

Inspiration of Gandhara Sculptures: An Indication of Cognitive Psychology

Ananda Karmakar¹, Dr. Ravindra Singh²

¹Associate professor HOD, Department of Visual arts, Graphic Era Hill University, Dehradun, Uttarakhand, India

²Humanities and Social Sciences, Graphic Era Deemed to be University, Dehradun

ABSTRACT

Gandhara art flourished between the years 2 BCE and 7 BCE in what is now northern Pakistan and the eastern part of Afghanistan. Gandharan art is a cultural mixture that was created by Buddhism. In order to get a better understanding of cognitive psychology, this research seeks to delve into the depths of creativity, intuition, and aesthetic contemplation. To show how the Hellenistic (a fusion of Roman, Iranian, and indigenous Indian art) approach helped build Gandhara art (Buddhist sculpture) and how intuition was closely tied to cognitive psychology, the study attempts to do so throughout. Art history, aesthetics, and maybe even psychology might benefit from the information in this article, which has the ability to demonstrate and help these fields.

Keywords: Gandhara Art, Cognitive Psychology, Sculpture, Hellenistic, Visual Art

INTRODUCTION

Background of the study

The Greek battles in India under the tenure of Roman Empire (327–326 BCE) were brief, but they left a significant mark on India since Greeks had lived in close proximity to India for decades before to the hostilities. Between the years 327 and 326 BCE, there were a number of conflicts. Soon after Alexander's departure, parties of Greek troops joined Chandragupta Maurya's armed insurrection against the Nanda Dynasty. This took place shortly after Alexander's departure. According to the Jaina text Parisishtaparvan and the Mudrarakshasa of Visakhadutta, Chandragupta struck a bargain with Parvatka, the lord of the Himalayas, who was sometimes confused with Porus. According to these accounts, Chandragupta conquered Pataliputra with the assistance of a powerful army consisting of Yavanas (also known as Greeks) and several other people (Ray, 2017). The Seleucid Empire, the Greco-Bactrian monarchy, and the Indo-Greek kingdoms were all examples of how the Greeks were able to dwell in an organised fashion on India's doorstep for almost three hundred years. From the Seleucid Empire until the Greco-Bactrian kingdom, these events took place. The Mauryan court at Pataliputra was visited by Greek ambassadors such as Megasthenes, Deimachus, and Dionysius on their travels between India and Greece. There are a variety of patterns that have been included into Pataliputra Palace's Ionic capital, including the bead and reel pattern and the

centre flame palmate design as well as exact renderings of animal sculptures, as well as their functions. Up to the fourth and fifth centuries CE, Hellenistic influences may still be seen in Gandharan art. This style incorporates elements from both Greco-Buddhist and Greco-Hindu traditions. Many years after the Hellenistic settlers left, it's possible that Hellenistic influence can be seen in Indian art. If the Hellenistic people had left their mark, this would have been the case. (Richard, 2018).

In the Kushana era, the Gandhara art school, known as the Greeco-Buddhist style, was crucial to its growth, according to scholars. The intimate ties between Indian and Greek cultures led to the emergence of the Gandhara School. This institution's curriculum incorporates elements of both Indian and Greek art traditions. Gandhara art is so called because it is supposed to have originated in the Gandhara region, where Buddha sculptures with an Indo-Greek tinge thrived. Humans' perceptions of others and of themselves may be skewed, according to this research. Human conduct is heavily influenced by elements such as social roles, social customs, and scripts. Social signals will be examined as a source of actionable information. Whether or not we aid a stranger in a crisis or how we respond in a new environment are just a few examples of how our conduct may be significantly impacted by the circumstances. Using Hellenistic (Fusion of Roman, Iranian, and indigenous Indian art) methods to Gandhara art, this research aims to give a psychological viewpoint on Gandhara sculpture, and how this view was integrally linked to cognitive psychology. A focus on Gandhara art evolution will be the focus of the study (Buddhist sculpture). To put it simply, this work has the ability to demonstrate and expand upon the fields of art history, aesthetics and psychology.

Objective of the study

The purpose of the research is to establish a connection between the early stages of cognitive development and the artistic traditions of Gandhara. The investigation of Gandharan art is also a strategy that is used in the process of cognitive psychology. The goal of the study is to demonstrate that the psychological process approach and attributions are relevant to one particular feature of Gandhara art. The purpose of this research is to provide a fresh perspective to the art of Gandhara.

