

# Biographical Encyclopedia of Astronomers

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Śrīpati

Flourished Rohinīkhanda, (Mahārāṣṭra, India), 1039-1056

Śrīpati was an Indian (Hindu) astronomer. His father was Nāgadeva, and his grandfather was Keśava of the Kāśyapagotra. Śrīpati composed three astronomical works: the *Siddhāntaśekhara*, the *Dhikotidakarana* (1039), and the *Dhruvamānasa* (1056); a mathematical work, the *Ganitatilaka*; and two astrological works, the *Jatakapaddhati* (or *Śrīpatipaddhati*) and the *Jyotiṣaratnamālā*

Śrīpati is the only other astronomer, after Varāhamihira and Lalla, whose works spanned both astronomy and astrology. All other astronomers wrote exclusively on mathematical astronomy as far as extant texts are concerned.

Śrīpati's *Siddhāntaśekhara* followed the Brahma School of Brahmagupta, one of four principal schools of astronomy active in the classical period (late 5th to 12th centuries). The *Siddhāntaśekhara* is a treatise on mathematical astronomy and consists of 19 chapters

At the same time, Śrīpati was much influenced by the *Śiṣyadhivṛddhidatantra* of Lalla, a follower of the Arya School of Aryabhata I. Śrīpati's *Jyotiṣaratnamālā* followed the *Jyotiṣaratnakośa* of Lalla.

The *Dhikotidakaraṇa* is a work of 20 verses that gives methods of calculation for lunar and solar eclipses. The *Dhruvamānasa* is, according to D. Pingree, a work of some 105 verses used for calculating a variety of lunar and planetary phenomena

Among Śrīpati's two astrological works, the *Jātakapaddhati* is a textbook on horoscopy, while the *Jyotiṣaratnamālā* is an influential work on catarchic astrology. It contains Śrīpati's own commentary (written in Marathi).

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