

THE ALLADI CENTENARY FOUNDATION LECTURES 1983-2003

The Alladi Centenary Foundation was created by Alladi Ramakrishnan in May 1983 in honour of his father Sir Alladi Krishnaswami Iyer on the occasion of Sir Alladi's birth centenary. The Foundation was inaugurated by Mr. C. Subramaniam, Cabinet Minister and Former Governor of Maharashtra, on 24th April, 1983, in Ekamra Nivas, the home that Sir Alladi built in Madras. The goal of the Alladi Centenary Foundation is to arrange lectures of wide appeal on a variety of subjects including science and mathematics. The list of lectures arranged by Alladi Ramakrishnan under the auspices of the Foundation from 1983 to 2003 is given below.

List of lectures

- 1) **Prof. Erwin Fenyves** (University of Texas at Dallas):
“Environmental studies with computers” on 31 Aug, 1983 at the Bharatiya Vidya Bhavan, presided by Mr. C. Subramaniam.
- 2) **Prof. Krishnaswami Alladi** (Matscience, Madras):
“Impact of Hilbert’s Problems on 20th Century Mathematics” on 30 Nov, 1983, at the Bharatiya Vidya Bhavan.
- 3) **Prof. Paul Erdős** (Hungarian Academy of Sciences, Budapest):
“Reminiscences of a Mathematician” on 14 Jan, 1984, at Ekamra Nivas, presided by His Excellency, S. L. Khurana, Governor of Tamil Nadu.
- 4) **Prof. Bruce Berndt** (University of Illinois, Urbana):
“Editing Ramanujan’s Notebooks”, on 18 Jan, 1984 at the Bharatiya Vidya Bhavan, presided by Prof. M. Santappa, Vice-Chancellor, University of Madras.
- 5) **Prof. Heini Halberstam** (University of Illinois, Urbana):
“The role of mathematics in contemporary education” on 18 Jan, 1984, at the Bharatiya Vidya Bhavan, presided by Vice-Chancellor M. Santappa, University of Madras.
- 6) **Prof. Choquet Bruhat** (University of Paris, France):
“Mathematical tradition in France” on 2 Feb, 1984, at the Bharatiya Vidya Bhavan.
- 7) **Prof. Alladi Ramakrishnan** (Ret’d Director, Matscience):
“Profound physics from elementary algebra” on 1 Jan, 1985 at Ekamra Nivas.
- 8) **Dr. B. Ramamurthi** (FRCS):
“Brain surgery - what is new”, on 24 Aug, 1985 at Ekamra Nivas.
- 9) **Prof. Michel Waldschmidt** (University of Paris, France):
“Diophantine Equations” on 5 Sept, 1985, at Ekamra Nivas.
- 10) **Dr. N. Mahalingam** (Industrialist and Educationist):
“Higher education - its relevance in industry” on 9 Oct, 1985, at Ekamra Nivas, presided by S. Narayanaswamy.

