

ज्यौतिषप्रवेशिका - An Introduction to Jyotiṣa Śāstra

Minor course for all UG Programmes

Stream: Science & Society

Course Category: Minor

Schedule of Offering: Even semester, 2020

Sub-category: Soft skills

Maximum intake: 20

Course Credit Structure: 3

Course Code:VK301

- Lecture: 3
- Tutorial: 0
- Practical: 0

Contact Hours per week: 3

Medium of instruction: English

Course Instructor: Dr. Ramakrishna Pejathaya

1. Introduction

This course aims to give fundamental knowledge of *Jyotiṣa-śāstra* for beginners. It will cover important topics of all three *skandha-s* (i.e. *Siddhānta*, *Samhitā* and *Horā*) of *Jyotiṣśāstra*. This course will emphasize the calculation of the *pañcāṅga*, concept of *grahaṇa*, *sankrānti*, *udayāstamaya*, and *grahayuti* from *Siddhānta skandha*; *muhūrta*, *bhūkampalakṣaṇa*, *dakārgala*, and *sāmānya vāstu* from *Samhitā skandha*; and the zodiac (*rāśi-s*) and the planets (*graha-s*), essential *yoga-s* needed for the prediction (*phalādeśa*), and the *gocara phala vicāra* from *Horā skandha*.

Hence, this course will provide a strong platform to students for further study and research in this *vedaṅga śāstra*. Apart from that, this course will also give adequate knowledge to the students to understand other Indic texts that contain references to *Jyotiṣa śāstra*.

2. Course Objectives

This course intends to -

- introduce *Jyotiṣa śāstra* with its full essence to students
- enable students to understand all aspects of the Hindu Calendar
- enrich students with essential concepts of Samhita and Hora
- motivate students to undertake further studies and research in the area of Jyotisha

3. Pre-requisites

Understanding ability of Sanskrit language and reading ability of the devanagari script is essential.

4. Readings

- Acharya Lokamani Dahal, (2012), भारतीयज्योतिःशास्त्रस्येतिहासः, Chaukhamba Surabharati Prakashan, Varanasi
- Sūryasiddhāntaḥ, Kapileshwara Shastri, Chaukhamba Sanskrit Series
- Āryabhatīyam of Aryabhata, Surakanta Jha, Chowkhamba Sanskrit Series, Varanasi
- Siddhāntaśiromaṇiḥ of Bhaskaracharya, Dr. D. ArkaSomayaji, (2000), RSVP, Tirupati
- Bṛhājātakam of Varahamihira, Pandit Kedaradatta Joshi, (2013), Motilal Banarsidass Pvt. Ltd
- Jātakapārijātaḥ of Vaidyanatha, (2008), Kapilesvara Sastri, Chaukhambha Sanskrit Sansthan, Varanasi
- Muhūrtacintāmaṇiḥ of Rama Daivajna, Ramachandra Pathak, (2004), Chaukhamba Sanskrit Pratishthan, New Delhi
- Bṛhat-saṃhitā of Varahamihira, Dr. Krishnachandra Dvivedi, (1997), Sampoorananda Sanskrit University, Varanasi

5. Module-wise topics

Module 1 – ज्योतिःशास्त्रस्य परिचयः कालविभागाश्च	09
• Topics	
◆ ज्योतिःशास्त्रस्य वेदाङ्गत्वम्, त्रयः स्कन्धाः, दैवज्ञलक्षणं च	02
◆ पञ्च अङ्गानि - तिथिः वासरः नक्षत्रं योगः करणं च	04
◆ अन्ये कालविभागाः - मासः (चान्द्रः सौरश्च) ऋतुः अयनं चेत्यादयः	03
• Readings	
◆ Acharya Lokamani Dahal, (2012), भारतीयज्योतिःशास्त्रस्येतिहासः, Chaukhamba Surabharati Prakashan, Varanasi	
◆ Sūryasiddhāntaḥ, Kapileshwara Shastri, (2008), Chaukhamba Sanskrit Series, Varanasi	
Module 2 – संक्रान्त्यादयः कालविशेषाः	11
• Topics	
◆ खगोलपरिचयः	02

◆ संक्रान्तिः ग्रहणं च	03
◆ ग्रहयोगः ग्रहनक्षत्रयोगश्च	02
◆ अस्तमयः - मौढ्यम्	02
◆ भारतीयखगोलशास्त्रीयाः उल्लेखार्हाः अंशाः	02
● Readings	
◆ Sūryasiddhāntaḥ, Kapileshwara Shastri, Chaukhamba Sanskrit Series	
◆ Āryabhatīyam of Aryabhata, Surakanta Jha, Chowkhamba Sanskrit Series, Varanasi	
◆ Siddhāntaśiromaṇiḥ of Bhaskaracharya, Dr. D. Arka Somayaji, (2000), RSVP, Tirupati	
Module 3 – होराप्रवेशः	09
● Topics	
◆ राशयः (उच्च-नीच-स्वक्षेत्र-षड्वर्गादयः)	04
◆ भावाः (भावानां पदार्थाः केन्द्रादिसंज्ञाविशेषाः च)	02
◆ ग्रहाः (रत्न-मैत्री-षड्बल-कारकत्वादयः)	03
● Readings	
◆ Br̥hajjātakam of Varahamihira, Pandit Kedaradatta Joshi, (2013), Motilal Banarsidass Pvt. Ltd	
◆ Jātakapārijātaḥ of Vaidyanatha, (2008), Kapileshvara Sastri, Chaukhambha Sanskrit Sansthan, Varanasi	
Module 4 – जातकविमर्शस्य प्रमुखाः अंशाः	09
● Topics	
◆ दशा - अन्तर्दशा	02
◆ जन्मकालदोषाः	02
◆ बालारिष्टयोगाः	02
◆ शुभाशुभयोगाः	03
● Readings	
◆ Br̥hajjātakam of Varahamihira, Pandit Kedaradatta Joshi, (2013), Motilal Banarsidass Pvt. Ltd	
◆ Br̥hat-pārāsara-horāsāstram, Satyendra Mishra, Chowkhamba Sanskrit Series, Varanasi	

Module 5 – मुहूर्तः गोचरफलविचारश्च 07

● Topics

◆ अशुभकालाः 02

पञ्चाङ्गदोषाः, सङ्क्रान्तिः, ग्रहणम्, दुष्टयोगाः इत्यादयः

◆ साधारणकर्मोपयोगिनः मुहूर्ताः 02

तारानुकूल्यम्, अष्टमचन्द्रः इत्यादयः

◆ संस्कारोपयोगिनः मुहूर्ताः 02

◆ गुरुबलम्, सार्धसप्तशनिचारः 01

● Readings

◆ Muhūrtacintāmaṇiḥ of Rama Daivajna, Ramachandra Pathak, (2004),
Chaukhamba Sanskrit Pratishthan, New Delhi**6. Pedagogy**

The teaching methodology will be primarily lecture oriented. Some class discussions, videos and talks by experts will be arranged occasionally.

7. Evaluation Pattern

The course will adopt a continuous evaluation scheme. Following are the components along with their weightage –

➤ Weekly quiz & Class participation	: 20 %
➤ Assignment & Presentations	: 20 %
➤ Viva-voce (Mid semester)	: 20 %
➤ End-Term Examination	: 40 %
Total	: 100 %