

The Saraswati Sangam Project

Eminent Scholar Lecture Series

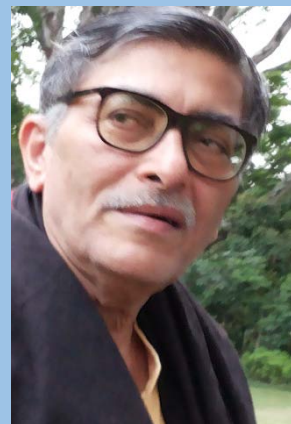
Presents



Advancing Scientific Inquiry with Vedic Knowledge



Lecture by: **Prof. C.K. Raju**
Honorary Professor
Indian Institute of Education



On the Topic: **Western Appropriations of Indian Ganita:
Contemporary Consequences**

On: **March 26, 2022 (Saturday) at 8pm IST
(10:30am EST, 7:30am PST, 2:30pm GMT,
10:30pm SGT)**

Join on Zoom at: <https://us02web.zoom.us/j/86197359989?pwd=TEV2bHZ3N3VYS1NNaTRqcENpczgrZz09>
(OR Use QR Code above)

Abstract of the Talk: Calculus originated in India with Aryabhata (5th c). In the 16th c., Cochin-based Jesuits stole it for the math needed for the European navigational needs. The false history of its discovery by Europeans was concocted on the doctrine of Christian discovery. To expose the theft, I used the standard of evidence in criminal law. But my thesis, of theft of calculus, was itself stolen! I then applied my epistemic test: those who steal knowledge fail to fully understand it. E.g., Newton and Leibniz did NOT know how to sum the infinite series of calculus, as Indians did. The West hence invented real numbers—which added only to the difficulty of calculus, not its practical or epistemic value. Calculus difficulties impede technological progress. Reverting to the original Indian philosophy of calculus makes it easy. But for that false history must be dislodged. Extended abstract: <https://tinyurl.com/mj8v5n4>.

Speaker Bio: Professor C. K. Raju holds degrees in Physics and Mathematics, with a doctorate from ISI, Kolkata. After his initial teaching and research role in mathematics and its application to quantum field theory, Prof. Raju joined C-DAC to play a key role in building the first Indian supercomputer, Param, for applications of national importance. His numerous book contributions include 'Cultural Foundations of Mathematics,' proposing a new philosophy of zeroism and compiling evidence of origin and development of calculus in India, followed by transmission to Europe, and shorter books on 'Is Science Western in Origin?,' 'Ending Academic Imperialism.' He has developed and taught several decolonised courses on calculus, geometry, statistics, and history and philosophy of science. He has lectured on all six continents, at prominent universities, such as MIT, Australian National Univ., National Univ. of Singapore, Max Planck Institutes, and in refugee camps in Palestine and remote village schools in India.

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