



Comparative Study Of Khajuraho Temple Architecture And Orissa Temple Architecture: A Cultural And Aesthetic Analysis

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Abstract

This study presents a comparative analysis of Khajuraho temple architecture, located in Madhya Pradesh, and Orissa temple architecture. Both architectural styles emerged during medieval India and represent unique religious and cultural traditions. The objective of this research is to explore the similarities and differences in design, iconography, and construction techniques between the two. Methodologically, this study draws upon historical sources, architectural surveys, and field observations. The findings indicate that while both styles follow the broader Nagara style of North Indian temples, Khajuraho emphasizes intricate erotic sculptures and dynamic figurative art, whereas Orissa temples prioritize spiritual symbolism with towering rekha deuls and restrained carvings. This comparative study sheds light on the diverse regional expressions of Indian temple architecture and its significance in understanding the subcontinent's cultural and religious history.

Keywords : Temple architecture, Orissa Style, Khajuraho Style, Nagara Style, Hindu temple design, Comparative Architecture Study, Spiritual Symbolism

Introduction

The architectural heritage of India is a rich tapestry woven from diverse cultural, historical, and religious influences. The temples, beyond their religious functions, served as hubs of social and artistic life, representing the region's political and spiritual aspirations. Among its most celebrated examples are the Khajuraho temples in Madhya Pradesh and the temple complexes of Orissa, which include the iconic Konark Sun Temple and the Jagannath Temple in Puri. These two sites represent distinct architectural styles and philosophies, each reflecting the socio-political contexts of their respective eras. The Khajuraho temples, built between the 9th and 10th centuries by the Chandela dynasty, are renowned for their intricate carvings and erotic sculptures that celebrate the complexities of human relationships and spirituality. In contrast, the temples of Orissa, flourishing from the 7th to the 13th centuries, emphasize grandiosity and ritualistic devotion, showcasing a different aspect of Hindu worship through their towering structures and elaborate carvings. This article aims to explore and compare the architectural features, iconography, and cultural significance of these two remarkable temple complexes. The comparison reveals not only the distinct regional styles but also provides insights into the cultural and philosophical worldviews of the societies that produced them. By examining their distinct styles and the artistic expressions they embody, we gain a deeper understanding of how these sites reflect the spiritual and artistic ideals of their time. Ultimately, this study

highlights the enduring legacy of Indian temple architecture and its profound influence on cultural identity and religious practices.

Historical Context

The Khajuraho group of temples were built between the 9th and 11th centuries by the Chandela rulers. They are famous for their intricate and often erotic sculptures that depict various aspects of life, spirituality, and mythology. These temples, which once numbered over 80 (with around 25 surviving today), reflect the zenith of medieval Indian temple art and architecture.

The Odisha temples, particularly those in Bhubaneswar, Konark, and Puri, were constructed between the 7th and 13th centuries by different dynasties, including the Kalinga and Ganga rulers. They are renowned for their distinctive style, colossal structures, and intricate stone carvings. Temples like the Lingaraja (Bhubaneswar), Sun Temple (Konark), and Jagannath Temple (Puri) are some of the finest examples of Odisha temple architecture.

Architectural Structure and Design

The architectural layout and structural elements of Khajuraho and Orissan temples exhibit both similarities and significant differences, shaped by each region's specific historical and cultural landscape.

Shikhara and Temple Layout of Orissa:

Orissan temples exhibit a form of Nagara style, with distinctive features such as the rekha deula (curvilinear tower) and pidha deula (pyramidal structure) elements, creating a unique style that combines tiered, pyramid-like roofs and high spires. This results in a grand, vertical profile, especially evident in temples like the Sun Temple at Konark. Every part and decoration of the temple has a distinguished name in Orissa architecture the development of the north Indian Nagara (spired or long spired temple) style of temples in Orissa to the form that the temple consisted mainly of the 'Rekha Deul' (spired temple) above the Sanctum and the mandapa 'Jagmohan' and 'Bhadra Deul' or 'peer deul' in front of it. Temple architecture in Odisha has various names for different stages of the temple. First of all the name of the Vedika of the temple is pista. From pistha the section ending straight up to the peak is called 'Bar'. The 'Bar' is again divided into three parts the lowest part is called 'pavaga', above is 'Taljanga' and in between is the space marked for the class of parallel ornamentation called 'Bandhana'. The part between the 'Bar' and the peak is called 'Baranda' - the upper peak or 'Gondi'. The 'Mastak' at the top of the peak or 'Gondi'. The first part of the head that goes a little inside is called 'Backy'. Above the 'Backy' there is a 'Amlak Shila' with deeply incised veined ornamentation all round. On top of this 'Amlak Shila' are successively 'khapuri', 'Kalasa' and 'Dhavaja' (flag) or Ayudh of the temple deity. 'Trishul' in case of Shiva temple, 'Chakra' in case of Narayan temple. On the other hand according to the foundation of the temple coming out of the main wall on each temple peak called 'Ratha'. When a 'Ratha' emerges from the temple wall two 'Parsvarathas' are created on either side of it and the temple is named 'Triratha'. Thus 'Pancharatha', 'Saptaratha' and 'Nabaratha' temples were also built later. The existing 'Rathas' are called 'Pog', when they are followed to the top of the temple. The intermediate 'Pog' on each side of the peak is called 'Raha pog' and the corner 'Pog' is called 'kanak pog'. Boundary walls are seen in several Orissan temple styles which are not seen particularly in the Nagara temple style.

