



Department of Sanskrit

University of Delhi

Undergraduate Course for Sanskrit

Multidisciplinary Courses of Study B. A. (Prog.) with Sanskrit

Under UGCF-2022 based on NEP-2020

DSE 14: Architectural System in Sanskrit

Credit distribution, Eligibility and Pre-requisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Prerequisite of the course	Department Offering the Course
		Lecture	Tutorial	Practical/ Practice			
Architectural System in Sanskrit	04	3	1	0	Class XII Pass	Nil	Sanskrit

Learning Objectives

The ancient Sanskrit Literature contains various marvellous concepts of Architectural Science. Aims of This course is to get the students acquainted with the basic principles of Indian Architecture. It also intends to give an elementary understanding of Vastuvidya, and to enable students to learn the town planning and construction of residential houses in Sanskrit texts easily.

Detailed Syllabus

Unit I : An Introduction with Ancient Indian Architectural system

1 Credit

The fundamental truth in mind that Brahma, before creating the world (भोज-समरांगणसूत्रधार, विश्वकर्मणः पुत्रसंवाद 2. 1 to 6)

Basic Five elements of the Universe (पंचमहाभूत), भोज-समरांगणसूत्रधार (महदादिसर्ग 4. 4 to 19 & 28 to 37)

Varnaashrama dharma and the importance of grihastha Ashrama (वास्तुरत्नाकर-भूपरिग्रहप्रकरण 4 to 11)

Unit II : Types of Architecture in Sanskrit Literature

1 Credit

Vastupurush ka Svarupa (Embodiment of the Cosmic man) (Brihatsamhita, vastuvidyadhayaya, verses 2 to 3)

Classification of Vastu (Cosmic man) on the basis of construction: Sarvtobhadra, Nandyavarta, Vardhmana, Swastika, Ruchka, Hiranya & Trishala (Brihatsamhita, vastuvidyadhayaya, verses 31 to 38)

Types of Vastu (Cosmic man) Based on land Topography (Bhumi Plavatva); Pitamahavastu, Supathvastu, Dhirghayuvastu, Punkavastu, Apathvastu, Rogakaravastu, Argalavastu (Brihatvastumala, 47-53)

Unit III : Selection of Land in Ancient Indian Architectural system

1 Credit

Examination and Selection of Land (Brihatvastumala, 1. 13 to 17)

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Types of Land (Bhumi), Gajprishtha, Kurmaprishtha, Daityaprishtha, Nagprishtha (Brihatvastumala, 1. 82 to 89)

Classification of Bhumi based on Topography (Plavatva); Govithi, Jalvithi, Yamvithi, Gajvithi, Bhutavithi, Nagvithi, vaishvnari and Dhanvithi (Brihatvastumala, 1. 41 to 46)

Land rectification (Bhumisanshodhana); (Brihatvastumala, 1. 106 to 111)

Unit IV: Construction and Decoration of House in Ancient Indian Architectural system 1 Credit

House commencement (Griharambha), Bhumipooja; (Brihatvastumala, 1. 116 to 117), Prathamavidhana (Brihatsamhita, vastuvidyadhayaya, verses 98 to 100),

Shilpnyasavidhi (Brihatvastumala, 1. 124), Stambhsthapana (Brihatvastumala, 1. 125 to 127),

Grihvibhaga (Brihatvastumala, 1. 150 to 156),

Dhikgyana (Brihatvastumala, 2. 7 to 10),

Dwarniraya (Brihatvastumala, 3. 149, 152-158 & 162 to 166),

Dwarsajja (Brihatvastumala, 3. 159),

Nishiddhalekhakarma (Brihatvastumala, 5.8),

Mangalika vriksharopana (Brihatvastumala, 6. 3 to 5 & 12)

Essential Readings:

1. बृहद्वस्तुमाला- पं. रामनिहोरद्विवेदी, चौखम्बा सुरभारती प्रकाशन वाराणसी
2. वास्तुरत्नाकर - श्री विन्ध्येश्वरी प्रसाद द्विवेदी, चौखम्बा संस्कृत सीरीज ऑफिस वाराणसी
3. Brihat Samhita – Varahamihir, (in two vol.) Edited with English Translation by M. Ramakrishana Bhat, Motilal Bnarsidass, Delhi 1995.
4. बृहत्संहिता - आचार्य वराहमिहिर, व्याख्याकार पं. श्री अच्युतानन्द झा, चौखम्बा विद्याभवन वाराणसी
5. समरांगणसूत्रधार- श्री भोजदेव, (in two vol.) Edited with English Translation by Prof. Pushendra Kumar, New Bharatiya Book Corporation 2004.

Recommended Readings

1. भारतीय वास्तुशास्त्र और प्रतिमा विज्ञान, श्री शुकदेव चतुर्वेदी, Lucknow 1967.
2. Vastu Shastra- D.N. Shukla, Hindu Science of Architecture (in two vol.) Shukla Printing Press, Lucknow 1960.

Examination scheme and mode: Subject to directions from the Examination Branch/University of Delhi from time to time

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