



Theoretical Statistics and Mathematics Unit Seminar

Date: November 17, 2016

Time: 4:15 PM

NAB – 1, (Ground Floor, A.N. Kolmogorov Bhavan

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Analytical development of basic concepts for the study of Panini's code for
Sanskrit Grammar

Abstract

Sanskrit grammar embodied in Panini's Ashtadhyayi has been praised by scholars as the finest example of human intelligence. At the same time, it has gained the notoriety of being extremely complex which can be learnt only from guru and only through memorizing and rote learning. Yet, the present day interest in Sanskrit grammar seems to be driven by the computer applications like language processing which are analytical in nature.

The speaker will attempt to present Sanskrit grammar from a completely different perspective, which is purely analytical in nature. The analytical techniques including many fundamental concepts, which are embodied in Ashtadhyayi itself, seem to have been completely forgotten. The speaker will present his views on these concepts and the development of analytical approach based on physics, mathematics and logic, on the basis of his limited exploration of Ashtadhyayi. The presentation will particularly deal with analytical development of concepts and techniques in relation to shabda/varna, varna samamnaya/varna shabdayatana structure of the sutras, all (shabda) vidhi, etc

All are cordially invited