

## Seminar SAW : Mathematical practices in the context of the Astral Sciences

Abstract :

February 14, 2014

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*A beginner's guide for using the gnomon with Examples, by Paramesvara in his Goladipika*

Paramesvara, a prolific south Indian astronomer in the 14th to 15th centuries, wrote two treatises on spherical astronomy under the same title "Goladīpikā". He intends that they be aids for beginner astronomers.

Application of gnomons are an essential part in Indian astronomy, so both goladīpikās spare many verses for various instructions, sometimes with specific examples and exercises. They are also great aids to understand the style of Indian gnomon usage in general, and I shall present them along with related topics in the history of Indian astronomy.