Methodology

The research is carried out in a descriptive way that adheres to a theoretical structure. Secondary sources, such as reputable books, journals, and websites, were combed through to compile the information for this study's design, which was centered on the collecting of secondary data. Numerous visual contents pertinent to the study, such as Gandharan art and a variety of other ancient and contemporary contents, have also been obtained via the use of a wide variety of authoritative books and websites. After receiving numerous models of theories, I was able to make the correlation between the preexisting theory of cognitive psychology and Gandharan art. Additionally, I was able to make an establishment that best fit my research in the approach of new adoption and its process. This was accomplished by conducting a review, which led to the determination of how other researchers conducted their work, as well as the delineation and drawing of their opinions and experiments on the key concept.

Discussion

The branch of psychology focuses on our inner workings, such as how we see and understand the world around us, how we reason about problems, and how we learn new things. This branch of psychology studies how people acquire new knowledge and deal with difficult circumstances. (Sternberg RJ, 2011). Ulric Neisser, who is often regarded as the father of cognitive psychology, established the concept of cognitive psychology. He was the first to use the word and the first to draw the limits of cognitive psychology, both of which he did. However, he considered that the study of cognition should embrace all aspects of human thinking and behavior in order to be relevant to the profession. His primary interests were in the realms of vision and memory. (Ulric Neisser, 1967). In Greece-inspired elements, such as the depiction of a "man-god," sandals, and lavish drapery, may be seen in Gandharan sculpture. Gandharan art's depiction of Buddha as a "man-god" may have drawn influence from Greek mythology. In Gandharan art, Buddha is shown with the Greek deity Herakles, which is an important part of psychology that may be linked to cognition. The psychologist is often drawn in by the aesthetician's fascination with the psychology of beauty, and he or she wants to know more about how we perceive beauty and how it affects our mental states. This is because psychology is the first thing that comes to mind when people think about beauty. Consider some of the connections that have a negative influence on us and explore the kind of mental activity that is linked to the given outcome as a consequence of this linkage. This is an important consideration. (Routledge, 29 June 2009). All of these traits of Greek art may be seen in Gandharan sculptures, including the usage of wavy hair, sandals, and lavish drapery. Greek mythology is supposed to have inspired the depiction of Buddha in Gandharan art as a "man-god." Buddha is shown in Gandharan art, together with the Greek deity Herakles, which may be seen as an important part of cognitive psychology. There's a strong correlation between psychologists' interest in aesthetics and the interest of estheticians, and it's not uncommon for psychologists to become interested in both. This is because psychology is the first thing that comes to mind when someone thinks about beauty. Take into consideration some of the connections that have a negative influence on us and explore the kind of mental activity that is associated with this consequence. (Marshall, 1905). For example, its Greek and Hellenistic, as well as Iranian, heritage contributed to their divine features and decorative elements. The Gandhara Style's use of human form, draperies, and visual size is an example of naturalism. The male characters are shown as having a muscular build, flowing drapery, curly hair with waves, and an angular face. The weight of the ear-rings worn by a monarch or magnate causes their ears to look longer than they really are. It has been shown that the figures, their postures, and other events from Buddha's life are arranged in a certain way. An important part of Mahayana Buddhism developed during this time period with the widespread use of representations of Bodhisattvas depicting the Buddha-nature. These males are seen either standing or sitting, and they are dressed in what seems to be a dhoti-style bottom. Except for a shawl-like piece of fabric thrown over their shoulders, their torsos are bare. One of the unique features of this art genre is its depiction of paradises like Sukhavati, which were affiliated with the Paradise religion and practised in North West India during the Kushana period. A fusion of indigenous, Hellenistic-Roman, and Iranian influences characterized the art of the Gandhara area. (Spagnoli, 1970). Heider provided an explanation for this kind of psychology or behaviour, which states that both the circumstances (such as cultural influences, social roles, and audience attendance), as well as the individual, have an effect on conduct (eg, personality characteristics). The subfields of psychology each focus on a certain influence or behaviour on other people. The idea of situationalism maintains

