

About the author



C. K. Raju holds an MSc in math from Mumbai, and a PhD from the Indian Statistical Institute, Kolkata. He initially taught at Pune University, and researched in formal math (functional analysis), for several years. He was responsible for porting applications on India's first supercomputer Param, and has long been a Professor of mathematics and computer science, in various universities, in India and abroad. He has developed and maintains software for educational and industrial use. In 2010 he received the TGA gold medal in Hungary.

He has authored several critically acclaimed books, putting forward novel theses. In *Time: Towards a Consistent Theory* (Kluwer, 1994) he argued for a fundamentally new physics using functional differential equations, overlooked by Einstein. In *Cultural Foundations of Mathematics* (Pearson Longman, 2007) he proposed a new philosophy of math, called zeroism, and related it to the development of calculus in India while compiling evidence for its transmission to Europe in the 16th c. He later showed how correcting Newton's mistake about calculus also leads to a better theory of gravitation, using functional differential equations. In the *Eleven Pictures of Time* (Sage, 2003) he related science and various religions through the shared interface of time. His shorter books include *Is Science Western in Origin?* and *Ending Academic Imperialism*. In *Euclid and Jesus* he explained for the layperson how religious beliefs enter into Western mathematics.

He has demonstrated through teaching experiments in 5 universities in 3 countries that teaching calculus with zeroism, as it developed in India, makes it easy enough to be taught in five days, and enables student to do harder problems not covered in usual calculus courses. He has also developed and taught other decolonised courses in math, physics, statistics, computers, and the history and philosophy of science. For detailed press reports, see <http://ckraju.net/press>.

In his research he has challenged a number of leading Western icons, including Isaac Newton, Albert Einstein, Richard Feynman, Stephen Hawking, Bertrand Russell, Karl Popper, Thomas Kuhn. He has also debunked many Western myths including those of Euclid, Archimedes, Aristotle, Claudius Ptolemy, Copernicus, Kepler, etc. His research has been coveted and repeatedly plagiarised by Westerners, including by a former President of the Royal Society.

As regards social sciences and humanities, he has been on the editorial board of *Journal of Indian Council of Philosophical Research*, etc., an Editorial Fellow of the Project of History of Indian Science, Philosophy and Culture, a Fellow of the Indian Institute of Advanced Study, and Associate Fellow of Nehru Memorial Museum and Library, etc.