Shikhara and Temple Layout of Khajuraho:

The Khajuraho temples follow the Nagara style, marked by a compact layout and intricate, highly decorated towers or shikharas that rise steeply and are capped with amalaka stones (circular, ribbed stones symbolizing cosmic unity). A closer look at the temples reveals several features of Central Indian architecture. Firstly, temples are built on a high 'bedi' or 'adhistan'. A sanctum sanctorum mandapa with half mandapa and front covered entrance arranged in succession. Sometimes four small shrines can be seen at the four corners of the altar. The foundation of the temple is 'Pancharatha' or 'Saptaratha'. The roof of the mandap rises in layers and takes on a round shape. On the inner side of the mandapa four or more pillars support the roof with elaborate stone corbels at angles. The pillars and the inner ceiling of the mandapa are decorated with beautiful sculptures. The mandapam, half-mandapam and sanctum sanctorum are covered with wide cornices on three sides. Crafted archway at entrance. From the front of the temple, a flight of steps leads up to the main hall.

It makes the temples look like a huge mountain. Exquisitely sculpted and beautifully sculpted manditas and tall spires and anga spires, these beautiful temples of Khajuraho are the crowning glory of temple architecture in Central India.

Iconography and Sculptural Program

One of the most striking aspects of Khajuraho and Orissan temples is their elaborate sculptural decoration, yet the thematic focus and iconographic elements vary significantly.

Erotic Sculptures and Tantric Symbolism at Khajuraho:

The Khajuraho temples are famously adorned with erotic sculptures, symbolizing the philosophy of Tantric traditions that emphasize the unity of the divine and the human experience. The temples of Khajuraho have a variety of sculptures on both the inner and outer walls of the temple. These carvings, often misunderstood as purely sexual, are part of a larger spiritual narrative about life, creation, and the divine union. The temple walls are densely packed with figures depicting gods, goddesses, mythological scenes, musicians, dancers, and celestial beings, creating a dynamic visual tapestry. The temples are designed to reflect the harmonious balance of the spiritual and the earthly, with the erotic figures symbolizing the union of the divine and the mortal. This duality is a significant aspect of Hindu philosophy, emphasizing that physical love can be a pathway to spiritual fulfillment. The erotic sculptures of the temples of Khajuraho depict a priceless truth of Hinduism, the union of Shiva Shakti, which is the source of creation of all living beings in the entire world. The culture celebrates the beauty and vitality of human life and the belief that the body, mind and spirit are holistically integrated. But also various daily life scenes, hunting scenes, war scenes, dancers, statues of dancers, Brahmin teaching scenes and even funeral scenes are depicted on the walls of the Khajuraho temple.

Cosmic and Solar Symbolism in Orissan Temples:

Orissan temples, by contrast, focus on cosmic symbolism, particularly through representations of celestial bodies and solar motifs. Khajuraho temple style shows a variety of sculptures both on the inside and outside of the temple, while in the Orissa temple style, the inner wall planes but the outer walls show a variety of sculptures. The Sun Temple at Konark is perhaps the most prominent example, constructed as a chariot for the sun god Surya, complete with twelve elaborately carved wheels symbolizing the months of the year. The emphasis on cosmic elements reflects the Orissan belief in the temple as a microcosm of the universe, an idea that is also echoed in the detailed reliefs depicting scenes from the Ramayana and Mahabharata on the temple walls.

Religious and Philosophical Significance

The religious and philosophical undertones of Khajuraho and Orissan temple architecture reflect their respective dynastic patronage and regional religious traditions.

Tantric Influence in Khajuraho:

The Chandella dynasty, who patronized the Khajuraho temples, followed a syncretic religious practice that incorporated Shaivism, Vaishnavism, and Jainism, along with elements of Tantric philosophy. Tantrism, with its focus on the divine feminine and the transformative power of ritual practices, influenced the inclusion of erotic and esoteric imagery, meant to lead devotees through physicality to spiritual enlightenment. This synthesis of religious and philosophical elements makes the Khajuraho temples not only a place of worship but also a representation of the cosmos in miniature. However, after the Muslim invasion in the twelfth century, worship at Khajuraho's temples ceased and they were abandoned. Later, after almost 500 years, a British Army engineer, TS Burt, recovered the temple from a forested site in 1838. At present these temples do not perform regular worship but a grand festival is organized on Maha Shivaratri.