- 11) **Prof. Gordon L. Shaw** (University of California, Irvine):
 “Information processing in the brain”, on 5 Dec, 1985, at Ekamra Nivas, presided by Dr. S. Sundararaman, General Surgeon.
- 12) **Dr. A. Jayaraman** (AT& T Bell Labs, Murray Hill, USA):
 “Bell Labs - a centre of excellence”, on 11 Jan, 1986, at Ekamra Nivas, presided by Vice-Chancellor B. B. Sundaresan, University of Madras.
- 13) **Dr. Malcolm Adiseshiah** (Former Director-General, UNESCO):
 “UNESCO - The International Centre for Intellectual Excellence”, on 23 Apr, 1986, at Ekamra Nivas.
- 14) **Dr. John D. Stempel** (Consul General of the USA):
 “Indo-American cooperation in trade and technology”, on Nov 19, 1986, at Ekamra Nivas, presided by M. V. Arunachalam.
- 15) **Prof. Jean-Marc Deshouillers** (University of Bordeaux, France):
 “Summing integers - a promenade into arithmetic”, on 23 Jan, 1987, at Ekamra Nivas, presided by Prof. V. Devanathan, University of Madras.
- 16) **Prof. Richard Askey** (University of Wisconsin, Madison, USA):
 “Thoughts on Ramanujan”, on 19 Dec, 1987 at Ekamra Nivas.
- 17) **Prof. George Andrews** (The Pennsylvania State University, USA):
 “An introduction to Ramanujan’s Lost Notebook”, on 23 Dec, 1987, at Ekamra Nivas, presided by John Stempel, Consul General of the USA.
- 18) “The American Mathematical Society Centennial - lessons for India” - Discussion Seminar, on 6 Feb, 1989, at Ekamra Nivas.
- 19) “Teaching and Research: conflict or confluence”, Discussion Seminar on 18 Oct, 1989, at Ekamra Nivas.
- 20) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):
 “Ramanujan - the second century”, on 2 Jan, 1990, at Ekamra Nivas.
- 21) **Professor Alladi Ramakrishnan** (Ret’d Director, Matscience), and **Prof. N. R. Ranganathan** (Matscience, Madras):
 “Makers of 20th Century Physics - I” on 31 Oct, 1990, at the P. S. Senior Secondary School.
- 22) **Professor Alladi Ramakrishnan** (Ret’d Director, Matscience), and **Prof. R. Sridhar** (Matscience, Madras):
 “Makers of 20th Century Physics - II” on 3 Dec, 1990, at the P. S. Senior Secondary School.
- 23) **Prof. P. M. Mathews** (Visiting Scientist, Harvard Smithsonian Institute of Astrophysics):
 “What do we know of the Earth’s interior”, on 18 July, 1992, at Ekamra Nivas, presided by Prof. V. Devanathan, Madras University.
- 24) **Prof. Michel Waldschmidt** (Institut Henri Poincare, Paris, France):
 “The History of Pi - Archimedes to Ramanujan”, on 21 July, 1993, at Ekamra Nivas.
- 25) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):
 “Fermat and Ramanujan - a comparison”, on 11 Dec, 1993 at Ekamra Nivas.

26) **Mr. C. Subramaniam** (Former Governor of Mahashtra) and **Prof. Alladi Ramakrishnan** (Ret'd Director of Matscience):

“Oppenheimer and Bellman - unity of pure and applied sciences” on 3 Jan, 1994, at Ekamra Nivas, presided by Timothy Hauser, Consul General of USA.

27) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):

“Roses from the Ramanujan garden - I”, 12 July, 1994, at Ekamra Nivas.

28) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience):

“Spiritual Diction of Thyagaraja - I” on 28 July, 1994, at Ekamra Nivas, presided by Violin Maestro T. N. Krishnan.

29) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience):

“Spiritual Diction of Thyagaraja - II” on 6 Sept, 1994, at Ekamra Nivas, presided by Vidwan B. Rajam Iyer.

30) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):

“Roses from the Ramanujan garden - II”, 4 Oct, 1994, presided by Vice-Chancellor Dr. M. Ananda Krishnan, Anna University.

31) **Prof. Alladi Ramakrishnan** (Ret'd Director Matscience):

“Spiritual Diction of Thyagaraja - III”, *Justice T. L. Venkatarama Iyer Centenary Endowment Lecture* (jointly arranged by ACF and the Samskrita Academy, Madras) on 3 Dec, 1994 at the Sanskrit College, presided by Vidwan K. V. Narayanaswamy.

31) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience), **Prof. V. Devanathan** (University of Madras), **Prof. R. Parthasarathy** (Matscience, Madras):

“Quantum Mechanics and Relativity - Independent or Inter-Dependent”, 23 July, 1995 at Ekamra Nivas.

32) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):

“Sylvester and Ramanujan - new views on old masters”, 9 Aug, 1995 at Ekamra Nivas, presided by Prof. M. S. Swaminathan, FRS.

33) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):

“Schur and Ramanujan - a fresh look at old masters”, on 12 Aug, 1995, at Ekamra Nivas, presided by Vice-Chancellor M. Ananda Krishnan, Anna University.

34) **Prof. Alladi Ramakrishnan** (Ret'd Director Matscience) **Prof. V. Devanathan** (Madras University) **Prof. R. Parthasarathy** (Matscience):

“Scales of Space, Time and Matter”, Discussion Seminar on 6 Sept, 1995 at Ekamra Nivas.

35) **Prof. Alladi Ramakrishnan** (Ret'd Director Matscience) **Prof. V. Devanathan** (Madras University) **Prof. R. Parthasarathy** (Matscience):

“Hyperspace - why we need higher dimensions”, Discussion Seminar on 22 Sept, 1995 at Ekamra Nivas.

36) **Prof. Alladi Ramakrishnan** (Ret'd Director Matscience) **Prof. V. Devanathan** (Madras University) **Prof. R. Parthasarathy** (Matscience):

“Fractional charges and new quantum numbers”, Discussion Seminar on 4 Oct, 1995 at Ekamra Nivas.

37) **Prof. S. Raghavan** (Ret'd, Tata Institute of Fundamental Research, Bombay):

“New mathematics from old problems” - Discussion Seminar on 18 Oct, 1995 at Ekamra Nivas.

38) **Prof. S. Raghavan** (Ret'd, Tata Institute of Fundamental Research, Bombay):
“Ramanujan congruences and Galois Theory” - Discussion Seminar on 16 Nov, 1995 at Ekamra Nivas.

39) **Prof. Dale Brownawell** (The Pennsylvania State University, USA):
“The Life and Work of Prof. S. Chowla - noted Indian mathematician”, on 9 Jan, 1996, at Ekamra Nivas, presided by Visiting Prof. P. M. Mathews, Harvard Smithsonian Insitute.

49) **Prof. Michel Waldschmidt** (University of Paris, France):
“Transcendence results for Ramanujan’s function”, on 10 Jan, 1996. at Ekamra Nivas.

50) **Prof. Wolfgang Schmidt** (University of Colorado, Boulder, USA):
“A survey of Diophantine Approximations”, on 11 Jan, 1996, at Ekamra Nivas.

51) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience):
“Fifty years of my research career” on 24 July, 1996, at Ekamra Nivas, presided by Prof. M. S. Swaminathan, FRS.

52) **Prof. Basil Gordon** (University of California, Los Angeles):
“The Final Problem - Ramanujan’s Mock Theta Functions” on 23 July, 1996, at Ekamra Nivas.

53) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience):
“Spiritual Diction of Thyagaraja - IV” on 7 Aug, 1996 at Ekamra Nivas, presided by Semmangudi Srinivasa Iyer, the Doyen of Carnatic Music.

54) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):
“Erdős and Ramanujan - a comparison of two legends”, 29 Dec, 1996, at Ekamra Nivas.

55) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience):
“Lorentz and Einstein” on 14 July, 1997 at Ekamra Nivas.

56) **Prof. James Keesling** (University of Florida): in Jan 1999.

57) “Release of the Alladi Diary, Vol I” on 24 Dec, 1999. Mr. N. Ravi, Editor-in-Chief, The Hindu, receives the first copy.

58) **Prof. Alladi Ramakrishnan** (Ret'd Director, Matscience):
“Fifty years of Product Densities”, Aug, 2000, at Ekamra Nivas.

59) **Prof. Krishnaswami Alladi** (University of Florida, Gainesville, USA):
“A breakthrough in the theory of partitions”, Aug 2000, at Ekamra Nivas

60) **Prof. Bruce Berndt** (University of Illinois, Urbana, USA):
“Ramanujan’s Notebooks”, 30 Sept, 2000 at Ekamra Nivas.

61) **Evan Pugh Prof. George Andrews** (The Pennsylvania State University, USA):
“Partitions, Compositions, and Ramanujan” 14 Dec, 2003, at Ekamra Nivas.