

## K. Srinivas

### MY ASSOCIATION WITH RMS

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I was invited to serve RMS as a *treasurer* in the year 2010 till 2013, then as *treasurer-cum-secretary* for the period 2013-2016, then as EC member for the period 2016-2019. Being one of the most prestigious mathematical society of our country, I happily agreed to take the responsibility of donning the treasurer's job in 2010. The path was not so easy. It involved setting many things straight in the beginning. For example, the society's registration lapsed few years ago and it had to be restored. With the help and support of the the EC members, we could restore the society's registration. Now there is no trouble in the renewal process as it has been streamlined. Another big job is to get the *regular* grants from NBHM for its various publications. As is well known, NBHM has been generously supporting the publications of RMS Journal and Newsletter. However, many times it required follow up. This is a time taking and painful exercise, which I enjoyed doing it and getting all the amount which was meant for RMS. In 2013, as secretary, I oversaw the translation of *Robert Kanigel's* book *The man who knew infinity* into several Indian languages. I enjoyed executing this job. It is yet to be translated into few more Indian languages, which I would like to pursue in near future!

In my 9 years stint at RMS I have enjoyed and earned the respect of almost all the EC members, not to mention about the Life members of RMS. I have been continuously organizing/taking part as resource person in various outreach programmes for school students, school teachers, college students and college teachers in our country (see below for details). RMS being a national society can become a platform to address the issues related to education. I would like to see that this society works hard to develop the standard of college education, it will try to resolve the various issues faced by our colleagues in colleges and universities, organize workshops in universities to upgrade and update knowledge.

My two main passions are participating in outreach programmes and reading good *hindustani* poetry (shayri). I will describe some of the outreach activities that I like most and about my involvement in shayri, I will simply indicate the URL below.

### OUTREACH ACTIVITIES

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I have organized several international conferences and workshops in Number Theory. I have been part of Mathematics Training and Talent Search (MTTS) programme since 1998, co-organized Interactive mathematics training camps (programme run by IMA, Bhubaneswar)

since 1998, a regular speaker in INSPIRE programmes, have organized several Advanced Instructional Schools sponsored by National Center for Mathematics (NCM), Teacher's Enrichment Workshops, lectured in couple of AFS programmes. I love giving *popular talks* in mathematics. Delivered several talks on the mathematics of Ramanujan, Gave two programmes on Ramanujan's work in Hindi and English which were broadcast by AIR Delhi. The english programme is available in the RMS website at <http://www.ramanujanmathsociety.org/home/bulletin-board/thewizardofmathematics-radiobroadcast>.

#### MORE ABOUT ME IN WEBPAGES

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[https://www.imsc.res.in/srinivas\\_kotyada](https://www.imsc.res.in/srinivas_kotyada)

<https://www.facebook.com/srinivas.kotyada>

[https://www.youtube.com/results?search\\_query=srinivas+kotyada](https://www.youtube.com/results?search_query=srinivas+kotyada)

#### PERSONAL DATA

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#### EDUCATIONAL QUALIFICATIONS

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Ph.D	: TIFR, University of Bombay (1995)
Title of the Ph.D thesis	: Some Analytical properties of the Riemann zeta-function.
Thesis Supervisor	: Prof. K. Ramachandra
M.Phil	: University of Sambalpur, Orissa (India) 1990
M.Sc (1st position)	: University of Sambalpur, Orissa (India) 1988.

#### RESEARCH INTERESTS

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Analytic Number Theory, Algebraic Number Theory, Modular forms and Elliptic curves, Mathematical aspects of Cryptography, Digital watermarking.

#### RESEARCH PUBLICATIONS

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Published more than 25 research papers of high quality, all appeared in reputed journals. co-edited 2 volumes for JRMS, co-edited one recent volume for Hardy Ramanujan Journal.

## RESEARCH STUDENTS

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Guided 3 students for their Ph D work and several students for their MSc and M Phil degrees.

## ACADEMIC VISITS

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Visited several Institutions in India and abroad as part of academic collaboration which include: Queens University, Canada(for one year), University of Turku, Finland. In France : the department of mathematics in Marseille, Bordeaux, Paris, Lille, Nancy. In Italy : the department of mathematics in Genova, Rome, Parma, Pisa.

In India: TIFR (Mumbai), HRI (Allahabad), IISc, IMA (Bhubaneswar), ISI (Delhi), IISER (Pune, Mohali, Trivendrum), SRTM (Nanded), Andhra Univ(Visakhapatnam) . . .