

The Kerala School of Mathematics

“Calculus in Poetry and Prose”

The Shruti Foundation Lecture Series under the auspices of the Trinity South Asia Initiative presents a pioneering talk on the history of Indian mathematics and of its relationship to Indian literature by

Professor K. Ramasubramanian, IIT Bombay

Wednesday April 22nd

Science Gallery, Pearse Street, Dublin 2

6.00 p.m.

Followed by a Reception



The samrat yantra sundial, Jaipur Observatory (1727-34)

While there has been a long-standing awareness of the antiquity and achievements of Indian mathematics and astronomy, and of the debt that Western science and mathematics owes to India, since few of the writings of Indian scientists, mathematicians and astronomers have been translated into English they remain largely inaccessible in the West. Professor Subramaniam, who is both a traditionally trained Sanskrit scholar and the holder of a doctorate in Theoretical Physics, is helping to bridge this gap through his translations of works such as that of the Kerala mathematician Jyesthadeva, whose seminal text *Ganita-yuktibhasa* (*Rationales in Mathematical Astronomy*, 1530) anticipates the work of European mathematicians by a century as well as the planetary theory developed by Tycho Brahe. This talk will explore both the nature of Indian science and the ways in which it has shaped Indian literature.

This event and is free and open to the public.

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HUB**