Vaishnavism and Shaivism in Orissa:

Orissan temples, especially those in Bhubaneswar and Puri, are strongly associated with Vaishnavism and Shaivism. The Jagannath Temple in Puri, a major pilgrimage site, exemplifies Orissa's deep-rooted devotion to Vishnu in his form as Jagannath. Orissan temples use spatial design and iconography to represent the

divine cosmology, portraying the temple itself as a sacred mountain (axis mundi) that connects the earthly realm with the divine. This philosophy is reflected in the monumentality of Orissan temples, where the towering shikharas and elaborate carvings represent a connection to the divine.

Patronage and Socio-Political Context

The role of royal patronage is vital to understanding the architectural and stylistic variations between Khajuraho and Orissan temples.

Chandella Dynasty and the Temples of Khajuraho:

The Chandella rulers, patrons of the Khajuraho temples, sought to consolidate their political power and legitimacy through religious patronage. By commissioning temples with intricate and esoteric carvings, the Chandellas underscored their alignment with powerful, mystical traditions, signaling both piety and their understanding of esoteric religious principles. This patronage helped the dynasty establish Khajuraho as a center of art and spirituality.

Ganga Dynasty and the Temples of Orissa:

The temple architecture of Orissa flourished under the long reigning dynasties like 'Shailodbhav', 'Bhaum', 'Soma Dynasty', 'Chorbanga', 'Surya', etc. these style of architecture mainly centred around the temples of Bhubaneswar is also known as Bhubaneswar temple style. In Orissa, the Eastern Ganga dynasty used temple building to reinforce the idea of divine kingship and to promote a Vaishnava-oriented ideology. The massive scale and intricate detail of temples like those at Konark and Puri reflect the dynasty's wealth, devotion, and connection to divinity. The Ganga rulers' patronage of temples not only promoted their religious identity but also asserted their dominance and cultural influence across Eastern India.

Material and Construction Techniques

In the Khajuraho temples, renowned for their intricate carvings and architectural beauty, are primarily constructed from sandstone. The builders used a variety of sandstone colors, including buff, pink, and pale yellow. Some temples also incorporate granite, particularly for the temple foundations and certain structural elements. The choice of sandstone not only provided durability but also allowed for the detailed and elaborate sculptures that are a hallmark of Khajuraho's architecture.

In contrast, Odisha temples were built using local laterite and khondalite stone. The sculptures were crafted with great attention to detail, despite the hardness of the stone, reflecting the skills of Odisha's artisans.

Conclusion

The comparative study of Khajuraho and Orissa temple architecture reveals distinct yet interrelated expressions of India's rich architectural heritage. While Khajuraho temples celebrate the dynamism of human experience through eroticism and intricate carvings, Orissa's temples embody spiritual grandeur and cosmic symbolism. Together, they contribute to the understanding of the cultural and artistic currents of their respective periods, highlighting the diversity and complexity of Indian temple architecture. Future research could further explore regional variations and their impacts on contemporary practices, ensuring these legacies endure in the collective memory of Indian history. Both architectural traditions have influenced later temple construction in India. Analyzing these styles in comparison can provide insights into how Indian temple architecture evolved in different directions and influenced later periods.

Reference

- Bhubaneswar Municipal Corporation. "Tourist Attractions." Accessed August 10, 2024 <https://web.archive.org/web/20110810003759/http://bmc.gov.in/TouristAtcton.asp?lnk=2&PL=5>.
- Brown, Percy. Indian Architecture (Buddhist and Hindu Periods). Bombay: D.B. Tarapore Sons & Co. Private Ltd., 1959.
- Dehejia, Vidya. Erotic Sculpture of India: A Socio-Cultural Study. New Delhi: Books & Books, 1975.
- DK Eyewitness. Great Monuments of India: A Unique Visual Guide to India's Historic Sites. New York: DK Publishing, 2009.
- Donaldson, Thomas E. Hindu Temple Art of Orissa. Leiden: Brill, 1985.
- Ghosh, A., ed. An Encyclopedia of Indian Archaeology. Prepared under the auspices of the Indian Council of Historical Research, New Delhi. Leiden, New York, København, Köln: E.J. Brill, 1990.
- "Khajuraho: A Nagara Architecture." Interior Company. Accessed October 5, 2024. <https://www.interiorcompany.com/in/trends/khajuraho-a-nagara-architecture>.
- "Khajuraho Jain Temples: UNESCO World Heritage." Incredible Jainism. Accessed October 15, 2024. <https://incrediblejainism.com/blogs/f/khajuraho-jain-temples-unesco-world-heritage>.
- Kramrisch, Stella. The Hindu Temple. Delhi: Motilal Banarsidass, 1946.
- Michell, George. The Hindu Temple: An Introduction to Its Meaning and Forms. Chicago: University of Chicago Press, 1977.
- Mohapatra, R. P. Temple Architecture of Orissa. New Delhi: Indira Gandhi National Centre for the Arts, 1986.
- "North Indian Temple Architecture." Encyclopaedia Britannica. Accessed October 21, 2024. <https://www.britannica.com/topic/North-Indian-temple-architecture>
- Parida, A. N. Early Temples of Orissa. 1st ed. New Delhi: Commonwealth Publishers, 1999.

