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A CASE STUDY

Mathematics in ancient India

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ABSTRACT

“India was the motherland of our race and Sanskrit the mother of Europe’s languages. India was the mother of our philosophy, of much of our mathematics, of the ideals embodied in Christianity... of self-government and democracy. In many ways, Mother India is the mother of us all.”- Will Durant (American Historian 1885-1981). Mathematics had and is playing a very significant role in development of Indian culture and tradition. Mathematics in Ancient India or what we call it Vedic Mathematics had begun early Iron Age. The SHATAPATA BRAHAMANA AND THE SULABHSUTRAS includes concepts of irrational numbers, prime numbers, rule of three and square roots and had also solved many complex problems. Ancient Hindus have made tremendous contributions to the world of civilization in various fields such as Mathematics, Medicine, Astronomy, Navigation, Botany, Metallurgy, Civil Engineering, and Science of consciousness which includes Psychology and philosophy of Yoga. The object of this paper tries is to make society aware about the glorious past of our ancient science which has been until now being neglected without any fault of it.

Key Words : Ancient, Mathematics, *Ganita*, *Sulabhsutras*

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