that our behaviors and actions are shaped by the conditions that are now present in our environment. On the other hand, naturalism holds the belief that our behaviors are driven by factors located inside ourselves. (Heider, 2013). In this instance, the celestial aspects and aesthetic elements were drawn from their Hellenistic (Greek) and Iranian roots, while a number of compositional traits were acquired from Roman funeral art. [Citation needed] The Mahayana school of Buddhism, which was closely linked with this kind of art and was the major source of inspiration for the work, which often showed Bodhisattvas and the Lord Buddha, was one of the key sources of inspiration. It is feasible to draw the conclusion from this information that the concept and idea behind this design originated in India, but that another nation was responsible for putting it into practice. The Buddha statues that may be seen in Bamiyan are a wonderful example of the Gandhara School of art. They probably did not feel bound by these constraints, and partly because of "their love of form," the Greeks were the first people to try their hand at sculpting a picture of the Buddha. The Greeks were the first people to try their hand at depicting the Buddha. Ptolemy I Soter, who ruled Egypt at the time, is credited with introducing Serapis, a god who merged characteristics of Greek and Egyptian deities. Serapis is one of the most well-known examples of this phenomenon. (Soper, 1951). The Greeks did, in many regions of the ancient world, construct syncretism divinities, which may become a shared religious centre for communities with varied faiths. It was only reasonable for the Greeks to create a single common divinity by fusing the image of a Greek god-king with that of an Indian deity, and so that is exactly what they accomplished in India as well (Apollo, with the traditional physical characteristics of the Buddha) (Linssen, 1988), Moreover, it is hypothesized that a person's thoughts, feelings, and behaviors are profoundly influenced by the social environment in which they find themselves at any given moment. In most cases, individuals will adjust their behaviors so that they are more suited to the social setting in which they now find themselves. It is natural for us to look to the actions of others for guidance when we are in an unfamiliar setting or if we are unclear of how to conduct ourselves. As a result, social psychology explores how individuals affect one another and analyses the effect of the situation. (Heider, 2013), The inquiry satisfies its innovative depth, intuition, and artistic introspection in order to comprehend cognitive psychology. The philosophy that lies behind the Gandhara artwork is the same philosophy that lies behind cognitive psychology.

Conclusion

On the other hand, sculpture in the Gandharan region owes just as much to Roman art as it does to Greek art. Gandharan sculpture borrowed concepts and methods from the art of ancient Rome, despite the fact that its iconography had its roots in Indian art. Characteristics of Classical Roman art may be seen in Gandharan sculptures. These include vine scrolls, cherubs wearing garlands, tritons, and centaurs. In addition, the anthropomorphic traditions that were common in Roman religion were a significant source of inspiration for the sculptors of Gandhara. The image of Buddha that is seen in Gandharan art is very comparable to sculptures that depict a more youthful Apollo. There were quite a few parallels to be seen between the manner in which the robes on Buddha were arranged and the drapery that was used on Roman imperial statues. According to the findings of this research, this conversation ultimately leads to the conclusion that people's opinions of both themselves and others may not be accurate. There are several instances of situational impacts on human behavior, including social roles, social traditions, and scripts. We will get an understanding of how people come to judgments by drawing on social signals as a source of knowledge. Just two instances of how the circumstances in our surroundings might influence us are whether or not we

assist a stranger who is in need and how we conduct ourselves in unfamiliar surroundings. The art of Gandhara, which consists of Buddhist sculpture, was developed via the use of a Hellenistic approach (a fusion of Roman, Iranian, and the indigenous art of India), and its primary emphasis is on the way in which this awareness was related with cognitive psychology.

Reference

1. Heider, F. (2013). *The Psychology of Interpersonal Relations*. United States: Taylor & Francis.
2. Linssen, R. (1988). *Living Zen*. New York: Grove Press.
3. Marshall, H. R. (1905). *The Relation of Aesthetics to Psychology and Philosophy*. Duke University Press on behalf of *Philosophical Review* , 1-29.
4. Ray, H. P. (2017). *Buddhism and Gandhara: An Archaeology of Museum Collections*. Taylor & Francis.
5. Richard, S. (2018). *Buddhist Literature of Ancient Gandhara: An Introduction with Selected Translations*. Simon and Schuster.
6. Routledge, S. C. (29 June 2009). *South Asian Buddhism: A Survey*. Routledge; 1st edition , 29.
7. Soper, A. C. (1951, october). *The Roman Style in Gandhāra*. *American Journal of Archaeology* , pp. 301-319.
8. Spagnoli, M. M. (1970). *Relationships between the Perspective and Compositional Structure of the Bhārhut Sculptures*. *East and West* , 20 (3), 327-347.
9. Sternberg RJ, S. K. (2011). *Cognitive Psychology*. Wadsworth/Cengage Learning .
10. Ulric Neisser, P. P. (1967). *cognitive psychology pioneer*. dies. Emory News Center .