BHAGAVATULA SARADAMBA MEMORIAL LECTURES

S.No.	Date	Name of the Speaker	Title
1	5.3.2007	Prof. K.R. Parthasarathy Indian Statistical Institute, New Delhi	An invitation to classical and quantum information theory
2	15.3.2008	Prof. M. S. Narasimhan TIFR- Centre, Bangalore	Standard Conjectures of Grothendieck
3	26.2.2009	Prof. S.R.S. Vardhan Courant Institute of Mathematical Sciences, New York University, New York	What is Ito Calculus
4	16.2.2010	Prof. J. K. Ghosh Purdue University and Indian Statistical Institute	Two groups and one group model for multiple test for microarrays and other examples – a survey and new results
5	13.4.2011	Prof. S. G. Dani TIFR, Mumbai	Approximation of real numbers by rationals
6	7.3.2012	Padma Vibhushan Prof. C. R. Rao CR Rao AIMSCS, University of Hyderabad, Hyderabad	Resurrection of great Indian tradition of scholarship in the 21 <sup>st</sup> century
7	25.3.2013	Padmasri Prof. R. Balasubramanian Director, IMSc., Chennai	Ramanujam and Partition Functions
8	27.3.2014	Prof. A. Adimurthi TIFR CAM, Bangalore	Semi-linear Partial Differential Equations
9	16.3.2015	Prof. M. Vidyasagar University of Texas, Dallas, USA	An Overview of Compressed Sensing
10	22.3.2016	Prof. Mahan Mj TIFR, Mumbai	What is hyperbolic geometry?
11	9.3.2017	Prof. Kapil H. Paranjape IISER, Mohali	What is the Hodge Conjecture?
12	23.01.2018	Prof. Ritabrata Munshi, TIFR, Mumbai	From Primes to Quantum Chaos
13	11.02.2019	Prof. M.S. Raghunathan, Chairman, National Centre	Ruler and Compass Constructions

		for Mathematics, IIT Bombay	
14	14.02.2020	Prof. Manindra Agrawal, N.Rama Rao Chair professor, Deputy Director, IIT Kanpur	Simultaneous Diophantine Approximation and Short Lattice Vectors
15	05.03.2021	Professor Sourav Chatterjee Department of Statistics Stanford University, USA	Some Recent Progress on the Yang- Mills Problem
16	28.02.2022	Prof. Vijay Kumar Bhagavatula, Carnegie Mellon University, Pittsburgh, USA	Inferring Road Maps from GPS Data

### Prof.MARYAM MIRZAKHANI MEMORIAL LECTURES

1	02.01.2019	Prof. Dinakar Ramakrishnan, California Institute of Technology, USA	Diophantine equations
2	24.02.2020	Dr. Neena Gupta, Indian Statistical Institute, (ISI) Kolkata	On Polynomial Rings
3	01.03.2021	Prof. Sujatha Ramdorai University of British Columbia, Canada	Elliptic Curves and Equations
4	09.03.2022	Prof. Malabika Pramanik, University of British Columbia	Progress on Progressions